REMEDIAL INVESTIGATION REPORT

October 14, 2013

OER Project #13CVCP095K

Submitted for:
38-20 & 38-26 28th Street
Long Island City, New York

Block 386, Lots 23 & 25

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

Prepared for:
2318 Flatbush Avenue Corp.
38-20 28th Street
Long Island City, New York

Submitted by:
Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716

IE Project Number:

4338-01-03-3001

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LIST OF ACRONYMS

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

CERTIFICATION

I, Kevin Kleaka, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Redevelopment Project located at 38-20 & 38-26 28th Street, Long Island City, NY (OER Site No. 13CVCP142Q). 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 contain all available environmental information and data regarding the property.

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 38-20 & 38-26 28th Street, Long Island City, New York, and is identified as Block 386 and Lots 23 and 25 on the New York City Tax Map. **Figure 1** depicts the Site location. The Site is 6,918-square feet and is bounded by a residential building to the north (a residential building with a private automobile garage to the east, a commercial building (cabinetry workshop) to the south, and a child care facility and residential buildings to the west. A map of the site boundary is depicted in **Figure 2**.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new four-story building utilized as a hotel. Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is M1-2/R5B. R5B is a contextual district that allows detached and semi-detached buildings.

The proposed redevelopment plan and end use of the property will consist of a residential hotel. Under current redevelopment plans, one four-story structure will be constructed with 47 total guest rooms, with a breakfast area. The cellar level (lowest level) is split between two elevations: the cellar level in the front half of the building will contain utility rooms and will be at an elevation of approximately 10 feet below existing grade; the cellar level in the rear of the building will contain hotel guest rooms, and will be at an elevation of approximately 5 feet below existing grade. Proposed redevelopment requires excavation to approximately 10 feet below existing grade (bgs) in the areas to be occupied by the lower cellar level, 5 feet bgs in the area to be occupied by the upper cellar level, and 2 feet bgs across any areas of the site not occupied by the proposed building. Excavations and footings will not be located beneath the groundwater table at the Site. Additionally, demolition activities associated with the current structures maintained at the Site are planned during the course of the planned redevelopment activities.

A scoping meeting was conducting with OER, the property owner's representative and Impact Environmental on Wednesday March 28th, 2012. Based on the information from this meeting, an Investigation Work Plan (IWP) was created and submitted to OER in April 2012. Said IWP was shortly thereafter approved by OER.

Summary of Past Uses of Site and Areas of Concern

A review of historical documentation revealed that Lots 23 and 25 have maintained residential dwellings since at least 1898. The existing buildings were historically heated by fuel oil. An inactive fuel oil fill port, indicative of a UST was observed on Lot 23. No documentation was available regarding the proper decommissioning of the fuel oil tank maintained on the Site. This lack of documentation represents a recognized environmental condition. An inactive fuel oil fill port was also observed in the northeast corner of the residential building on Lot 25, however further investigation revealed it to be associated with an existing inactive fuel oil above ground storage tank located in the basement of the building.

Several off-site confirmed or potential contamination sources were identified to exist within the ASTM search radius. Specifically, a review of available records revealed that a NYSDEC Spill (Spill No. 9805230) had occurred at 38-28 28th Street, located contiguously south of the Site. The NYSDEC Spill was a result of a #2 fuel oil tank test failure and was closed on April 27, 1999. An auto repair facility was maintained at 38-27 28th Street, located directly across 28th Street, east of the Site. A manufacturing facility was historically maintained at 38-30 28th Street, approximately 100 feet south of the Site. In addition, the Site is listed as a "hazardous-e" designation.

The AOCs identified for this Site include:

1. Suspected fuel oil tank at the Site with no documentation regarding proper decommissioning.
2. Closed NYSDEC Spill on adjacent property to the south (38-28 28th Street) due to a #2 fuel oil tank test failure and auto repair facility and historic manufacturing facility on adjacent Sites.
3. Historic fill material.

Summary of the Work Performed under the Remedial Investigation

Impact Environmental performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);

2. Installed seven soil probes on the Site and collected 12 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three 1-inch groundwater monitoring wells and one temporary monitoring well throughout the Site to establish groundwater flow, but at 65 feet below existing grade groundwater was not encountered.
4. Installed 2 soil vapor probes and 3 sub-slab vapor points on the Site and collected 5 samples for chemical analysis with summa canisters

Summary of Environmental Findings

1. The Topographic elevation of the property is approximately 35 feet.
2. Depth to groundwater was not encountered to a depth of 65 feet BEG.
3. Groundwater flow is generally anticipated to be towards the west.
4. Depth to bedrock is at the Site is greater than 65 feet BEG.
5. The stratigraphy of the Site, from the surface down, consists of 6" of concrete and asphalt, up to two feet of historic fill material, and below consists of brown clay and medium sand.
6. Soil samples collected during the RI showed no detectable concentrations of PCBs. No VOCs or SVOCs were detected above Track 1 Unrestricted Use SCOs. The only VOC detected was methylene chloride, a common laboratory contaminant. SVOCs were detected at trace concentrations in three samples. Three pesticides, alpha-chlordane, 4,4-DDT, and heptachlor, were identified above Track 1 Unrestricted Use SCOs, but well below their respective Track 2 Restricted Commercial Use SCOs in three soil samples. Arsenic was identified above its Track 2 Restricted Commercial Use SCO at 280 ppm in the same aforementioned sample. Hexavalent chromium, lead, mercury and zinc were identified above Track 1 Unrestricted Use SCOs, but below Track 2 Restricted Commercial Use SCOs. All other samples showed concentrations of metals below Track 1 Unrestricted Use SCOs. Overall, with the exception of the Arsenic hotspot, the results are unremarkable.
7. No groundwater samples were collected during the RI. Three wells were installed to a depth of 65 feet below grade, but no groundwater was encountered.
8. Soil vapor samples (SV-1 through SV-5) collected during the RI detected several chlorinated and petroleum-related compounds at trace to low concentrations. Petroleum-related VOCs were detected below 20 ug/m^3. The chlorinated VOC PCE was identified in four of five samples at a maximum concentration of 286 ug/m^3 which is within the monitor/ mitigate range established

by NYSDOH's Vapor Intrusion Guidance. 1,1,1-TCA was detected in one sample at 2.95 ug/m3 which is below the monitoring range established by NYSDOH. TCE and carbon tetrachloridewere not detected in any soil vapor sample.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

2318 Flatbush Avenue Corporation (Owner) has enrolled in the New York City Volunteer Cleanup Program (NYC VCP) to investigate and remediate a 0.15 acre Site located at 38-20 & 38-26 28th Street, Long Island City, New York. The RI activities were performed between May 23 and May 24, 2012 on 38-20 28th Street and September 16, 2013 on 38-26 28th Street. 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 38-20 & 38-26 28th Street, Long Island City, New York, and is identified as Block 386 and Lots 23 and 25 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 6,918-square feet and is bounded by a residential dwelling to the north; 28th Street by the east and beyond by a residential building with a private automobile garage; a commercial building to the south; and a residential buildings and child care facility to the west. A map of the Site boundary is depicted in **Figure 2**. The Site is approximately 0.15 acres. Lot 23 contains a two-story, masonry and wood residential building with a basement constructed prior to 1898, with an approximate footprint of 1,250 square feet and a one-story timber private automobile garage. Lot 25 contains a two-story, masonry and wood residential building with a basement constructed prior to 1898, with an approximate footprint of 1,100 square feet and an above ground pool and wood deck structure in the rear yard. The buildings on Lots 23 and 25 were utilized as residential dwellings and are currently vacant.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a hotel structure. Layout of the proposed site development is presented in **Figure 3**. The current zoning designation is M1-2/R5B (mixed residential and manufacturing use). The proposed use is consistent with existing zoning for the property.

The proposed redevelopment plan and end use of the property will consist of a residential hotel. Under current redevelopment plans, one four-story structure will be constructed with 47 total guest rooms,

with a breakfast area. The cellar level (lowest level) is split between two elevations: the cellar level in the front half of the building will contain utility rooms and will be at an elevation of approximately 10 feet below existing grade; the cellar level in the rear of the building will contain hotel guest rooms, and will be at an elevation of approximately 5 feet below existing grade. Proposed redevelopment requires excavation to approximately 10 feet below existing grade (bgs) in the areas to be occupied by the lower cellar level, 5 feet bgs in the area to be occupied by the upper cellar level, and 2 feet bgs across any areas of the site not occupied by the proposed building. Excavations and footings will not be located beneath the groundwater table at the Site. Additionally, demolition activities associated with the current structures maintained at the Site are planned during the course of the planned redevelopment activities.

The remedial action contemplated under this RAWP may be implemented independently of the proposed redevelopment plan.

1.3 Description of Surrounding Property

The area surrounding the Site consists of residential properties. **Figure 4** depicts the surrounding land usage of the adjacent properties listed below as well as additional properties located up to 500 feet away from the Site. No hospitals or schools are located within a 250 ft radius of the Site.

Surrounding Property Usage

Direction	Property Description
North – Adjacent property	Block 386, Lot 20 (38-12 28th Street) –The building is currently used as a multi-family walk-up with a total of 5 units.
South – Adjacent property	Block 386, Lot 127 (38-28 28th Street) – Commercial building, currently utilized as a cabinetry shop.
East – Opposite side of 28th Street	Block 385, Lots 5 and 7(38- 23 28th Street, 38-17 28th Street) – Both lots are developed with two family residential buildings.
West – Adjacent property	Block 386, Lots 4, 5 and 6 (38-19 27th Street, 38-21 27th Street, 38-23 27th Street)– All lots are developed with two family residential buildings, one of the buildings also utilizing a children's care facility.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A review of historical documentation revealed that Lots 23 and 25 have maintained residential dwellings since at least 1898. The existing buildings were historically heated by fuel oil. An inactive fuel oil fill port, indicative of a UST was observed on Lot 23. No documentation was available regarding the proper decommissioning of the fuel oil tank maintained on the Site. This lack of documentation represents a recognized environmental condition. An inactive fuel oil fill port was also observed in the northeast corner of the residential building on Lot 25, however further investigation revealed it to be associated with an existing inactive fuel oil above ground storage tank located in the basement of the building.

Several off-site confirmed or potential contamination sources were identified to exist within the ASTM search radius. Specifically, a review of available records revealed that a NYSDEC Spill (Spill No. 9805230) had occurred at 38-28 28th Street, located contiguously south of the Site. The NYSDEC Spill was a result of a #2 fuel oil tank test failure and was closed on April 27, 1999. An auto repair facility was maintained at 38-27 28th Street, located directly across 28th Street, east of the Site. A manufacturing facility was historically maintained at 38-30 28th Street, approximately 100 feet south of the Site. In addition, the Site is listed as a "hazardous-e" designation.

2.2 Previous Investigations

Impact Environmental has not been made aware of any previous subsurface investigations conducted at the Site.

2.3 Site Inspection

Michael Venezia of Impact Environmental performed the site inspection of Lot 23 on March 23, 2012. The reconnaissance included a visual inspection of the Site, the sidewalk immediately in front of Lot 23, and the exterior of adjacent properties. At the time of the inspection, Lot 23 consisted of a two story residential apartment building with a basement and a one story automobile garage. The basement/cellar encompassed the full footprint of the building. The surface area of Lot 23 consisted of asphalt parking areas and concrete walkways. An inactive fuel oil fill port, indicative of a UST was

observed in the northeast corner of the lot and there was no evidence observed of the removal of a UST or of an AST in the basement/cellar.

Benjamin Hernandez of Impact Environmental performed a site inspection of Lot 25 on August 9, 2013. The reconnaissance included visual inspection of Lot 25, the sidewalk immediately in front of Lot 25, the exterior of adjacent properties and site building interior. At the time of inspection, Lot 25 consisted of a two story residential building with basement and an above-ground pool and wood deck structure in the rear yard of the Lot. The basement/cellar encompassed the full footprint of the building. The surface area of Lot 25 consisted of asphalt and concrete walkways. A vent and fill port associated with an inactive fuel oil AST in the basement/cellar was observed in the northeast corner of the building.

3.4 Areas of Concern

The AOCs identified for this Site include:

1. Suspected fuel oil tank at the Site (Lot 23) with no documentation regarding proper decommissioning.
2. Closed NYSDEC Spill on adjacent property to the south (38-28 28th Street) due to a #2 fuel oil tank test failure and auto repair facility and historic manufacturing facility on adjacent Sites.
3. Historic fill material.

A copy of the Phase 1 Report is presented in **Appendix A.**

3.0 PROJECT MANAGEMENT

3.1 Project Organization

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

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Impact Environmental performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed seven soil probes on the Site, and collected 12 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two 1-inch groundwater monitoring wells and one temporary groundwater monitoring well throughout the Site to establish groundwater flow; however, at 65 feet BEG groundwater was not encountered.
4. Installed a total of three soil vapor probes and two sub-slab vapor probes on the Site and collected five samples for chemical analysis with summa canisters.

4.1 Geophysical Investigation

On May 24, 2012 a geophysical survey was performed over portions of the planimetric surface of Lot 23 utilizing a GSSI model SIR-2 ground penetrating radar (GPR) system equipped with a 400MHz antenna. The survey was performed to determine if any fuel oil UST(s) are still present on the Site associated with a fuel oil port observed in the northeastern portion of the lot. The analysis of the data collected from the survey failed to identify any subsurface anomalies that could be interpreted to represent a UST. Based on the survey and further investigation, it was determined that said fill port was likely associated with a fuel oil AST historically maintained in the basement of the building on Lot 23. The fuel oil port and vent observed on the northeast corner of the building on Lot 25 was determined to be associated with an existing inactive fuel oil above ground storage tank located in the basement, therefore a geophysical survey was not conducted on Lot 25.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 50 KHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the subsurface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel

back to the control unit represented as color graphic images for interpolation. This system is capable of transmitting electromagnetic energy in the frequency range of 16MHz to 2000MHz.

A qualified technician specified a coordinate system on the planimetric surface of the site to map any subsurface dielectric anomalies detected on the premises. The operator used knowledge of the subsurface soil composition to calibrate the SIR-2 system to site-specific conditions. Factor settings such as range, gain, number of gain points, and scans per unit, were modified to yield the most accurate data to describe the subsurface conditions.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On May 24, 2012 a total of five soil borings (SB-1 through SB-5) were installed in Lot 23 and on September 16, 2013 a total of two soil borings (SB-6 and SB-7) were installed in Lot 25. The approximate locations of the soil borings are depicted on **Figure 5**. The seven soil boring locations were chosen to gain representative soil and groundwater quality information across the Site. Soil borings SB-1, SB-2, SB-4, SB-5 and SB-6 were installed throughout the Site external to the current structures and SB-3 and SB-7 were installed within the basements of the existing buildings on the Site.

For each of the seven soil borings, soil samples were collected continuously from grade to their respective final depth below existing grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors. A PID does not respond to all compounds similarly, rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated to the compound isobutylene, as published by the manufacturer. The PID has a minimum detection limit of 0.1 parts per million (ppm). This meter measures the hydrocarbon concentrations in isolated portions of the secured samples.

Headspace analyses were conducted on each soil sample by partially filling a zip-loc bag and sealing it, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the headspace, the container was agitated for a period of 30 seconds. The probe of the PID was placed within the headspace to measure the organic vapors present.

The PID did not detect concentrations of VOCs and visually stained soil was not observed in any of the soil borings.

From each soil boring, one soil grab sample was retained representing the interval 0 to 2 feet below grade and one soil grab sample was retained representing the bottom two foot interval, which varied in several boreholes in order to represent the various excavation depths for the proposed basement. Bottom soil samples were collected at 12 feet BEG in borings SB-1, SB-2, SB-4 and SB-5, representing the deepest proposed excavation depth. Bottom soil samples were collected at 5 feet BEG in SB-6, representing the shallower proposed basement section excavation depth. Soil samples were collected at 2 feet below foundation slab in the basements of the two existing buildings in borings SB-3 and SB-7, representing approximately 10 feet below existing site grade or bottom of proposed excavation.

Subsurface soil at the Site consisted of historic fill, which was primarily comprised of brick, stone, gravel in a brown silty sand matrix. Historic fill was encountered at a depth interval of 0 to 2 feet below grade surface (bgs) at borings SB-1, SB-2, SB-4, SB-5 and SB-6 and at 0 to 2 feet below concrete slab, or approximately 10-12 feet bgs at borings SB-3 and SB-7 located in the basements of the existing buildings. Clay and medium to fine sand was encountered at 3 to 12 feet bgs at borings SB-1, SB-2, SB-4, SB-5 and at 3 to 5 feet bgs at boring SB-6.

Soil borings SB-1, SB2 and SB-4 were developed into permanent groundwater monitoring wells GW-1, GW-2 and GW-3 respectively. Soil boring SB-6 was developed into temporary groundwater monitoring well GW-4.

Boring logs were prepared by a QEP are attached in **Appendix B**. A map showing the location of soil borings and monitor wells is depicted in **Figure 5**.

Groundwater Monitoring Well Construction

A total of three permanent 1-inch monitoring wells were installed in Lot 23 on May 24, 2012. During the installation of these wells, groundwater was not encountered (the soil appeared to be damp, not saturated). Accordingly, these wells were installed to a deeper depth. At a depth of 55' bgs, groundwater was not encountered. At this point, OER was contacted and updated regarding the depth of these wells and the absence of groundwater. On September 16, 2013 a temporary monitoring well was developed from SB-6 in Lot 25 to a further depth of 65 feet bgs, groundwater was also not encountered. Groundwater monitoring well installation locations are depicted in **Figure 5**.

Survey

Soil borings and wells were located to the nearest 0.10 foot with respect to two or more permanent site features.

Water Level Measurement

At a depth of 65' bgs groundwater was not encountered. Accordingly, groundwater analysis and site-specific flow direction, has been omitted from this RIR.

4.3 Sample Collection and Chemical Analysis

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

Soil Sampling

Soil probes SB-1, SB-2, SB-4, SB-5 and SB-6 were installed throughout the Site external to the current structures. Subsurface samples were collected from each boring at depth intervals 0'-2' bgs and at 12 feet bgs in borings SB-1, SB-2, SB-4 and SB-5, representing the deepest proposed excavation depth and at 5 feet bgs in SB-6, representing the shallower proposed basement section excavation depth. Soil probes SB-3 and SB-7 were installed within the basements of the buildings currently maintained onsite. Subsurface soil samples were collected at a depth of approximately 2' below the existing basement slabs (approximately 10' below the Site's grade). Samples were collected utilizing a 5-foot long Macro Core sampler fitted with dedicated acetate liners. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Table 2**. **Figure 5** depicts the location of samples collected in this investigation. Laboratories and analytical methods are shown below

Each of the 12 soil samples were collected in pre-cleaned, laboratory supplied glassware, appropriately labeled, stored in a cooler with ice and submitted for analysis under proper chain of custody procedures

to Alpha Analytical Laboratories (Alpha) of Westborough, MA, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11148). Soil samples were analyzed for the presence of VOCs by EPA Method 8260, semi-volatile organic compounds (SVOCs-BN) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and target analyte list (TAL) metals by EPA Method 6010. Each piece of sampling or other down hole equipment was decontaminated by wiping clean, washing with Alconox solution, rinsing with deionized water and air drying prior to each use in order to ensure that cross-contamination between sampling locations did not occur. Decontamination procedures were performed in an area segregated from any sampling areas.

Groundwater Sampling

A total of three permanent 1-inch monitoring wells and one temporary monitoring well were installed on the Site. Regional groundwater depth was reported to be approximately 25' BEG. During the installation of these wells, groundwater was not encountered. Accordingly, these wells were installed deeper. At a depth of 65' BEG, groundwater was not encountered. At this point, OER was contacted and updated regarding the depth of these wells and the lack of obtaining groundwater. OER then agreed that the groundwater requirement would be omitted due to the aforementioned circumstances.

Soil Vapor Sampling

On May 24, 2012 two soil vapor probes, SV-1 and SV-3, were installed on Lot 23 exterior to the existing building and one sub-slab vapor point, SV-2, was installed within the building basement. On September 16, 2013 two sub-slab vapor points, SV-4 and SV-5, were installed on Lot 25 within the building basement. Soil vapor sampling locations are depicted in **Figure 5**. Soil vapor samples from SV-1 and SV-3 were collected at a depth of 10 feet bgs and sub-slab vapor samples collected from SV-2, SV-4 and SV-5 were collected at a depth approximately 2 feet below the basement slabs. Soil vapor sample collection data is reported in **Table 3**. Soil vapor sampling logs are included in **Appendix C**. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

The Geoprobe® soil vapor implants were inserted down the bore at the appropriate depth. The implant was then slid down the bore to an anchor point. As probe rods were removed from the hole, the implant and associated tubing remain firmly anchored at the bottom. The implants are constructed of double woven stainless steel wire screen. All end fittings are stainless steel as well. Following the acquisition of the samples, the bore hole was then filled with sand, sealed with grout and backfilled to

grade. The permanent sub-slab soil vapor sampling port was installed as per the following procedure. A 3/8-inch diameter hole was drilled through the concrete slab using an electric drill. The drill bit was advanced approximately 2-feet into the sub-slab material to create an open cavity. The vapor probe consisted of a length of stainless steel tubing which was then inserted into the hole. Approximately 1-inch of coarse sand was inserted into the hole to cover the tip of the probe. The tubing implant was sealed to the surface with a non-VOC containing material consisting of permagum grout.

Each of the five (5) sampling locations (SV-1 through SV-5) were first tested using a tracer gas (helium) for follow-up quality assurance/quality control verification of the integrity of the sampling point seal, in accordance with NYS DOH Final Guidance on Soil Vapor Intrusion (October 2006). As suggested in the NYS DOH Final Guidance on Soil Vapor Intrusion Figure 2.4(b), the soil vapor point was enclosed with a fabricated can equipped with two valves. The ¼ inch diameter soil probe polyethylene tubing was connected to the interior can valve, which was connected to a 6-liter Summa® canister. The enclosure can was secured and sealed to the ground surface with modeling clay and the helium tracer gas was introduced into the enclosure can through the second valve.

Following verification that the surface seal was tight, three volumes (i.e., the volume of the sample probe) of air was purged from the implant using a vacuum pump. After purging, a laboratory supplied pre-cleaned 6-liter Summa® canister, fitted with a 24-hour (SV-1, SV-2, SV-3) or a 2-hour (SV-4, SV-5) flow regulator, was attached to the surface tube of each of the six soil vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a field log. Sampling then proceeded by fully opening the flow control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field log and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury, at the end of the respective sampling duration, the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The soil gas sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister, on a sample log sheet, and the laboratory chain of custody (**Appendix D**). Samples were submitted to Alpha Analytical for laboratory analysis of VOCs EPA Method

TO-15 and Helium gas detection. Methodologies used for soil vapor assessment conform to the NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.

Chemical Analysis

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

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

Results of Chemical Analyses

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

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

Subsurface soil at the Site consisted of concrete and asphalt at grade surface to 6-inches bgs, from 6-inches to 4-feet bgs consisted of native clay and medium brown sand, and from 4feet bgs to 12-feet bgs consisted of small amounts of clay and fine to medium brown sand. Bedrock was not encountered at any of the soil borings during this investigation.

Hydrogeology

Regional groundwater was reported to be approximately 25' BEG but during installation of these wells ground water was never encountered even at a depth of 65' BEG.

5.2 Soil Chemistry

Laboratory analysis of soil samples collected during the RI did not detect Polychlorinated biphenyls (PCBs) in any of the soil samples. BTEX was not detected in any of the soil samples and one volatile organic compound (VOC) was detected at trace levels below Track 1 Unrestricted Use SCOs. Several SVOCs were detected at trace levels below Track 1 Unrestricted Use SCOs. Three pesticides, alpha-chlordane, 4,4-DDT, and heptachlor, were identified above Track 1 Unrestricted Use SCOs, but well below their respective Track 2 Restricted Commercial Use SCOs in three soil samples. Arsenic was identified above its Track 2 Restricted Commercial Use SCO at 280 ppm in the same aforementioned sample. Hexavalent chromium, lead, mercury and zinc were identified above Track 1 Unrestricted Use SCOs, but below Track 2 Restricted Commercial Use SCOs. Overall, the results were consistent with observations of historic fill material at sites throughout NYC, with the exception of basement sub-slab soil sample SB-3 which showed high concentrations of arsenic and alpha chlordane and therefore will be treated as a hotspot.

A summary table of data for chemical analyses performed on soil samples is included in **Table 2**. Results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (Track 1) and Restricted Residential Soil Cleanup Objectives (Track 2) as presented in 6NYCRR Part 375-6.8 and CP-51. A copy of the

laboratory report is provided in **Appendix D**. **Figure 6** depicts the location and posts the values for soil/fill that exceeds Track 1 and Track 2 SCOs.

5.3 Soil Vapor Chemistry

Laboratory analysis of soil vapor and sub-slab vapor samples indicated trace to low level detections of several petroleum-related and chlorinated VOCs in all samples at concentrations below 20 ug/m^3. PCE was detected in several samples with a maximum concentration of 286 ug/m^3. TCA was detected at low concentration (2.95 ug/m^3) in one sample; TCE, carbon tetrachloride and vinyl chloride were not detected in any of the samples.

A summary table of data for chemical analyses performed on soil vapor samples is included in **Table 3**. **Figure 7** depicts the location and posts the values for soil vapor samples with detected concentrations.

5.4 Prior Activity

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

5.5 Impediments to Remedial Action

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

TABLES

Table 1: Field Headspace Analysis Results

Sample ID	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7
Unit	*ppm*	*ppm*	*ppm*	*ppm*	*ppm*	*ppm*	*ppm*
Depth BGS							
0'-2'	**<1**	**<1**	**n/a**	**<1**	**<1**	**0**	**n/a**
2'-4'	**<1**	**<1**	**n/a**	**<1**	**<1**	**0**	**n/a**
4'-6'	**<1**	**<1**	**n/a**	**<1**	**<1**	**0**	**n/a**
6'-8'	**<1**	**<1**	**n/a**	**<1**	**<1**	**n/a**	**n/a**
8'-10'	**<1**	**<1**	**n/a**	**<1**	**<1**	**n/a**	**n/a**
10'-12'	**<1**	**<1**	**<1**	**<1**	**<1**	**n/a**	**0**

Table 2: Laboratory Analysis Results [Soil] - Volatile Organic Compounds
Location: 38-20 28th Street
Long Island City, New York

CAS Number	Parameter Name	Parameter ID	NYCRR Part 375 Unrestricted Use	NYCRR Part 375 Restricted-Residential Use	SB-1 (0'-2')	SB-1 (10'-12')	SB-2 (0'-2')	SB-2 (10'-12')	SB-3	SB-4 (0'-2')	SB-4 (10'-12')	SB-5 (0'-2')	SB-5 (10'-12')
	Date				5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012
	Unit		*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
71-55-6	1,1,1-Trichloroethane	VOC	680	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	VOC	270	26,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-35-4	1,1-Dichloroethene	VOC	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	VOC	3,600	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	VOC	1,100	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	VOC	20	3,100	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	VOC	8,400	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	VOC	2,400	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	VOC	1,800	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
123-91-1	1,4-Dioxane	VOC	100	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
78-93-3	2-Butanone	VOC	120	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
67-64-1	Acetone	VOC	50	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	VOC	60	4,800	ND	ND	ND	ND	ND	ND	ND	ND	ND
56-23-5	Carbon Tetrachloride	VOC	760	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-90-7	Chlorobenzene	VOC	1,100	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	VOC	370	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	VOC	250	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	VOC	1,000	41,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-09-2	Methylene Chloride	VOC	50	100,000	ND	ND	2.7 J	2.2 J	2.6 J	ND	ND	ND	ND
1634-04-4	Methyl Tert-Butyl Ether	VOC	930	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	VOC	12,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
104-51-8	n-Butylbenzene	VOC	12,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
103-65-1	n-Propylbenzene	VOC	3,900	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
135-98-8	sec-Butylbenzene	VOC	11,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
98-06-6	tert-Butylbenzene	VOC	5,900	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	VOC	1,300	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	VOC	700	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1330-20-7	Total Xylenes	VOC	260	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
156-60-5	trans-1,2-Dichloroethene	VOC	190	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
79-01-6	Trichloroethene	VOC	470	21,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
75-01-4	Vinyl Chloride	VOC	20	900	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: Shaded values indicate an exceedance of NYCRR 375 Unrestricted & Restricted-Residential Use SCO values.

Notes ug/kg = micrograms per kilogram (ppb)

Table 2: Laboratory Analysis Results [Soil] - Semi-Volatile Organic Compounds
Location: 38-20 28th Street
Long Island City, New York

CAS Number	Parameter Name	Parameter ID	NYCRR Part 375 Unrestricted Use	NYCRR Part 375 Restricted-Residential Use	SB-1 (0'-2')	SB-1 (10'-12')	SB-2 (0'-2')	SB-2 (10'-12')	SB-3	SB-4 (0'-2')	SB-4 (10'-12')	SB-5 (0'-2')	SB-5 (10'-12')
	Date				5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012
	Unit		*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
95-48-7	2-Methylphenol	SVOC	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
83-32-9	Acenaphthene	SVOC	20,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
208-96-8	Acenaphthylene	SVOC	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
120-12-7	Anthracene	SVOC	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
56-55-3	Benzo-a-Anthracene	SVOC	1,000	1,000	ND	ND	ND	ND	45 J	ND	ND	ND	ND
50-32-8	Benzo-a-Pyrene	SVOC	1,000	1,000	ND	ND	ND	ND	42 J	ND	ND	ND	ND
205-99-2	Benzo-b-Fluoranthene	SVOC	1,000	1,000	ND	ND	ND	ND	58 J	ND	ND	ND	ND
207-08-9	Benzo-k-Fluoranthene	SVOC	800	3,900	ND	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	Benzo-g,h,i-Perylene	SVOC	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	SVOC	1,000	3,900	ND	ND	ND	ND	54 J	ND	ND	ND	ND
132-64-9	Dibenzofuran	SVOC	7,000	59,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
53-70-3	Dibenzo-a,h-Anthracene	SVOC	330	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	SVOC	100,000	100,000	ND	ND	ND	ND	100	ND	ND	ND	ND
86-73-7	Fluorene	SVOC	30,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
118-74-1	Hexachlorobenzene	SVOC	0.33b	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND
193-39-5	Indeno(1,2,3-cd)Pyrene	SVOC	500	500	ND	ND	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	SVOC	800	6,700	ND	ND	ND	ND	ND	ND	ND	ND	ND
85-01-8	Phenanthrene	SVOC	100,000	100,000	ND	ND	ND	ND	130	ND	ND	ND	ND
108-95-2	Phenol	SVOC	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	SVOC	100,000	100,000	ND	ND	ND	ND	100	ND	ND	ND	ND

Notes: Shaded values indicate an exceedance of NYCRR 375 Unrestricted, Residential & Restricted-Residential Use SCO values.

Notes ug/kg = micrograms per kilogram (ppb)

Table 2: Laboratory Analysis Results [Soil] - Pesticides PCBs
Location: 38-20 28th Street
Long Island City, New York

CAS Number	Parameter Name	Parameter ID	NYCRR Part 375 Unrestricted Use	NYCRR Part 375 Restricted-Residential Use	SB-1 (0'-2')	SB-1 (10'-12')	SB-2 (0'-2')	SB-2 (10'-12')	SB-3	SB-4 (0'-2')	SB-4 (10'-12')	SB-5 (0'-2')	SB-5 (10'-12')
	Date				5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012
	Unit		*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
72-54-8	4,4-DDD	PESTICIDE	3	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-55-9	4,4-DDE	PESTICIDE	3	8,900	1.95	ND	ND	ND	ND	ND	ND	ND	ND
50-29-3	4,4-DDT	PESTICIDE	3	7,900	5.7	ND	ND	ND	ND	ND	ND	ND	ND
309-00-2	Aldrin	PESTICIDE	5	97	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-84-6	alpha-BHC	PESTICIDE	20	480	ND	ND	ND	ND	ND	ND	ND	ND	ND
5103-71-9	Alpha Chlordane	PESTICIDE	94	4,200	11.0 P	0.988 J	ND	ND	6200 P	2.73	1.07 J	288 P	2.63 P
12674-11-2	Aroclor 1016	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
1104-28-2	Aroclor 1221	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
11141-16-5	Aroclor 1232	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
53469-21-9	Aroclor 1242	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
12672-29-6	Aroclor 1248	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
11097-69-1	Aroclor 1254	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
11096-82-5	Aroclor 1260	PCB	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-85-7	beta-BHC	PESTICIDE	36	360	ND	ND	ND	ND	ND	ND	ND	ND	ND
319-86-8	delta-BHC	PESTICIDE	40	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
60-57-1	Dieldrin	PESTICIDE	5	200	ND	ND	ND	ND	ND	ND	ND	ND	ND
959-98-8	Endosulfan I	PESTICIDE	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
33213-65-9	Endosulfan II	PESTICIDE	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1031-07-8	Endosulfan Sulfate	PESTICIDE	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
72-20-8	Endrin	PESTICIDE	14	11,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
58-89-9	gamma-BHC	PESTICIDE	100	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND
76-44-8	Heptachlor	PESTICIDE	42	2,100	ND	ND	ND	ND	123	ND	ND	ND	ND
1336-36-3	Polychlorinated Biphenyls	PESTICIDE	100	1,000	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: Shaded values indicate an exceedance of NYCRR 375 Unrestricted, Residential & Restricted-Residential Use SCO values.

Notes ug/kg = micrograms per kilogram (ppb)

Table 2: Laboratory Analysis Results [Soil] - Total Metals
Location: 38-20 28th Street
Long Island City, New York

CAS Number	Parameter Name	Parameter ID	NYCRR Part 375 Unrestricted Use	NYCRR Part 375 Restricted-Residential Use	SB-1 (0'-2')	SB-1 (10'-12')	SB-2 (0'-2')	SB-2 (10'-12')	SB-3	SB-4 (0'-2')	SB-4 (10'-12')	SB-5 (0'-2')	SB-5 (10'-12')
	Date				5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012	5/24/2012
	Unit		*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
7440-38-2	Arsenic, As	METAL	13	16	3.4	1.2	4.7	1	280	3.7	3.5	3.4	0.82
7440-39-3	Barium, Ba	METAL	350	400	86	29	49	29	130	50	36	39	22
7440-41-7	Beryllium, Be	METAL	7	72	0.71	0.31	0.44	0.3	0.2	0.44	0.29	0.4	0.25
7440-43-9	Cadmium, Cd	METAL	3	4	0.19 J	ND	ND	ND	0.08 J	ND	0.03 J	ND	ND
7440-47-3	Chromium, Cr	METAL	NA	NA	16	10	21	9.3	7.1	16	8	17	8.2
18540-29-9	Chromium, hexavalent	METAL	1	110	ND	ND	ND	0.5 J	ND	0.2 J	0.19 J	0.21 J	0.2 J
16065-83-1	Chromium, trivalent	METAL	30	180	16	10	21	9.3	7.1	16	8	17	8.2
7440-50-8	Copper, Cu	METAL	50	270	25	14	13	16	14	13	12	10	12
57-12-5	Cyanide	METAL	27	27	ND	ND	ND	ND	ND	ND	ND	ND	ND
7439-92-1	Lead, Pb	METAL	63	400	36	3.8	15	3	28	7.9	2.8	10	2.5
7439-96-5	Manganese, Mn	METAL	1,600	2,000	570	300	260	310	160	340	200	250	230
7439-97-6	Mercury, Hg	METAL	0	1	0.09 J	ND	0.02 J	ND	0.06 J	0.02 J	ND	0.02 J	ND
7440-02-0	Nickel, Ni	METAL	30	310	14	9.6	14	7.7	7	16	7.6	11	8.1
7782-49-2	Selenium, Se	METAL	4	180	1.3	0.55 J	1.3	0.47 J	0.4 J	0.8 J	0.16 J	0.66 J	0.5 J
7440-22-4	Silver, Ag	METAL	2	180	ND	ND	ND	ND	ND	ND	ND	ND	ND
7440-66-6	Zinc, Zn	METAL	109	10,000	80	18	41	17	85	100	26	32	17

Notes: Shaded values indicate an exceedance of NYCRR 375 Unrestricted, Residential & Restricted-Residential Use SCO values.

Notes mg/kg = milligrams per kilogram (ppm)

Table 2 - Soil Analysis Summary
38-20 28th Street, Long Island City NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	SB-6 (0'-2')	SB-6 (3'-5')	SB-7 (0'-2')
		Depth			2' BGS	5' BGS	2' BGS
		Date			9/16/2013	9/16/2013	9/16/2013
	Sample ID	Unit	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
630-20-6	1,1,1,2-Tetrachloroethane	VOC	NA	NA	ND	ND	ND
71-55-6	1,1,1-Trichloroethane (TCA)	VOC	680	100,000a	ND	ND	ND
79-34-5	1,1,2,2-Tetrachloroethane	VOC	NA	NA	ND	ND	ND
79-00-5	1,1,2-Trichloroethane	VOC	NA	NA	ND	ND	ND
76-13-1	1,1,2 Trichloro-1,2,2	VOC	NA	NA	ND	ND	ND
92-52-4	1-1- Biphenyl	SVOC	NA	NA	ND	ND	ND
75-34-3	1,1-Dichloroethane	VOC	270	26,000	ND	ND	ND
75-35-4	1,1-Dichloroethene	VOC	330	100,000a	ND	ND	ND
96-18-4	1,2,3-Trichloropropane	VOC	NA	NA	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	VOC	3,600	52,000	ND	ND	ND
96-12-8	1,2-Dibromo-3-Chloropropane	VOC	NA	NA	ND	ND	ND
106-93-4	1,2-Dibromoethane	VOC	NA	NA	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	VOC	1,100	100,000a	ND	ND	ND
107-06-2	1,2-Dichloroethane	VOC	20c	3,100	ND	ND	ND
78-87-5	1,2-Dichloropropane	VOC	NA	NA	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	VOC	8,400	52,000	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	VOC	2,400	49,000	ND	ND	ND
142-28-9	1,3-Dichloropropane	VOC	NA	NA	ND	ND	ND
542-75-6	1,3-Dichloropropene(cis and	VOC	NA	NA	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	VOC	1,800	13,000	ND	ND	ND
123-91-1	1,4-Dioxane	VOC	100b	13,000	ND	ND	ND
78-93-3	2-Butanone	VOC	120	100,000a	ND	ND	ND
95-49-8	2-Chlorotoluene	VOC	NA	NA	ND	ND	ND
108-10-1	4-Methyl-2-Pentanone	VOC	NA	NA	ND	ND	ND
67-64-1	Acetone	VOC	50	100,000b	ND	ND	ND
107-02-8	Acrolein	VOC	NA	NA	ND	ND	ND
107-13-1	Acrylonitrile	VOC	NA	NA	ND	ND	ND
71-43-2	Benzene	VOC	60	4,800	ND	ND	ND
92-87-5	Benzidine	SVOC	NA	NA	ND	ND	ND
74-97-5	Bromochloromethane	VOC	NA	NA	ND	ND	ND
75-27-4	Bromodichloromethane	VOC	NA	NA	ND	ND	ND
75-25-2	Bromoform	VOC	NA	NA	ND	ND	ND
74-83-9	Bromomethane	VOC	NA	NA	ND	ND	ND
75-15-0	Carbon Disulfide	VOC	NA	NA	ND	ND	ND
56-23-5	Carbon Tetrachloride	VOC	760	2,400	ND	ND	ND
108-90-7	Chlorobenzene	VOC	1,100	100,000a	ND	ND	ND
124-48-1	Chlorodibromomethane	VOC	NA	NA	ND	ND	ND
75-00-3	Chloroethane	VOC	NA	NA	ND	ND	ND
67-66-3	Chloroform	VOC	370	49,000	ND	ND	ND
74-87-3	Chloromethane	VOC	NA	NA	ND	ND	ND
156-59-2	cis-1,2-Dichloroethene	VOC	250	100,000a	ND	ND	ND
74-95-3	Dibromomethane	VOC	NA	NA	ND	ND	ND
75-71-8	Dichlorodifluoromethane	VOC	NA	NA	ND	ND	ND
100-41-4	Ethylbenzene	VOC	1,000	41,000	ND	ND	ND
98-82-8	Isopropylbenzene	VOC	NA	NA	ND	ND	ND
79-20-9	Methyl Acetate	VOC	NA	NA	ND	ND	ND
75-09-2	Methylene Chloride	VOC	50	100,000a	3.4 J	2.6 J	2.2 J
1634-04-4	Methyl Tert-Butyl Ether	VOC	930	100,000a	ND	ND	ND
91-20-3	Naphthalene	SVOC	12,000	100,000a	ND	ND	ND
104-51-8	n-Butylbenzene	VOC	12,000	100,000a	ND	ND	ND
103-65-1	n-Propylbenzene	VOC	3,900	100,000a	ND	ND	ND
99-87-6	p-Isoproplytoluene	VOC	NA	NA	ND	ND	ND
135-98-8	sec-Butylbenzene	VOC	11,000	100,000a	ND	ND	ND
100-42-5	Styrene	VOC	NA	NA	ND	ND	ND
98-06-6	tert-Butylbenzene	VOC	5,900	100,000a	ND	ND	ND
75-65-0	Tertiary Butyl Alcohol	VOC	NA	NA	ND	ND	ND
127-18-4	Tetrachloroethene (PCE)	VOC	1,300	19,000	ND	ND	ND
108-88-3	Toluene	VOC	700	100,000a	ND	ND	ND
1330-20-7	Total Xylenes	VOC	260	100,000a	ND	ND	ND
156-60-5	trans-1,2-Dichloroethene	VOC	190	100,000a	ND	ND	ND
79-01-6	Trichloroethene (TCE)	VOC	470	21,000	ND	ND	ND
75-69-4	Trichlorofluoromethane	VOC	NA	NA	ND	ND	ND
108-05-4	Vinyl Acetate	VOC	NA	NA	ND	ND	ND
75-01-4	Vinyl Chloride	VOC	20	900	ND	ND	ND
87-68-3	Hexachlorobutadiene	SVOC	NA	NA	ND	ND	ND
122-66-7	1,2- Diphenylhydrazine	SVOC	NA	NA	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	VOC	NA	NA	ND	ND	ND
95-95-4	2,4,5-Trichlorophenol	SVOC	NA	NA	ND	ND	ND
88-06-2	2,4,6-Trichlorophenol	SVOC	NA	NA	ND	ND	ND
102-83-2	2,4-Dichlorophenol	SVOC	NA	NA	ND	ND	ND
105-67-9	2,4-Dimethylphenol	SVOC	NA	NA	ND	ND	ND
51-28-5	2,4-Dinitrophenol	SVOC	NA	NA	ND	ND	ND
121-14-2	2,4-Dinitrotoluene	SVOC	NA	NA	ND	ND	ND
606-20-2	2,6-Dinitrotoluene	SVOC	NA	NA	ND	ND	ND
91-58-7	2-Chloronaphthalene	SVOC	NA	NA	ND	ND	ND
95-57-8	2-Chlorophenol	SVOC	NA	NA	ND	ND	ND
91-57-6	2-Methylnaphthalene	SVOC	NA	NA	ND	ND	ND
	Total BTEX				ND	ND	ND
	Total VOCs				3.4 J	2.6 J	2.2 J

Table 2 - Soil Analysis Summary
38-20 28th Street, Long Island City NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	SB-6 (0'-2')	SB-6 (3'-5')	SB-7 (0'-2')
		Depth			2' BGS	5' BGS	2' BGS
		Date			9/16/2013	9/16/2013	9/16/2013
	Sample ID	Unit	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
95-48-7	2-Methylphenol	SVOC	330b	100,000a	ND	ND	ND
88-74-4	2-Nitroaniline	SVOC	NA	NA	ND	ND	ND
88-75-5	2-Nitrophenol	SVOC	NA	NA	ND	ND	ND
91-94-1	3,3-Dichlorobenzidine	SVOC	NA	NA	ND	ND	ND
108-39-4	m-Cresol(s)	SVOC	330b	100,000a	ND	ND	ND
99-09-2	3-Nitroaniline	SVOC	NA	NA	ND	ND	ND
534-52-1	4,6-Dinitro-2-methylphenol	SVOC	NA	NA	ND	ND	ND
59-50-7	4-Chloro-3-methylphenol	SVOC	NA	NA	ND	ND	ND
106-47-8	4-Chloroaniline	SVOC	NA	NA	ND	ND	ND
106-44-5	4-Methylphenol	SVOC	330b	100,000a	ND	ND	ND
100-01-6	4-Nitroaniline	SVOC	NA	NA	ND	ND	ND
100-02-7	4-Nitrophenol	SVOC	NA	NA	ND	ND	ND
83-32-9	Acenaphthene	SVOC	20,000	100,000a	ND	ND	ND
208-96-8	Acenaphthylene	SVOC	100,000a	100,000a	ND	ND	ND
98-86-2	Acetophenone	SVOC	NA	NA	ND	ND	ND
62-53-3	Aniline	SVOC	NA	100000	ND	ND	ND
120-12-7	Anthracene	SVOC	100,000a	100,000a	53 J	ND	ND
1912-24-9	Atrazine	SVOC	NA	NA	ND	ND	ND
100-52-7	Benzaldehyde	SVOC	NA	NA	ND	ND	ND
56-55-3	Benzo-a-Anthracene	SVOC	1,000c	1,000f	190	69 J	ND
50-32-8	Benzo-a-Pyrene	SVOC	1,000c	1,000f	170	60 J	ND
205-99-2	Benzo-b-Fluoranthene	SVOC	1,000c	1,000f	200	81 J	ND
207-08-9	Benzo-k-Fluoranthene	SVOC	800c	3,900	94 J	ND	ND
191-24-2	Benzo-g,h,i-Perylene	SVOC	100,000	100,000a	110 J	41 J	ND
65-85-0	Benzoic Acid	SVOC	NA	NA	ND	ND	ND
100-51-6	Benzyl Alcohol	SVOC	NA	NA	ND	ND	ND
111-44-4	Bis(2-Chloroethyl)ether	SVOC	NA	NA	ND	ND	ND
108-60-1	Bis(2-Chloroisopropyl)ether	SVOC	NA	NA	ND	ND	ND
117-81-7	Bis(2-Ethylhexyl)Phthalate	SVOC	NA	NA	ND	ND	ND
85 68 7	Butylbenzylphthalate	SVOC	NA	NA	ND	ND	ND
105-60-2	Caprolactam	SVOC	NA	NA	ND	ND	ND
86-74-8	Carbazole	SVOC	NA	NA	ND	ND	ND
218-01-9	Chrysene	SVOC	1,000c	3,900	200	75 J	ND
132-64-9	Dibenzofuran	SVOC	7,000	59,000	ND	ND	ND
53-70-3	Dibenzo-a,h-Anthracene	SVOC	330b	330e	ND	ND	ND
84-66-2	Diethyl Phthalate	SVOC	NA	NA	ND	ND	ND
131-11-3	Dimethyl Phthalate	SVOC	NA	NA	ND	ND	ND
84-74-2	Di-n-Butyl Phthalate	SVOC	NA	NA	ND	ND	ND
25321-14-6	Dinitrotoluene(2,4-/2,6-)	SVOC	NA	NA	ND	ND	ND
117-84-0	Di-n-Octyl Phthalate	SVOC	NA	NA	ND	ND	ND
206-44-0	Fluoranthene	SVOC	100,000	100,000a	400	160	ND
86-73-7	Fluorene	SVOC	30,000	100,000a	ND	ND	ND
118-74-1	Hexachlorobenzene	SVOC	330	1,200	ND	ND	ND
77-47-4	Hexachlorocyclopentadiene	SVOC	NA	NA	ND	ND	ND
67-72-1	Hexachloroethane	SVOC	NA	NA	ND	ND	ND
193-39-5	Indeno(1,2,3-cd)Pyrene	SVOC	500c	500f	110 J	43 J	ND
78-59-1	Isophorone	SVOC	NA	NA	ND	ND	ND
98-95-3	Nitrobenzene	SVOC	NA	15000	ND	ND	ND
62-75-9	N-Nitrosodimethylamine	SVOC	NA	NA	ND	ND	ND
621-64-7	N-Nitroso-di-n-Propylamine	SVOC	NA	NA	ND	ND	ND
86-30-6	N-Nitrosodiphenylamine	SVOC	NA	NA	ND	ND	ND
87-86-5	Pentachlorophenol	SVOC	800b	6,700	ND	ND	ND
85-01-8	Phenanthrene	SVOC	100,000	100,000a	300	120	ND
108-95-2	Phenol	SVOC	330b	100,000a	ND	ND	ND
129-00-0	Pyrene	SVOC	100,000	100,000a	340	130	ND
93-76-5	2,4,5-T	HERBICIDE	NA	NA	ND	ND	ND
	Total cPAHs				964	328	ND
	Total SVOCs				2,167	779	ND

Table 2 - Soil Analysis Summary
38-20 28th Street, Long Island City NY

CAS Number	Parameter Name	Parameter ID	NYCRR 375 Unrestricted Use	NYCRR 375 Restricted-Residential	SB-6 (0'-2')	SB-6 (3'-5')	SB-7 (0'-2')
		Depth			2' BGS	5' BGS	2' BGS
		Date			9/16/2013	9/16/2013	9/16/2013
	Sample ID	Unit	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*	*ug/kg*
93-72-1	2,4,5-TP Acid	PESTICIDE	3,800	100,000a	ND	ND	ND
94-75-7	2,4-D	HERBICIDE	NA	NA	ND	ND	ND
72-54-8	4,4-DDD	PESTICIDE	3.3b	13,000	ND	ND	ND
72-55-9	4,4-DDE	PESTICIDE	3.3b	8,900	ND	ND	ND
50-29-3	4,4-DDT	PESTICIDE	3.3b	7,900	ND	ND	ND
309-00-2	Aldrin	PESTICIDE	5c	97	ND	ND	ND
319-84-6	alpha-BHC	PESTICIDE	20	480	ND	ND	ND
5103-71-9	Alpha Chlordane	PESTICIDE	94	4,200	ND	ND	ND
12674-11-2	Aroclor 1016	PCB	NA	NA	ND	ND	ND
1104-28-2	Aroclor 1221	PCB	NA	NA	ND	ND	ND
11141-16-5	Aroclor 1232	PCB	NA	NA	ND	ND	ND
53469-21-9	Aroclor 1242	PCB	NA	NA	ND	ND	ND
12672-29-6	Aroclor 1248	PCB	NA	NA	ND	ND	ND
11097-69-1	Aroclor 1254	PCB	NA	NA	ND	ND	ND
11096-82-5	Aroclor 1260	PCB	NA	NA	ND	ND	ND
319-85-7	beta-BHC	PESTICIDE	36	360	ND	ND	ND
57-74-9	Chlordane	PESTICIDE	NA	NA	ND	ND	ND
319-86-8	delta-BHC	PESTICIDE	40	100,000a	ND	ND	ND
1918-00-9	Dicamba	HERBICIDE	NA	NA	ND	ND	ND
60-57-1	Dieldrin	PESTICIDE	5	200	ND	ND	ND
115-29-7	Endosulfan	PESTICIDE	2400	NA	ND	ND	ND
959-98-8	Endosulfan I	PESTICIDE	2,400	24,000i	ND	ND	ND
33213-65-9	Endosulfan II	PESTICIDE	2,400	24,000i	ND	ND	ND
1031-07-8	Endosulfan Sulfate	PESTICIDE	2,400	24,000i	ND	ND	ND
72-20-8	Endrin	PESTICIDE	14	11,000	ND	ND	ND
58-89-9	gamma-BHC	PESTICIDE	100	1,300	ND	ND	ND
5103-74-2	Gamma Chlordane	PESTICIDE	NA	NA	ND	ND	ND
76-44-8	Heptachlor	PESTICIDE	42	2,100	ND	ND	ND
1024-57-3	Heptachlor Epoxide	PESTICIDE	NA	NA	ND	ND	ND
72-43-5	Methoxychlor	PESTICIDE	NA	NA	ND	ND	ND
56-38-2	Parathion	PESTICIDE	NA	NA	ND	ND	ND
1336-36-3	Polychlorinated Biphenyls	PESTICIDE	100	1,000	ND	ND	ND
8001-35-2	Toxaphene	PESTICIDE	NA	NA	ND	ND	ND
	Unit		*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*	*mg/kg*
7429-90-5	Aluminum, Al	METAL	NA	NA	8400	7200	7300
7440-36-0	Antimony, Sb	METAL	NA	NA	ND	ND	ND
7440-38-2	Arsenic, As	METAL	13c	16f	6.3	2.6	2.1
7440-39-3	Barium, Ba	METAL	350c	400	83	33	35
7440-41-7	Beryllium, Be	METAL	7.2	72	0.48	0.28 J	0.33 J
7440-43-9	Cadmium, Cd	METAL	2.5c	4.3	0.94	0.27 J	0.24 J
7440-47-3	Chromium, Cr	METAL	NA	110	16	16	25
18540-29-9	Chromium, hexavalent	METAL	1b	110	0.36 J	ND	1.5
16065-83-1	Chromium, trivalent	METAL	30c	180	16	16	24
7440-48-4	Cobalt, Co	METAL	NA	NA	5.7	4.3	5
7440-50-8	Copper, Cu	METAL	50	270	38	15	19
57-12-5	Cyanide	METAL	27	27	ND	ND	ND
7439-89-6	Iron, Fe	METAL	NA	NA	11000	12000	9500
7439-92-1	Lead, Pb	METAL	63c	400	360	140	7.7
7439-96-5	Manganese, Mn	METAL	1,600c	2,000f	310	200	260
7439-97-6	Mercury, Hg	METAL	.18c	.81j	1.6	0.6	ND
7440-02-0	Nickel, Ni	METAL	30	310	12	9.5	15
7782-49-2	Selenium, Se	METAL	3.9c	180	0.32 J	ND	ND
7440-22-4	Silver, Ag	METAL	2	180	ND	ND	ND
7440-28-0	Thallium, Ti	METAL	NA	NA	ND	ND	ND
7440-62-2	Vanadium, V	METAL	NA	NA	20	18	20
7440-66-6	Zinc, Zn	METAL	109c	10,000d	150	36	23

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

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

Table 2: Laboratory Analysis Results [Soil] - TCLP Metals
Location: 38-20 28th Street
Long Island City, New York

CAS Number	Parameter Name	Parameter ID	TCLP Hazardous Waste Regulatory Levels	SB-3
	Date			5/24/2012
	Unit		*mg/L*	*mg/L*
7440-38-2	Arsenic, As	METAL	5	5.2
7440-39-3	Barium, Ba	METAL	100	NA
7440-43-9	Cadmium, Cd	METAL	1	NA
7440-47-3	Chromium, Cr	METAL	5	NA
7439-92-1	Lead, Pb	METAL	5	NA
7439-97-6	Mercury, Hg	METAL	0.2	NA
7782-49-2	Selenium, Se	METAL	1	NA
7440-22-4	Silver, Ag	METAL	5	NA

Notes mg/L = milligrams per liter

Table 3: Laboratory Analysis Results [Soil Vapor] - Volatile Organic Compounds
Location: 38-20 28th Street
Long Island City, New York

Parameter Name	Parameter ID	SV-1		SV-2		SV-3	
		ug/m3	ppbV	ug/m3	ppbV	ug/m3	ppbV
1,1,1-Trichloroethane	VOC	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	VOC	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	VOC	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	VOC	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	VOC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	VOC	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	VOC	ND	ND	4.38	0.891	ND	ND
1,2-Dibromoethane	VOC	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	VOC	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	VOC	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	VOC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethybenzene	VOC	ND	ND	1.64	0.334	ND	ND
1,3-Butadiene	VOC	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	VOC	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	VOC	ND	ND	ND	ND	ND	ND
1,4-Dioxane	VOC	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	VOC	ND	ND	1.08	0.232	ND	ND
2-Butanone	VOC	0.726	0.246	3.27	1.11	ND	ND
2-Hexanone	VOC	ND	ND	ND	ND	ND	ND
3-Chloropropene	VOC	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	VOC	ND	ND	1.57	0.32	ND	ND
4-Methyl-2-pentanone	VOC	ND	ND	ND	ND	ND	ND
Acetone	VOC	8.81	3.71	14.2	5.98	34.9	14.7
Benzene	VOC	ND	ND	1.01	0.316	ND	ND
Benzyl chloride	VOC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	VOC	ND	ND	ND	ND	ND	ND
Bromoform	VOC	ND	ND	ND	ND	ND	ND
Bromomethane	VOC	ND	ND	ND	ND	ND	ND
Carbon disulfide	VOC	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	VOC	ND	ND	ND	ND	ND	ND
Chlorobenzene	VOC	ND	ND	ND	ND	ND	ND
Chloroethane	VOC	ND	ND	ND	ND	ND	ND
Chloroform	VOC	ND	ND	2.83	0.58	ND	ND
Chloromethane	VOC	0.925	0.448	0.607	0.294	ND	ND
cis-1,2-Dichloroethene	VOC	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	VOC	ND	ND	ND	ND	ND	ND
Cyclohexane	VOC	ND	ND	ND	ND	ND	ND
Dibromochloromethane	VOC	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	VOC	1.69	0.342	1.66	0.336	ND	ND
Ethanol	VOC	5.56	2.95	5.63	2.99	ND	ND
Ethyl Acetate	VOC	ND	ND	ND	ND	ND	ND
Ethylbenzene	VOC	ND	ND	2.98	0.686	ND	ND
Freon-113	VOC	ND	ND	ND	ND	ND	ND
Freon-114	VOC	ND	ND	ND	ND	ND	ND
Heptane	VOC	ND	ND	1.92	0.468	ND	ND
Hexachlorobutadiene	VOC	ND	ND	ND	ND	ND	ND
Isopropanol	VOC	1.25	0.507	ND	ND	ND	ND
Methyl tert butyl ether	VOC	ND	ND	ND	ND	ND	ND
Methylene chloride	VOC	12.2	3.52	ND	ND	ND	ND
n-Hexane	VOC	1.1	0.312	1.25	0.355	ND	ND
o-Xylene	VOC	ND	ND	4.86	1.12	ND	ND
p/m-Xylene	VOC	ND	ND	13.4	3.08	ND	ND
Propylene	VOC	ND	ND	2.41	1.4	ND	ND
Styrene	VOC	ND	ND	ND	ND	ND	ND
Tetrachloroethene	VOC	ND	ND	32.2	4.75	16.7	2.46
Tetrahydrofuran	VOC	ND	ND	2.14	0.724	ND	ND
Toluene	VOC	4.45	1.18	10.5	2.78	ND	ND
trans-1,2-Dichloroethene	VOC	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	VOC	ND	ND	ND	ND	ND	ND
Trichloroethene	VOC	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	VOC	ND	ND	1.16	0.206	ND	ND
Vinyl acetate	VOC	ND	ND	ND	ND	ND	ND
Vinyl bromide	VOC	ND	ND	ND	ND	ND	ND
Vinyl chloride	VOC	ND	ND	ND	ND	ND	ND

Notes: ug/m3 = micrograms per cubic meter
ppbV = parts per billion by volume

Table 3 - Soil Vapor Analysis Summary
38-20 28th Street, Long Island City NY

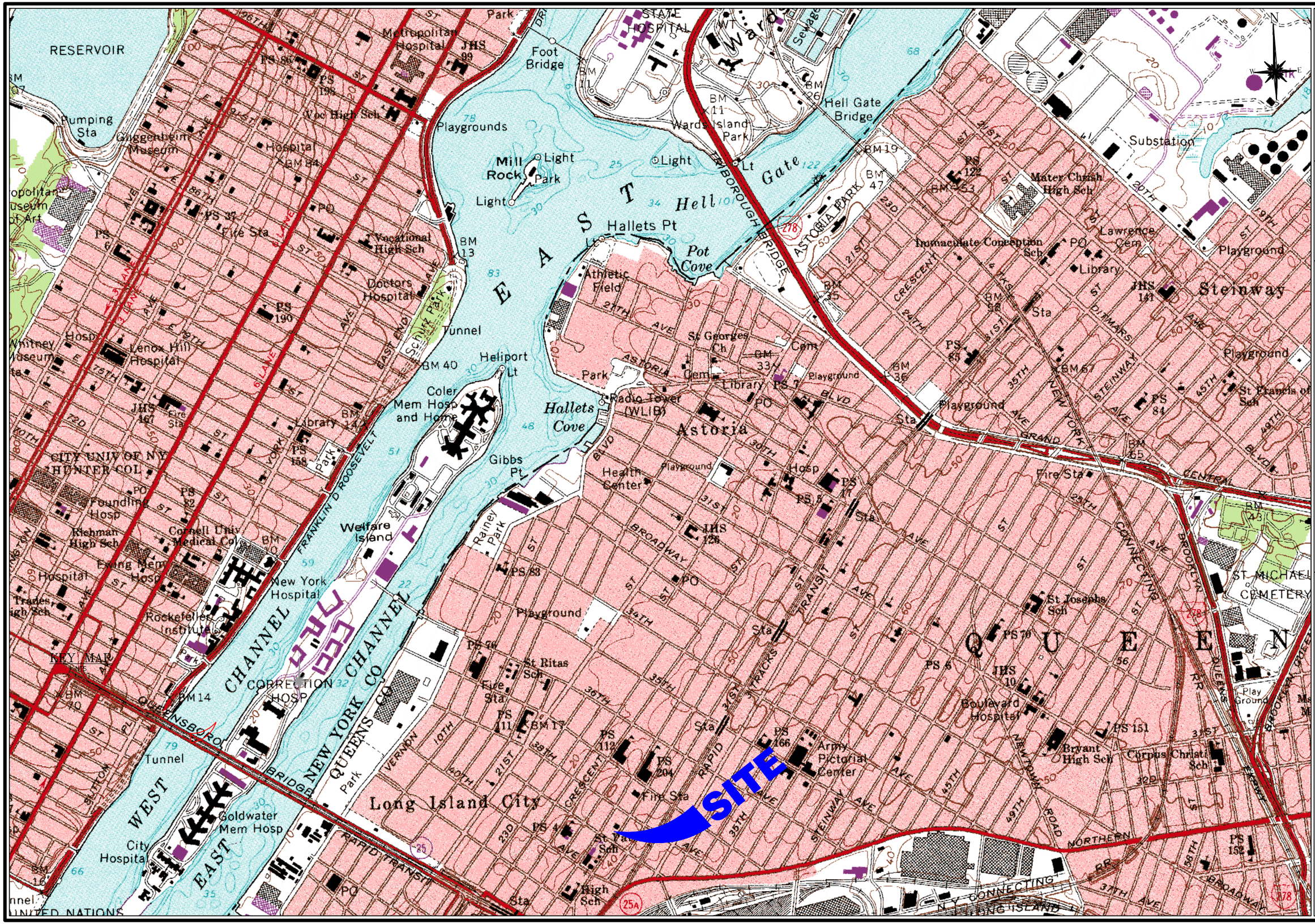
CAS Number	Parameter Name	EPA 2001: BASE Database Indoor Air (90th)	SV-4	SV-5
		Probe Depth	-2ft	-2ft.
		Date	9/16/2013	9/16/2013
	Sample ID	ug/m^3	ug/m^3	ug/m^3
71-55-6	1,1,1-Trichloroethane (TCA)	20.6	2.95	ND
79-34-5	1,1,2,2-Tetrachloroethane	NA	ND	ND
79-00-5	1,1,2-Trichloroethane	1.5	ND	ND
76-13-1	1,1,2 Trichloro-1,2,2 Trifluoroethane	NA	ND	ND
75-34-3	1,1-Dichloroethane	0.7	ND	ND
75-35-4	1,1-Dichloroethene	1.4	ND	ND
95-63-6	1,2,4-Trimethylbenzene	9.5	4.04	9.78
106-93-4	1,2-Dibromoethane	1.5	ND	ND
95-50-1	1,2-Dichlorobenzene	1.2	ND	ND
107-06-2	1,2-Dichloroethane	0.9	ND	ND
78-87-5	1,2-Dichloropropane	1.6	ND	ND
120-82-1	1,2,4-Trichlorobenzene	6.8	ND	ND
108-67-8	1,3,5-Trimethylbenzene	3.7	1.08	2.63
541-73-1	1,3-Dichlorobenzene	2.4	ND	ND
106-99-0	1,3-Butadiene	3	ND	0.555
106-46-7	1,4-Dichlorobenzene	5.5	ND	ND
123-91-1	1,4-Dioxane	NA	ND	1.16
540-84-1	2,2,4-Trimethylpentane	NA	ND	ND
78-93-3	2-Butanone	12	6.11	2.28
591-78-6	2-Hexanone	NA	1.02	ND
108-10-1	4-Methyl-2-Pentanone	6	0.967	1.04
107-05-1	3-Chloropropene	NA	ND	ND
622-96-8	4-Ethyltoluene	3.6	ND	2.56
67-64-1	Acetone	98.9	84.1	26.8
71-43-2	Benzene	9.4	ND	1.72
100-44-7	Benzyl chloride	6.8	ND	ND
75-27-4	Bromodichloromethane	NA	ND	ND
75-25-2	Bromoform	NA	15.6	ND
74-83-9	Bromomethane	1.7	ND	ND
75-15-0	Carbon Disulfide	4.2	4.52	1.77
56-23-5	Carbon Tetrachloride	1.3	ND	ND

Table 3 - Soil Vapor Analysis Summary
38-20 28th Street, Long Island City NY

CAS Number	Parameter Name	EPA 2001: BASE Database Indoor Air (90th)	SV-4	SV-5
		Probe Depth	-2ft	-2ft.
		Date	9/16/2013	9/16/2013
	Sample ID	ug/m^3	ug/m^3	ug/m^3
108-90-7	Chlorobenzene	0.9	ND	ND
124-48-1	Chlorodibromomethane	NA	ND	ND
75-00-3	Chloroethane	1.1	ND	ND
67-66-3	Chloroform	1.1	5.57	ND
74-87-3	Chloromethane	3.7	ND	ND
542-75-6	cis-1,3-Dichloropropene	2.3	ND	ND
156-59-2	cis-1,2-Dichloroethene	1.9	ND	ND
110-82-7	Cyclohexane	NA	ND	ND
75-71-8	Dichlorodifluoromethane	16.5	1.65	1.9
100-41-4	Ethylbenzene	5.7	1.58	ND
64-17-5	Ethanol	210	38.1	232
141-78-6	Ethyl Acetate	5.4	ND	ND
76-14-2	Freon-114	6.8	ND	ND
142-82-5	Heptane	NA	ND	4.26
87-68-3	Hexachlorobutadiene	6.8	ND	ND
67-63-0	Isopropanol	250	4.5	2.04
75-09-2	Methylene Chloride	10	ND	ND
1634-04-4	Methyl Tert-Butyl Ether	11.5	ND	ND
110-54-3	n-Hexane	10.2	ND	4.58
115-07-1	Propylene	NA	1.36	3.7
1330-20-7	p/m-Xylene	22.2	6.73	2.31
95-47-6	o-Xylene	7.9	2.49	1.19
100-42-5	Styrene	1.9	0.992	ND
127-18-4	Tetrachloroethene (PCE)	15.9	286	30.7
109-99-9	Tetrahydrofuran	NA	ND	ND
108-88-3	Toluene	43	3.96	2.08
1330-20-7	Total Xylenes	NA	9.22	3.5
156-60-5	trans-1,2-Dichloroethene	NA	ND	ND
10061-02-6	trans-1,3-Dichloropropene	1.3	ND	ND
79-01-6	Trichloroethene (TCE)	4.2	ND	ND
75-69-4	Trichlorofluoromethane	18.1	4.07	1.4
108-05-4	Vinyl Acetate	NA	ND	ND
593-60-2	Vinyl bromide	NA	ND	ND
75-01-4	Vinyl Chloride	1.9	ND	ND
	Total BTEX		14.76	7.36
	Total VOCs		477.39	336.455

Notes: Shaded values indicate an exceedance of EPA 2001: BASE Database Indoor Air (90th) standards.

FIGURES



PROJECT # 4338-03

Figure # 1

TITLE: Site Location Plan

38-20 28th Street
Long Island City, New York

DRAWN BY:	MV
CHECKED BY:	JC
DATE:	9/05/2012
SCALE:	XX

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TITLE: Site Boundary Map

38-20 28th Street
Long Island City, New York

DRAWN BY:	MV
CHECKED BY:	JC
DATE:	9/05/2012
SCALE:	XX

PROJECT #	4338-03
FIGURE #	2

Project Site Property Boundary

ZONING ANALYSIS

PREMISES: 38–20 28TH STREET, QUEENS, NY

BLOCK: 386 ZONE: M1–2 / R5b

LOT: 23 MAP: 9b

LOT SIZE: 7,018.46 SF

SECT. 43–12 MAX. FAR FOR M1–2 COMMERCIAL BUILDING = 2.0
MAX. PERMITTED FLOOR AREA
= 7,018.46 SF X 2.00 = 14,036.92 SF

ZONING AREA CALCULATION:				
	UNIT	GROSS AREA	DEDUCTION	zoning AREA
CEL. FL	6	3,814		
1ST FL	8	3,814	143.20	3,670.80
2ND FL	11	3,814	377.23	3,436.77
3RD FL	11	3,814	354.11	3,459.89
4TH FL	11	3,814	354.11	3,459.89
TOTAL	47	19,070		14,027.35

TOTAL NET FLOOR AREA = 14,027.35 SF < 14,036.92 SF O.K.

SECT. 43–25 NO SIDE YARDS ARE REQUIRED.

SECT. 43–26 MIN. 20' OF REAR YARD IS REQ'D.
PROPOSED REAR YARD = 30' > 20' O.K.
(GUESTROOM IN CELLAR, NEED AT LEAST 30' REAR YARD)

SECT. 43–43 MIN. FRONT WALL HT BEFORE INITAL SETBACK = 4 STORIES OR 60' WHICHEVER IS LESS.
PROPOSED 4–STORY HOTEL, NO MIN. FRONT YARD REQUIRED.

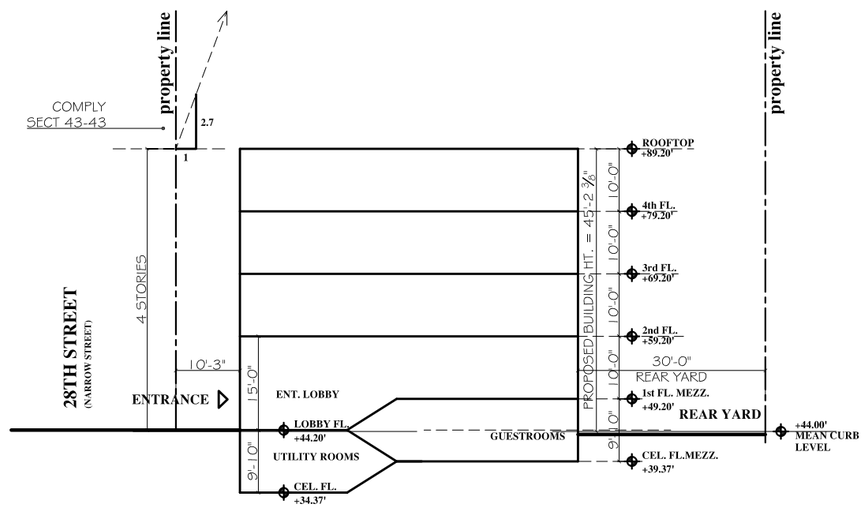
SECT. 44–21 1 PARKING SPACE REQ'D PER 8 GUESTROOMS
PROPOSED 47 GUESTROOM / 8 = 6 PARKING SPACES REQ'D
REQ'D PARKING LESS THAN 15, PARKING CAN BE WAIVED.

ROOM TYPE SCHEDULE

	KING	QUEEN	DOUBLE/DOUBLE	ADA	TOTAL
CEL. FL.	2	4	0	0	6
1ST FL.	4	4	0	0	8
2ND FL.	5	4	2	0	11
3RD FL.	5	4	1	1	11
4TH FL.	5	4	1	1	11
TOTAL	21	20	4	2	47
%	45%	43%	8%	4%	100%

TABLE 1107.6.1.1 ACCESSIBLE DWELLING AND SLEEPING UNITS

(between 26 – 49) 47 OF UNITS PROVIDED, AT LEAST 2 H/C UNITS PROVIDED, NO ROLL–IN SHOWER REQ'D.
PROPOSED TOTAL 2 H/C UNITS ON 3RD, 4TH FLOOR ONLY



SKY EXPLOSURE PLAN

MKA
MICHAEL KANG
ARCHITECT, PLLC.
Architectural, Interior Design, Zoning & Building Code Expertise
37-01 Main Street, Suite #308, Flushing, NY 11354
michaelkangra@yahoo.com
Tel: (718) 353-2929
Fax: (718) 661-1619

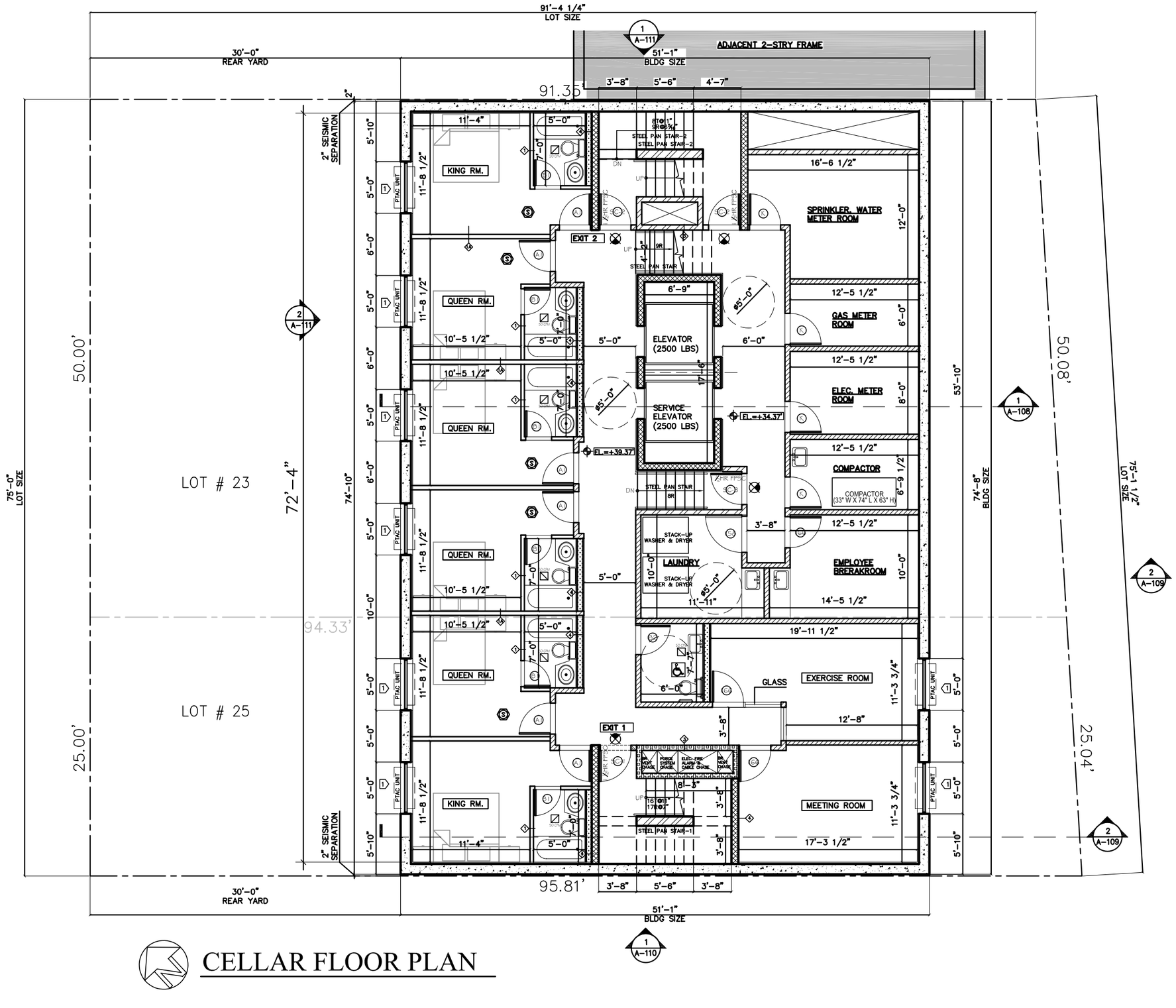
REV.#	DATE	DESCRIPTION

PROJECT TITLE:
38-20, 28th street
QUEENS, NEW YORK

ZONING ANALYSIS

SEAL & SIGNATURE:

DATE: 02-27-13
PROJECT No: 201203
DRAWING BY: C Kuo
CHK BY: M Kang
DWG No:
A-001.00
CADD FILE No: 1 of 6



CELLAR FLOOR PLAN

MKA
MICHAEL KANG
ARCHITECT, PLLC.
Architectural, Interior Design, Zoning & Building Code Expertise
37-01 Main Street, Suite #308, Flushing, NY 11354
michaelkangra@yahoo.com
Tel: (718) 353-2929
Fax: (718) 661-1619

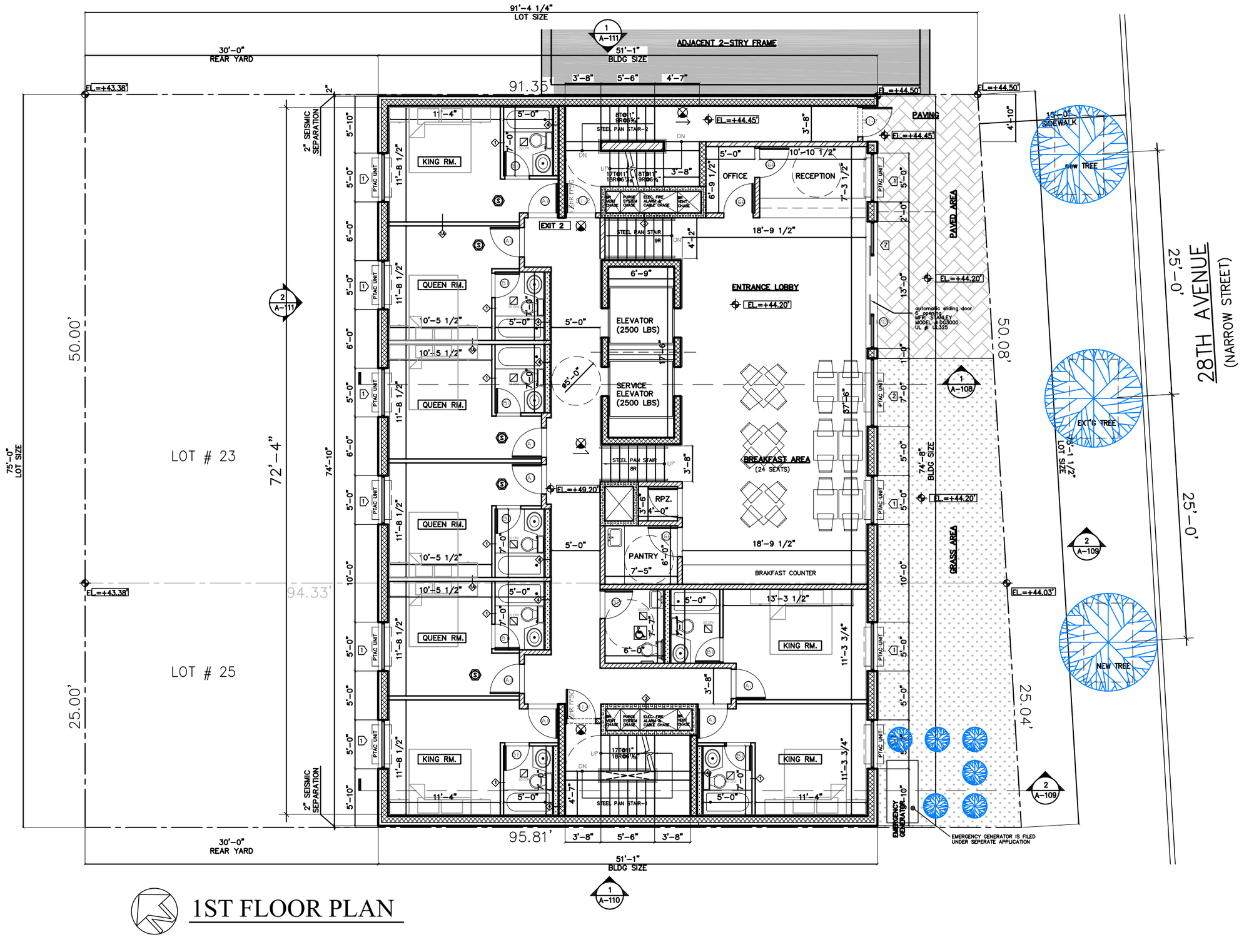
REV.#	DATE	DESCRIPTION

PROJECT TITLE:
38-20, 28th street
QUEENS, NEW YORK

CELLAR FLOOR PLAN

SEAL & SIGNATURE:

DATE:	02-27-13
PROJECT No:	201203
DRAWING BY:	C Kuo
CHK BY:	M Kang
DWG No:	A-002.00
CADD FILE No:	2 of 6



1ST FLOOR PLAN

MKA
MICHAEL KANG
ARCHITECT, PLLC.
Architectural, Interior Design, Zoning & Building Code Expertise
37-01 Main Street, Suite #308, Flushing, NY 11354
michaelkangra@yahoo.com
Tel: (718) 353-2929
Fax: (718) 661-1619

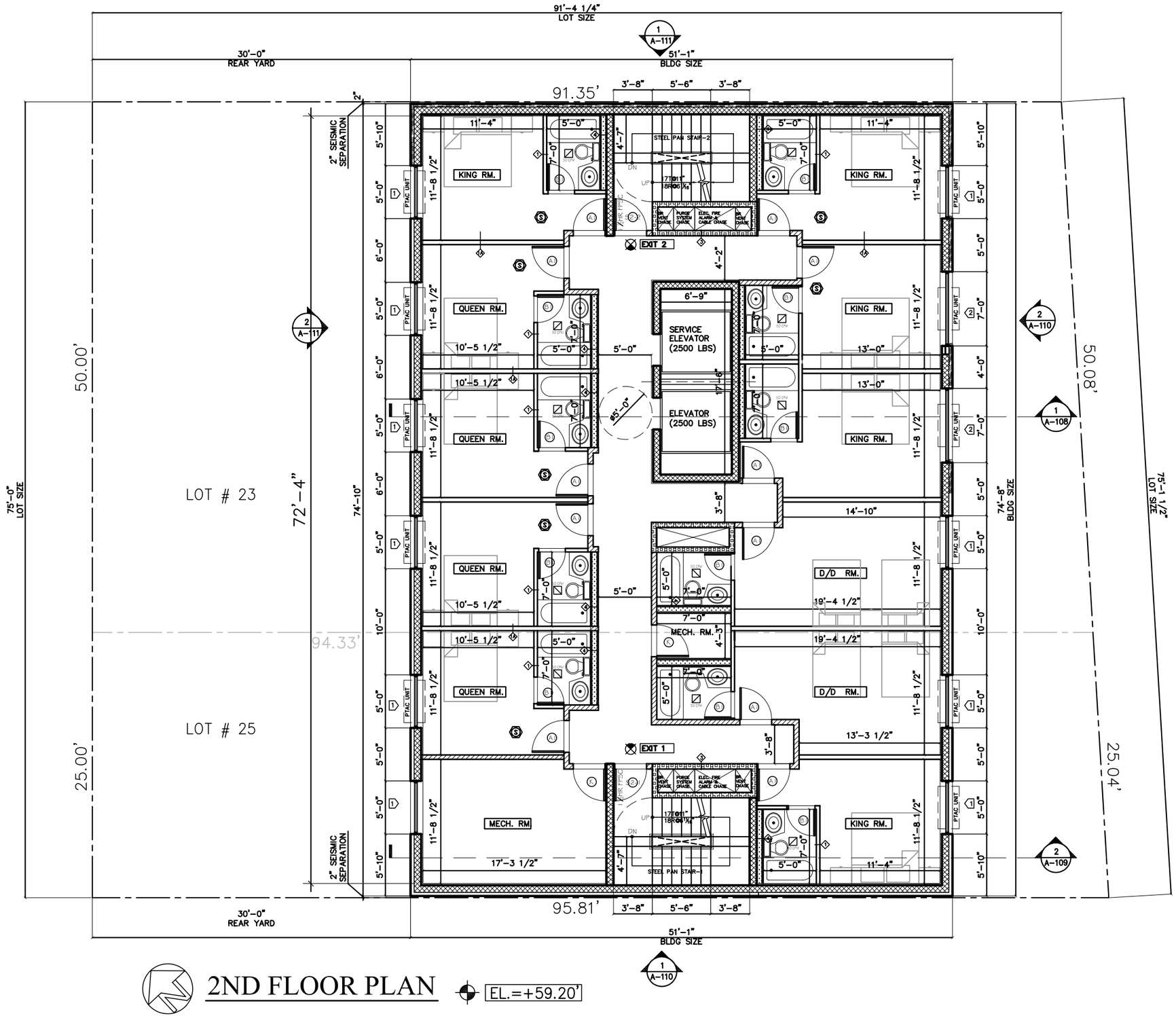
REV.#	DATE	DESCRIPTION

PROJECT TITLE:
38-20, 28th street
QUEENS, NEW YORK

1ST FLOOR PLAN

SEAL & SIGNATURE:

DATE:	02-27-13
PROJECT No:	201203
DRAWING BY:	C Kuo
CHK BY:	M Kang
DWG No:	A-003.00
CADO FILE No:	3 of 6



2ND FLOOR PLAN

EL.=+59.20'

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MICHAEL KANG
ARCHITECT, PLLC.
Architectural, Interior Design, Zoning & Building Code Expertise
37-01 Main Street, Suite #308, Flushing, NY 11354
michaelkangra@yahoo.com
Tel: (718) 353-2929
Fax: (718) 661-1619

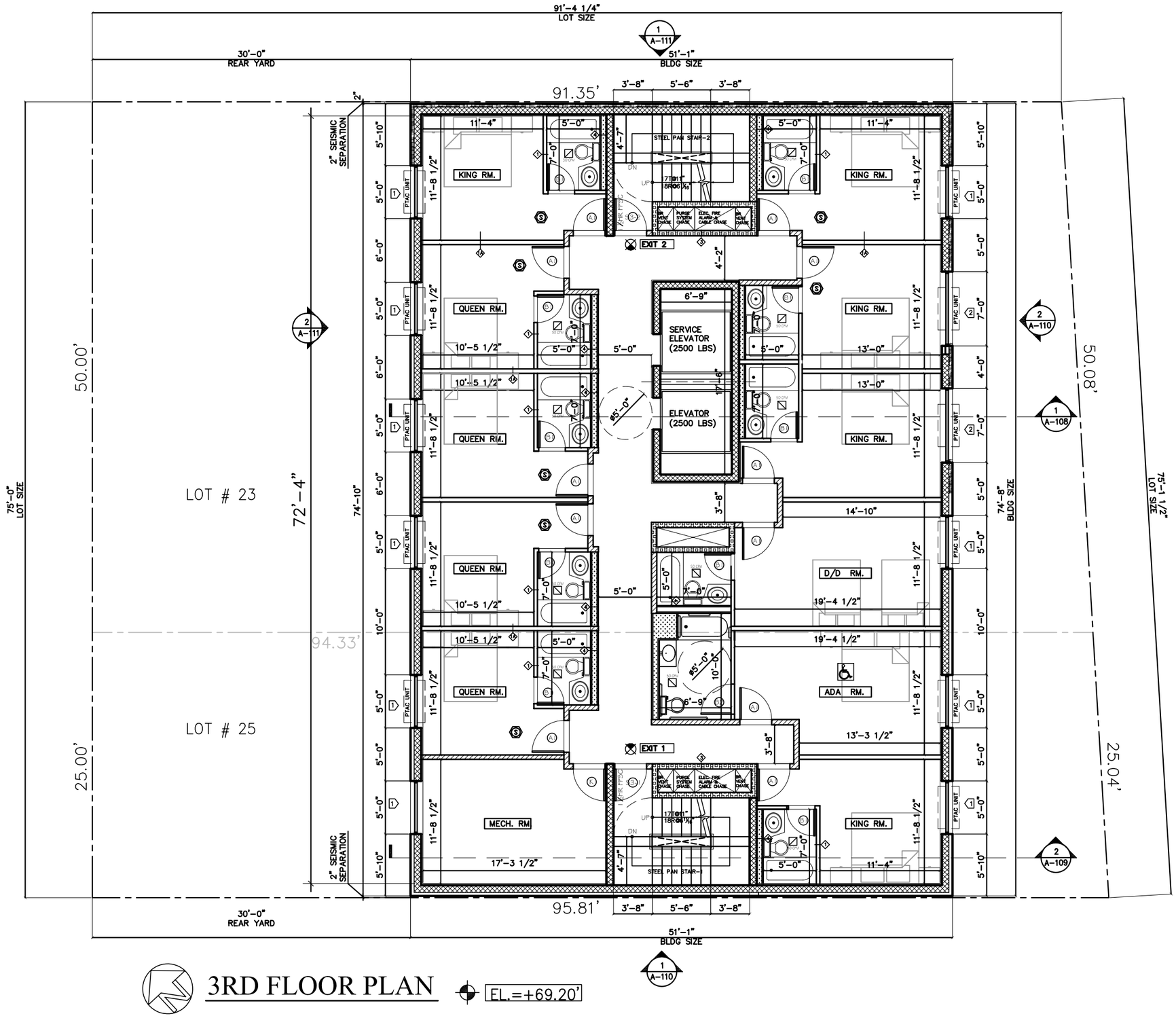
REV.#	DATE	DESCRIPTION

PROJECT TITLE:
38-20, 28th street
QUEENS, NEW YORK

2ND FLOOR PLAN

SEAL & SIGNATURE:

DATE:	02-27-13
PROJECT No:	201203
DRAWING BY:	C Kuo
CHK BY:	M Kang
DWG No:	A-004.00
CADO FILE No:	4 of 6



3RD FLOOR PLAN

EL.=+69.20'

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MICHAEL KANG
ARCHITECT, PLLC.
Architectural, Interior Design, Zoning & Building Code Expertise
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Tel: (718) 353-2929
Fax: (718) 661-1619

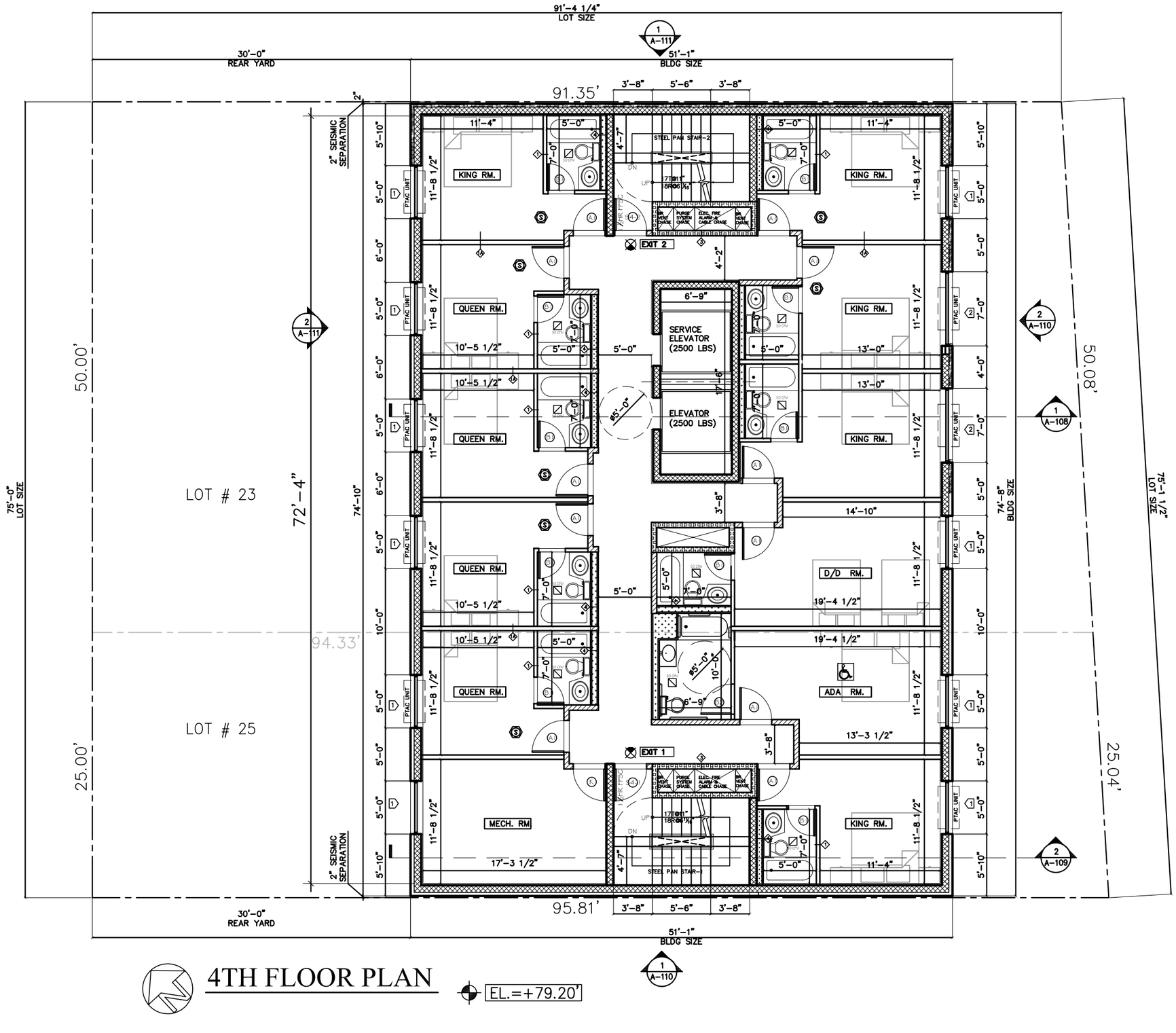
REV.#	DATE	DESCRIPTION

PROJECT TITLE:
38-20, 28th street
QUEENS, NEW YORK

3RD FLOOR PLAN

SEAL & SIGNATURE:

DATE:	02-27-13
PROJECT No:	201203
DRAWING BY:	C Kuo
CHK BY:	M Kang
DWG No:	A-005.00
CADO FILE No:	5 of 6



4TH FLOOR PLAN

EL.=+79.20'

MKA
MICHAEL KANG
ARCHITECT, PLLC.
Architectural, Interior Design, Zoning & Building Code Expertise
37-01 Main Street, Suite #308, Flushing, NY 11354
michaelkangra@yahoo.com
Tel: (718) 353-2929
Fax: (718) 661-1619

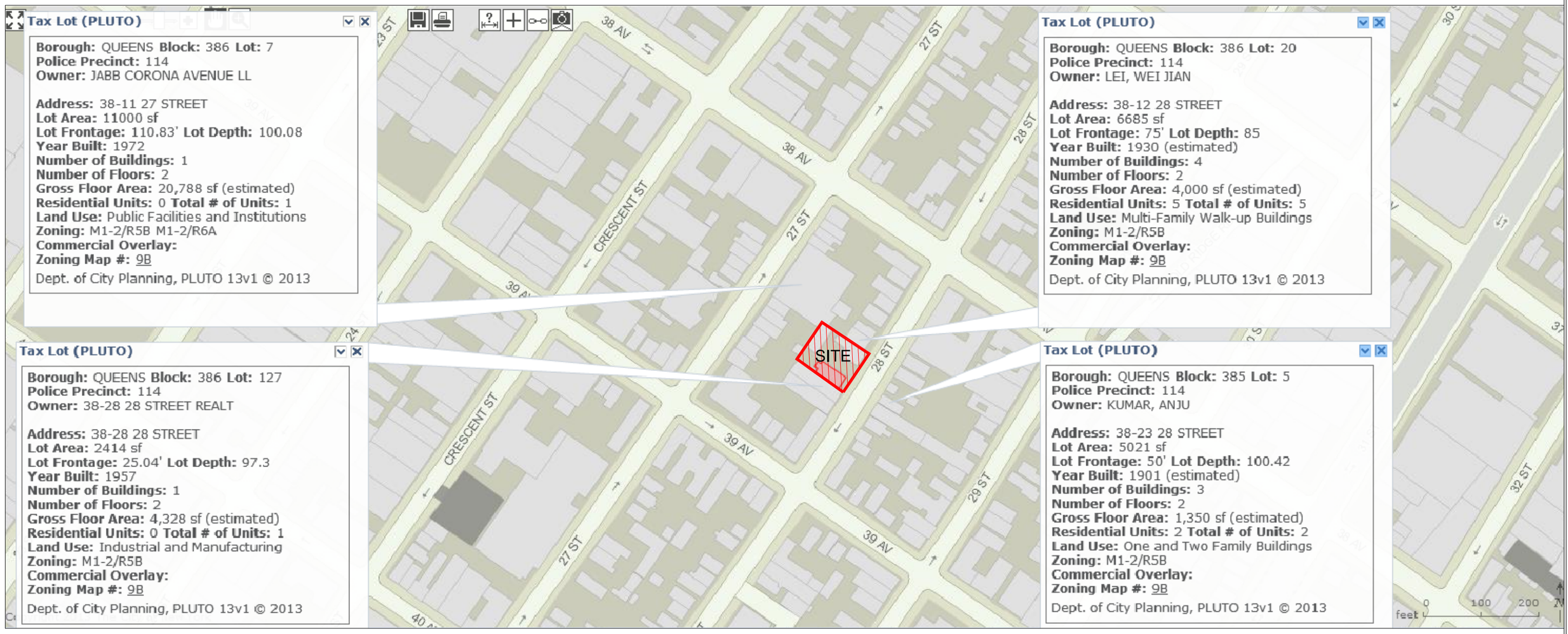
REV.#	DATE	DESCRIPTION

PROJECT TITLE:
38-20, 28th street
QUEENS, NEW YORK

3RD FLOOR PLAN

SEAL & SIGNATURE:

DATE:	02-27-13
PROJECT No:	201203
DRAWING BY:	C Kuo
CHK BY:	M Kang
DWG No:	A-006.00
CADO FILE No:	6 of 6



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TITLE:

FIGURE 4

SURROUNDING LAND USE

SITE:

38-20 28th STREET
Long Island City, NY

TAX BLOCK 386 ;
LOT 23 & 25

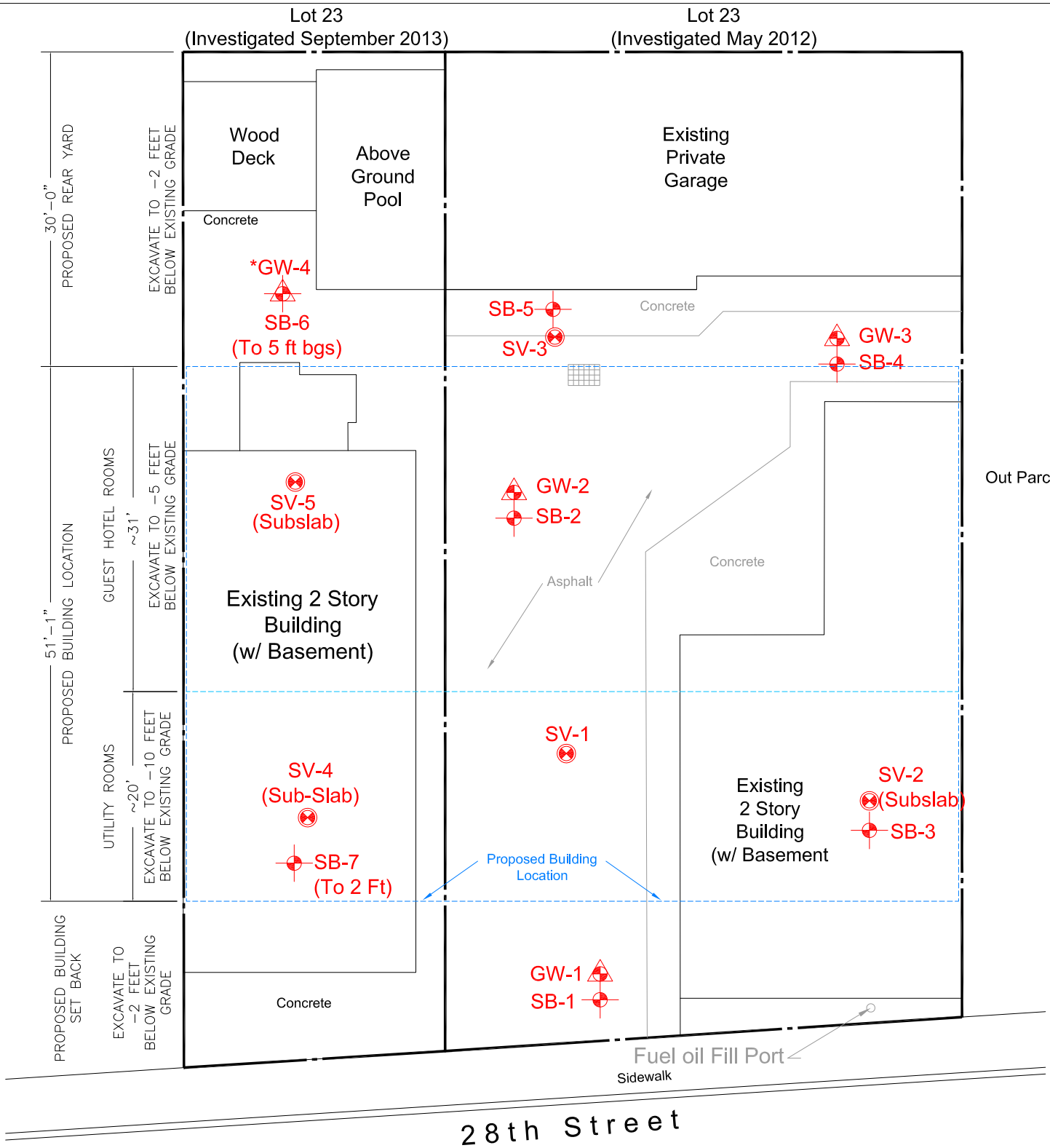
DRAWING NO: Figure 4

PROJECT NO.	4338-01-03-3001
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	KK
DATE:	10/15/2013
SCALE:	NTS

REVISIONS NO:	DATE:

NOTES:

LEGEND:



Legend

- Soil Vapor Point
- Groundwater Probe
- Soil Probe

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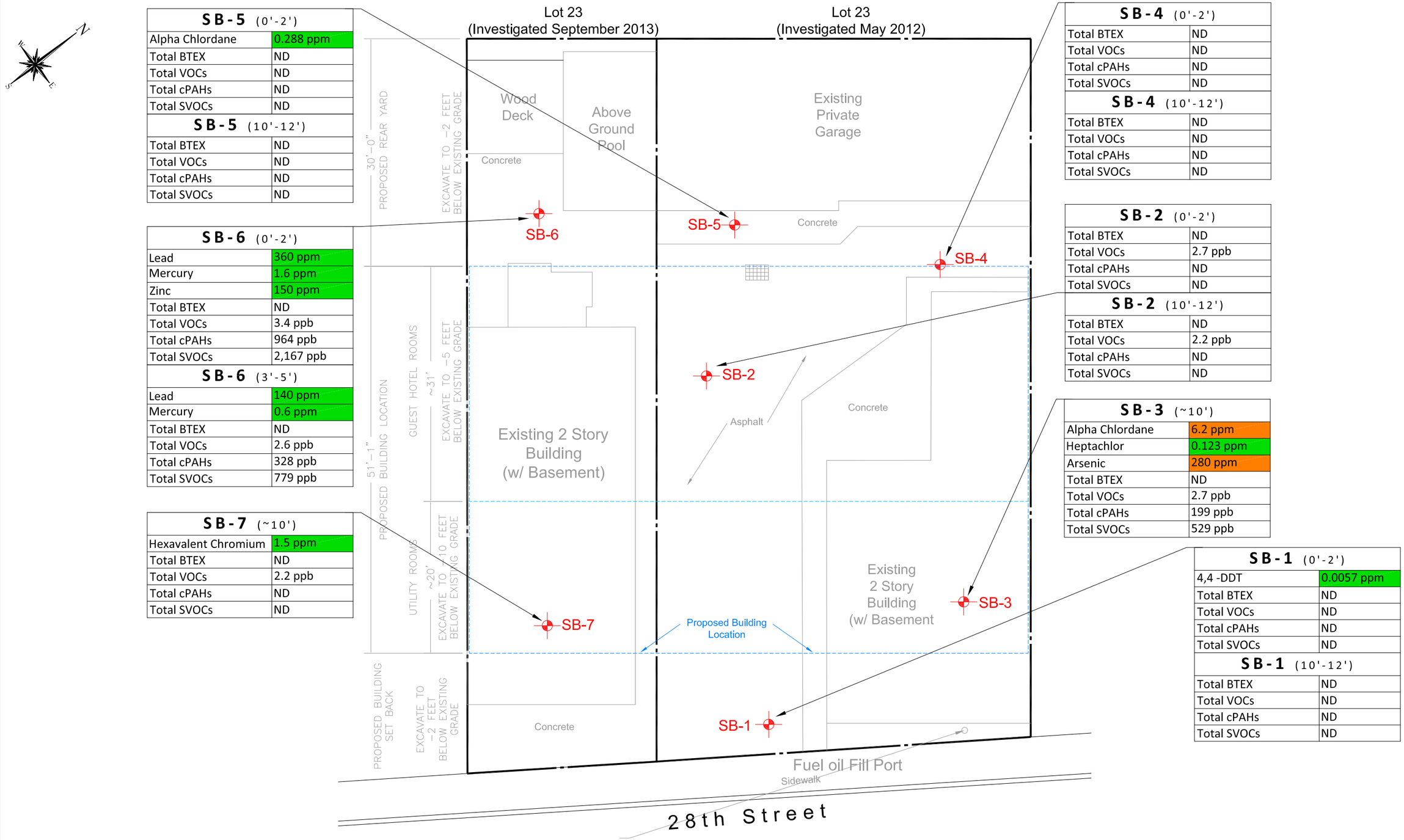
TITLE: Sample Acquisition Plan
Lot 23 & 25

38-20 28th Street,
Long Island City,New York
13CVCP142Q

DRAWN BY:	BH
CHECKED BY:	KK
DATE:	09/9/2013
SCALE:	1" = 15'

PROJECT #	4338-02
FIGURE #	05

Notes:
* SB-6 to be developed Into groundwater monltorlng well GW-4 to maximum 60 feet below existing grade until groundwater is encountered.



SB-5 (0'-2')	
Alpha Chlordane	0.288 ppm
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND
SB-5 (10'-12')	
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND

SB-6 (0'-2')	
Lead	360 ppm
Mercury	1.6 ppm
Zinc	150 ppm
Total BTEX	ND
Total VOCs	3.4 ppb
Total cPAHs	964 ppb
Total SVOCs	2,167 ppb
SB-6 (3'-5')	
Lead	140 ppm
Mercury	0.6 ppm
Total BTEX	ND
Total VOCs	2.6 ppb
Total cPAHs	328 ppb
Total SVOCs	779 ppb

SB-7 (~10')	
Hexavalent Chromium	1.5 ppm
Total BTEX	ND
Total VOCs	2.2 ppb
Total cPAHs	ND
Total SVOCs	ND

SB-4 (0'-2')	
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND
SB-4 (10'-12')	
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND

SB-2 (0'-2')	
Total BTEX	ND
Total VOCs	2.7 ppb
Total cPAHs	ND
Total SVOCs	ND
SB-2 (10'-12')	
Total BTEX	ND
Total VOCs	2.2 ppb
Total cPAHs	ND
Total SVOCs	ND

SB-3 (~10')	
Alpha Chlordane	6.2 ppm
Heptachlor	0.123 ppm
Arsenic	280 ppm
Total BTEX	ND
Total VOCs	2.7 ppb
Total cPAHs	199 ppb
Total SVOCs	529 ppb

SB-1 (0'-2')	
4,4 -DDT	0.0057 ppm
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND
SB-1 (10'-12')	
Total BTEX	ND
Total VOCs	ND
Total cPAHs	ND
Total SVOCs	ND

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TITLE:

FIGURE 6

SOIL CHEMISTRY RESULTS MAP

SITE:

38-20 28th STREET
Long Island City, NY

TAX BLOCK 386 ;
LOT 23 & 25

DRAWING NO: Figure 6

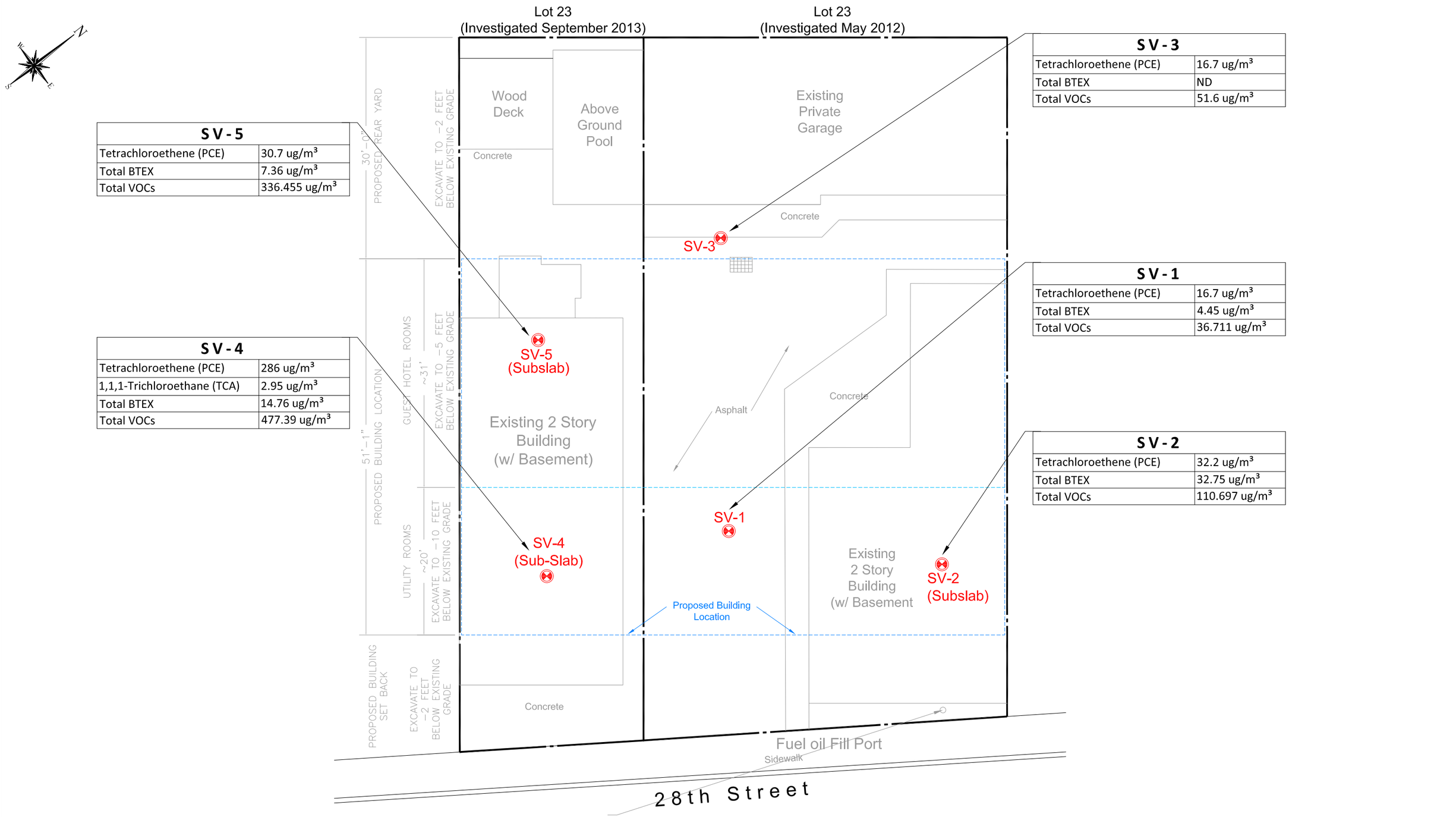
PROJECT NO.	4338-01-03-3001
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	KK
DATE:	10/15/2013
SCALE:	NTS

REVISIONS NO:	DATE:

NOTES:

LEGEND:

- SOIL BORING LOCATION (SB- x)
- EXCEEDANCE OF TRACK 2 SOIL CLEAN UP OBJECTIVES (SCOs)
- EXCEEDANCE OF TRACK 1 SOIL CLEAN UP OBJECTIVES (SCOs)



SV-5	
Tetrachloroethene (PCE)	30.7 ug/m³
Total BTEX	7.36 ug/m³
Total VOCs	336.455 ug/m³

SV-3	
Tetrachloroethene (PCE)	16.7 ug/m³
Total BTEX	ND
Total VOCs	51.6 ug/m³

SV-4	
Tetrachloroethene (PCE)	286 ug/m³
1,1,1-Trichloroethane (TCA)	2.95 ug/m³
Total BTEX	14.76 ug/m³
Total VOCs	477.39 ug/m³

SV-1	
Tetrachloroethene (PCE)	16.7 ug/m³
Total BTEX	4.45 ug/m³
Total VOCs	36.711 ug/m³

SV-2	
Tetrachloroethene (PCE)	32.2 ug/m³
Total BTEX	32.75 ug/m³
Total VOCs	110.697 ug/m³

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TITLE:

FIGURE 7

SOIL VAPOR RESULTS MAP

SITE:

38-20 28th STREET
Long Island City, NY

TAX BLOCK 386 ;
LOT 23 & 25

DRAWING NO: Figure 7

PROJECT NO.	4338-01-03-3001
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	KK
DATE:	10/15/2013
SCALE:	NTS

REVISIONS NO:	DATE:

NOTES:

LEGEND:

SOIL VAPOR POINT LOCATION
SV- x

APPENDIX A

Phase I Report

Phase I Environmental Site Assessment

March 28, 2012

conducted at:

38-20 28th Street
Long Island City, New York
New York City Tax Map Designation: *Block 386; Lot 23*

prepared for:

2318 Flatbush Avenue Corp.
38-20 28th Street
Long Island City, New York

report user:

2318 Flatbush Avenue Corp.
38-20 28th Street
Long Island City, New York

IE Project # 4338-01-03-3001

IMPACT ENVIRONMENTAL

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Plate 2: Site Location Map

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Appendix D: Federal Government
Appendix E: State Government
Appendix F: City Government
Appendix G: Sanborn Maps
Appendix H: Qualifications of the Environmental Professional
Appendix I: Qualifications of the Project Manager

Document Distribution

2318 Flatbush Avenue Corp.	User	Two (2) copies
Impact Environmental Corporate Records	Preparer	One (1) copy

1 EXECUTIVE SUMMARY

Impact Environmental has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of 38-20 28th Street, Long Island City, NY, ("The Site") under contract to by 2318 Flatbush Avenue Corp. ("The Client"). Any exceptions to, or deletions from, this practice are described in Section 2.2 of this report.

The Site is situated in a mixed use residential/commercial zoning area of Astoria-Long Island City, County of Queens, City of New York, New York. The extent of the Site is approximately 0.10 acres. The Site contains one two-story, masonry and wood building constructed prior to 1898 (with a basement), with an approximate footprint of 750 square feet. The building maintained on the Site is utilized as a dwelling. The Site also contains one one-story timber private automobile garage. One storm water drywell is located on the Site for storm water drainage. The surface area of the Site consists of asphalt parking areas and concrete sidewalks. The Site is bound to the north by residential property; to the south by residential property; to the west by residential property and a pre-school; and to the east by 28th Street and beyond by residential and commercial property, and an automobile garage.

A review of historical documentation revealed that the Site has maintained residential dwellings since at least 1898. The existing building was historically heated by fuel oil. An inactive fuel oil fill port, indicative of a UST was observed on the Site. No documentation was available regarding the proper decommissioning of the fuel oil tank maintained on the Site. This lack of documentation represents a *recognized environmental condition*. Accordingly, it is recommended that a ground penetrating radar survey be conducted to determine if the UST is still present. Further it is recommended that a limited subsurface investigation be conducted to determine if the Site has been impacted.

Several off-site confirmed or potential contamination sources were identified to exist within the ASTM search radius. Specifically, a review of available records revealed that a NYSDEC Spill has occurred on an adjacent property, an auto repair facility was maintained contiguous to the Site and a manufacturing facility was historically maintained on a contiguous property. The need for the above-recommended on-site investigative activities is further supported by the presence of these sources. In addition, the Site is listed as a "hazardous-e" designation. Accordingly, it is recommended that the NYC Mayor's Office of Environmental Remediation (OER) be contacted to determine the proper course of action in investigating this designation. This will likely include subsurface soil/groundwater sampling activities.

This assessment has revealed evidence of recognized environmental conditions associated with the Site. Accordingly, additional activities are recommended to define and/or enhance the environmental quality of the Site (see Recommended Phase II ESA Activities in Section 8.3).

2 INTRODUCTION

2.1 Purpose

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

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

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

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

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

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

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

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

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

2.2 Limitations and Exceptions

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

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

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

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

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

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

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

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

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

2.3 Special Terms and Conditions

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

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

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

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

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

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

2.4 User Reliance

This assessment was performed at the request of 2318 Flatbush Avenue Corp. utilizing methods and procedures consistent with good commercial or customary practices. This assessment is intended, where applicable to the standard of care, to satisfy the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, as published in ASTM E 1527-05. The independent conclusions represent the best professional judgment of the Environmental Professional based on the conditions that existed and the information and data available to Impact Environmental during the course of this assignment. Factual information regarding operations and conditions provided by the client, owner, or the representative has been assumed to be correct and complete. The report may be distributed and relied upon by 2318 Flatbush Avenue Corp.. Reliance on the information and conclusions presented in this report by other party(ies) is not authorized by Impact Environmental.

Project Information:

Contract activation date:	March 21, 2012
2318 Flatbush Avenue Corp. timetable:	1 week
Project deadline:	March 28, 2012

3 SITE DESCRIPTION

The Site is currently developed with residential apartment dwellings and an automobile garage. The extent of the Site is approximately 4,562 square feet. The Site contains one two-story, masonry and steel building constructed prior to 1898 (with a basement), with an approximate footprint of 750 square feet. The Site is utilized as residential apartment dwellings. The Site also contains one one-story timber automobile garage. The surface area of the Site consists of asphalt parking areas and concrete walkways. The Site exhibits low topographic relief (less than three percent slopes).

3.1 Topography

The Pleistocene glaciation created the hilly Ronkonkoma moraine along Long Island's "spine" and south fork, and the Harbor Hill Moraine along the North shore and the North fork (see Figure 1). Erosion of these morainal deposits (as the glacier melted away from Long Island) created extensive outwash plains of sand and gravel in the intermorainal area and south to the Atlantic Ocean. These highly permeable deposits comprise the upper glacial aquifer and represent the majority of Long Island's surficial sediments. Some local confining clay units were also formed from glacial materials in intermorainal lakes and tidal lagoons. Since the end of glaciation, about 12,000 years ago, Holocene beach and marsh deposits have been formed along the marine edge, and within stream corridors and ponds.

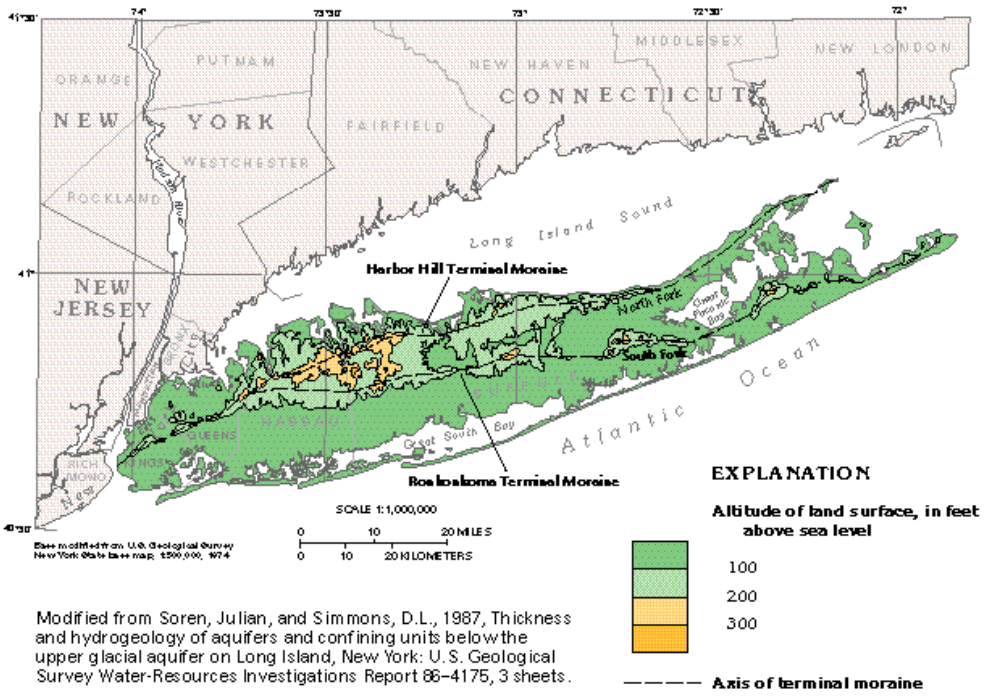


Figure 1 Long Island is dominated topographically by two ridges of till deposited as terminal moraines during the Wisconsinan glacial stage. The Harbor Hill and Ronkonkoma Terminal Moraines traverse the length of the island and form the North and South Forks on its eastern end. Kings and Queens Counties on the western end of the island are part of New York City. They are bounded on the east by populous Nassau County; Suffolk County includes the remainder of the island.

The elevation of the Site, as presented on the United States Geologic Survey (USGS), Central Park Quadrangle Map, approximates 35 feet above sea level. The USGS Map, which was base dated 1954, photorevised and field checked in 1966, and photorevised again in 1979, did not depict a structure on the Site (the property is within an area in which only landmark buildings were mapped).

3.2 Subsurface Geology

The geology of Long Island consists of thick deposits of unconsolidated, water bearing sediments resting upon a relatively impermeable, crystalline bedrock surface. The sequence of events that shaped Long Island's geology is not known with certainty, but it probably began with the formation of the original basement rocks in early Paleozoic to Precambrian time. These basement rocks were heated and compressed (metamorphosed) by folding and faulting, producing a rugged, mountainous topography. During the subsequent period ending with the late Cretaceous Epoch 100 million years ago, erosion reduced the land to a nearly planer surface that gently tilted to the southeast.

During the late Cretaceous Epoch (60-100 million years ago), streams brought sediments from the north and the west to the Long Island area on the continental margin, forming a permeable sand layer (Lloyd Sand Member of the Raritan Formation) and overlying clay member (clay member of the Raritan Formation) upon

the bedrock surface. After a short period of erosion or non-deposition, thick, permeable beds of river delta clay, sand, and gravel were deposited on the Raritan Formation; these deposits comprise the Magothy Aquifer. Toward the close of the Late Cretaceous period (approximately 60 million years ago), a sand and clay unit (Monmouth Group) of low permeability was deposited in shallow marine waters in the area that now constitutes Long Island's south shore.

A long period of non-deposition, or possibly deposition followed by erosion, occurred after the Cretaceous era. Geologic activities during this time left few sedimentary traces, but streams flowing across Long Island cut deep valleys into the Magothy. It was not until late Pleistocene (Wisconsinian) glaciation- some 20 to 200 thousand years ago- that there were any significant additions to Long Island's geologic record. Valleys were filled and the other deposits were almost completely buried by glacial deposits. Prior to the southward movement of the Pleistocene ice sheets to Long Island, an extensive clay unit (Gardiners Clay) was deposited in shallow marine and brackish waters along the shores of what is now Suffolk County. This unit rested upon the Magothy and Monmouth Group, and acted as a confining layer. The northern portions of the Gardiners were subsequently eroded by advancing ice and glacial meltwaters, and Gardiners Clay beds are now found only in the south shore area.

3.3 Soil Component Identification

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

3.4 Hydrology

Queens and Kings Counties are underlain by two confined aquifers, the Magothy and the Lloyd, that have similar physical and chemical characteristics. A third aquifer, known as Upper Glacial, overlies portions of the Magothy and the Lloyd. The system these aquifers form is termed the Northern Atlantic Coastal Plain Aquifer (see Figure 2). Production from the system is minimal. Industrial production wells generally draw from the Upper Glacial. Potable water used within Queens and Kings Counties is drawn from surface water reservoir systems that have its source off of Long Island (Westchester County). However, there are small portions of Queens that utilize the Magothy for potable water. Production yields from all of these aquifers are very high.

The water quality of the Upper Glacial is impaired in areas due to heavy industrial and commercial development. However, the water quality of the Magothy and Lloyd is excellent due to thickness and horizontal continuity of the confining layers.

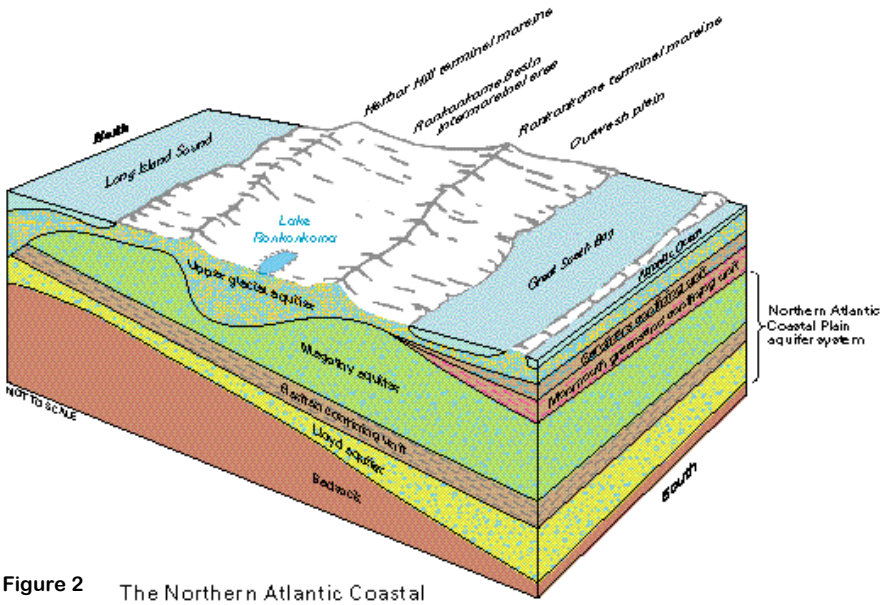


Figure 2 The Northern Atlantic Coastal Plain aquifer system only underlies Long Island. This aquifer system is hydraulically connected with the upper glacial aquifer throughout most of Long Island, except along the south coast and offshore islands, such as Fire Island. The approximate location of the block is shown in figure 10.

Modified from Jensen, H.M., and Soren, Julian, 1974, Hydrogeology of Suffolk County, Long Island, New York: U.S. Geological Survey Hydrologic Investigations Atlas HA-501, 2 sheets, scale 1:250,000.

On Long Island, water from precipitation that is not evapotranspired or that does not run off in storm drains or streams infiltrates the permeable soil and moves both downward and horizontally through the porous rocks in response to gravitational or withdrawal-induced gradients. A map of the potentiometric surface of each of the principal aquifers represents the pressure surface to which water will rise in tightly cased wells open to the aquifer, and it indicates the general direction of groundwater movement, which is down the hydraulic gradient and generally perpendicular to the potentiometric contours. The potentiometric surfaces of the principle aquifers (circa 1984) are depicted below in Figures 3, 4, and 5. The potentiometric surface of the unconfined upper glacial aquifer is known as the "water table," which is the top of the saturated zone. Groundwater divides separate the movement of groundwater northward to the Long Island Sound and southward to the Great South Bay and the Atlantic Ocean. Groundwater withdrawals in Kings and Queens Counties have lowered the potentiometric surfaces of both the upper glacial aquifer and the Magothy aquifer, changed their configurations, and produced characteristic cones of depression centered around the areas of withdrawal.

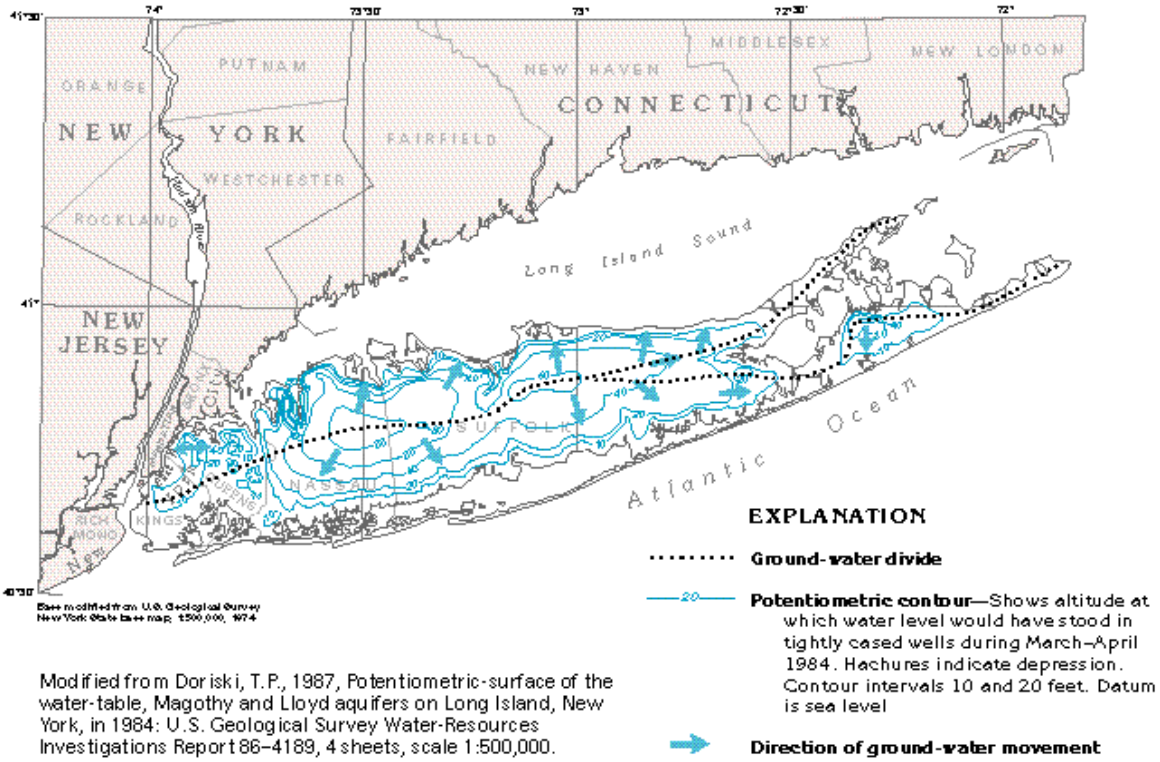
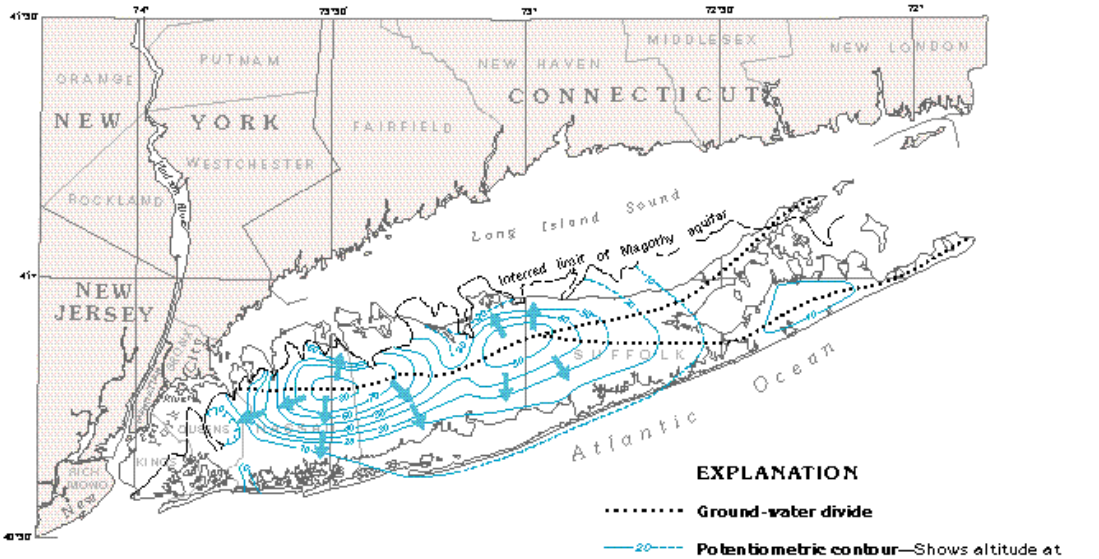
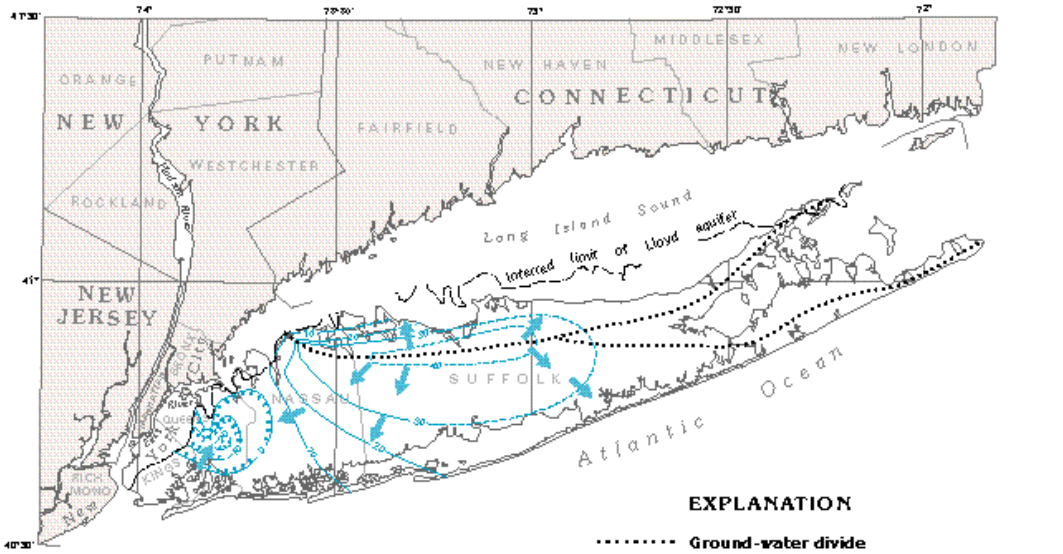


Figure 3 . The potentiometric surface of the upper glacial aquifer slopes gently to the north and south from a central high, except in the western part of the island where ground-water withdrawals have lowered the water table and created cones of depression.



Modified from Doriski, T.P., 1987, Potentiometric-surface of the water-table, Magothy and Lloyd aquifers on Long Island, New York, in 1984: U.S. Geological Survey Water-Resources Investigations Report 86–4189, 4 sheets, scale 1:500,000.

Figure 4 The potentiometric surface of the Magothy aquifer has a configuration similar to that of the upper glacial aquifer, but the surface in the Magothy is more subdued and slightly lower in altitude.



Modified from Doriski, T.P., 1987, Potentiometric-surface of the water-table, Magothy and Lloyd aquifers on Long Island, New York, in 1984: U.S. Geological Survey Water-Resources Investigations Report 86–4189, 4 sheets, scale 1:500,000.

Figure 5 . The potentiometric surface of the Lloyd aquifer represents the pressure surface of a confined aquifer and generally is 20 to 50 feet lower than the potentiometric surfaces of the upper glacial and Magothy aquifers. Withdrawals from the Lloyd aquifer in Kings and Queens Counties have extensively lowered the potentiometric surface of the aquifer in the western part of the island.

3.5 Groundwater Characteristics

Regional groundwater flow direction in the area of the Site is anticipated to be towards the west. The water table is encountered at approximately 25 feet below existing grade.

4 SITE VISIT

A site visit was conducted by Michael Venezia of Impact Environmental on March 23, 2012, to observe and document site conditions. The site visit was performed accompanied by Mr. Amit Veeramachaneni, the on-site manager. *[Site photographs are included in Appendix A].*

4.1 Interior Inspection

The interior of the building is utilized as residential apartment dwellings. The building was inspected on March 23, 2012, by staff Environmental Scientist, Michael Venezia. Available for this portion of the inspection was Site representative Mr. Amit Veeramachaneni. It should be noted that the second floor of the building was not accessible at the time of the inspection. The inspection revealed the following information relevant to the environmental quality of the Site:

1. No underground storage tanks (USTs) were identified in the building.

2. No above ground storage tanks (ASTs) were observed in the building. However, storage of portable chemical containers was noted in the building.

3. No electrical transformers suspected of containing polychlorinated biphenyl (PCB) bearing dielectric fluid were observed in the building.

4. Approximately 20-linear feet of suspected friable asbestos containing pipe wrap was noted in the building basement. Said material was in good condition. Due to the non-friable nature of the material, no samples were acquired.

5. All painted surfaces appeared in good condition.

6. One floor drain was observed at the bottom of the exterior stairway leading to the basement of the building. The outfall of said floor drain was unknown; however, it is suspected that said floor drain was associated with on-site drywells. It should be noted that due to the amount of storage in the building, the entire floor area could not be inspected and more floor drains may be present.

7. Several bathrooms were observed in the building. The surfaces of the associated plumbing fixtures were inspected for observable indications of chemical staining that would be indicative of the disposition of chemical substances via the bathroom plumbing. The fixture surfaces in the bathrooms did not exhibit any signs of chemical staining.

8. Two kitchen areas were observed in the building. The surfaces of the associated plumbing fixtures were inspected for observable indications of chemical staining that would be indicative of the disposition of chemical substances via the kitchen plumbing. The fixture surfaces in the kitchen did not exhibit any signs of chemical staining.

9. A natural gas fired boiler and hot water heater were observed in the building.

4.2 Exterior Inspection

The exterior of the Site was inspected on Michael Venezia, by staff Environmental Scientist, Michael Venezia. Available for this portion of the inspection was Site representative Mr. Amit Veeramachaneni. The inspection of the Site revealed the following information relevant to the environmental quality of the Site:

1. A fill port was observed outside the existing building on the northeastern portion of the property. No documentation was available regarding whether the underground storage tanks (UST) associated with said fill port was removed. The UST was historically utilized for the storage of fuel oil for on-site heating applications prior to the conversion to natural gas heat.

2. There were no above ground storage tanks (ASTs) observed outside the existing building.

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

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

5. Two drainage structures were observed in the rear yard of the building; one was located within the detached automobile garage, and one was located outside of the garage to the east on the asphalt parking surface. The outfall of said drainage structures was unknown; however, it is suspected that said drainage structures were associated with on-site drywells.

6. All building sanitary discharge appeared to be directed to the NYC public sewer system.

7. Buried electrical service was observed on the eastern portion of the property.

8. Natural gas service apparatus was observed on the eastern side of the building.

9. All vegetation on the Site appeared in good condition relative to seasonal parameters.

10. There were no stains or other visible evidence of any discharge of hazardous substances on the surface areas of the Site.

4.3 Surrounding Properties

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

Direction	Land Use	Evidence of any storage, handling, or discharge of hazardous substances
North	Residential	None identified from limited visual inspection from property border
East	Residential / Automobile Garage	None identified from limited visual inspection from property border
South	Residential	None identified from limited visual inspection from property border
West	Residential / Child Care Facility	None identified from limited visual inspection from property border

4.4 Limited Scope Identification of Possible Lead Containing Surface Paints

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

1. Based on the age of the building, it is possible that lead containing paints exist below the surface layer in portions of the building.

4.5 Limited Scope Identification of Possible Friable Asbestos Containing Materials

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

1. Possible asbestos containing insulation was observed in the basement located on pipework (approximately 20 linear feet of pipe wrap).

2. Based on the age of the building, it is possible that asbestos containing materials may exist in the building materials.

4.6 Limited Scope Identification of Possible Mold

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

Impact Environmental observed interior areas of the Site structures for the significant presence of mold. Impact Environmental did not observe any obvious visual or olfactory indications of the presence of mold, nor did Impact Environmental observe obvious indications of significant water damage. As such, no bulk sampling of suspect surfaces was conducted as part of this assessment. This activity was not designed to discover all areas that may be affected by mold growth on the Site. Rather, it is intended to give the client an indication if significant (based on observed areas) mold growth is present at the Site. Additional areas of mold not observed as part of this limited assessment, possibly in pipe chases, HVAC systems and behind enclosed walls and ceilings, may be present on the Site.

4.7 Radon Investigation

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

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

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

5 REVIEW OF PROVIDED INFORMATION AND INTERVIEWS

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

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

5.1 Owner, Property Manager, and Occupant Information

The Site is currently owned, managed, and occupied by 2318 Flatbush Avenue Corp. Amit Veeramachaneni, was identified as the key on-site contact.

5.2 Title Records

At the time of this assessment, neither the user nor the key site manager provided any title records for the Site. Review of the chain-of-title information is included in the scope of work for this project. The property ownership was researched by Michael Venezia of Impact Environmental through the New York City Department of Finance Office of City Register. Historic title records were reviewed from the City of New York, but did not reveal any information relevant to the environmental quality of the Site.

5.3 Environmental Liens

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

5.4 Specialized Knowledge

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

5.5 Valuation Reduction for Environmental Issues

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

5.6 Corporate Records

At the time of this assessment, 2318 Flatbush Avenue Corp. did not provide any corporate records for the Site.

5.7 Interviews

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

Contact Interviewed	Date	Relationship to Site	Relevant Information
Amit Veeramachaneni	03/21/2012	Site Manager	Phase I Questionnaire

1. According to Mr. Veeramachaneni, the Site is serviced by natural gas heat and the NYC public sewer system. As per Mr. Veeramachaneni, the Site was previously serviced by fuel oil heat, which was converted to natural gas prior to his purchase of the property.

2. According to Mr. Veeramachaneni, the building will be demolished, and a new building utilized for a hotel will be erected.

3. According to Mr. Veeramachaneni, they occupied the building since 2009. Prior to that, the Site contained residential dwellings.

5.8 Interview with Local Government Officials

An interview with a representative of the New York City Fire Department (NYCFD) regarding the environmental quality of the Site has revealed the following information.

1. According to the NYCFD representative, no information can be released regarding the Site until a Freedom of Information request has been received and approved. No response has been received to date regarding the Freedom of Information request submitted for the Site.

6 RECORDS REVIEW

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

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

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

6.1 Federal Environmental Record Review

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

6.1.1 National Priorities List (NPL)

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

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

6.1.2 CERCLIS List

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

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

6.1.3 Federal CERCLIS NFRAP Sites List

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

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

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

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

1. The Site is not listed as a RCRA CORRACTS TSD facility.
2. One RCRA CORRACTS TSD facility is listed within one-mile of the Site.

A)

Consolidated Edison 3854 Vernon Blvd. Ravenwood Sta
Located: 3,639 feet to the WNW of the Site
Facility ID: NYD003917960

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

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

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

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

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

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

6.1.7 Federal Emergency Response Notification System (ERNS)

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

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

6.2 State Environmental Record Review

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

6.2.1 Inactive Hazardous Waste Disposal Sites

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

Classification System:

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

1. The Site is not listed as an inactive hazardous waste disposal site.
2. There are seven sites within a one-mile radius of the Site that appear in the NYSDEC publication, Inactive Hazardous Waste Disposal Sites in New York State.

A)

Jung Sun Laundry Plume 37-10 24th Street
Located: 1,000 feet to the NNW of the Site
Facility ID: 241102 Classification: 02

B)

Amtrak Sunnyside Yard 39-29 Honeywell Street
Located: 2,434 feet to the SSE of the Site
Facility ID: 241006 Classification: 02

C)

Outlet City 42-16 West Street
Located: 2,548 feet to the SSW of the Site
Facility ID: 2-016 Classification:

D)

Standard Motor Products, Inc. 37-18 Northern Boulevard
Located: 2,783 feet to the ESE of the Site
Facility ID: 241016 Classification: 02

E)

National Rubber Adhesives, Inc. 38-31 9th Street
Located: 2,790 feet to the WNW of the Site
Facility ID: 241028 Classification: 02

F)

Levco Metals Property 34-11 36th Street
Located: 3,346 feet to the ENE of the Site
Facility ID: 241009 Classification: C

G)

21-03 44th Avenue 21-03 4th Avenue
Located: 3,533 feet to the WSW of the Site
Facility ID: 241107 Classification: 02

6.2.2 Hazardous Substance Waste Disposal Sites

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

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

6.2.3 Brownfield Sites

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

1. The Site is not listed as Environmental Restoration Program (Brownfields Program) site.
2. There is one site within a ½-mile radius of the Site that appear in the NYSDEC Brownfields Cleanup Program.

A)

Queens Plaza Residential Development 28-10 Jackson Avenue
Located: 2,562 feet to the SSW of the Site
Facility ID: C241105

3. There is one site within a ½-mile radius of the Site that appear in the NYSDEC Voluntary Cleanup Program listing.

A)

Outlet City, Queens Blvd. & Jackson Ave. Queens Blvd. & Jackson Ave., L.I.C.
Located: 2,491 feet to the SSW of the Site
Facility ID: V00081

6.2.4 Historic Utility Facilities

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

1. The Site is not listed as an NYSDEC Historic Utility site.
2. There are no sites within a 1/8-mile radius of the Site that appear in the NYSDEC Historic Utility Site listing.

6.2.5 Solid Waste Management Facilities

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

1. The Site is not listed as a Solid Waste Management Facility.
2. There is one site within a ½-mile radius of the Site that appears on the listing.

A)

Evans Container T.S. #13 24-15 Queens Plaza N
Located: 1,934 feet to the SW of the Site
Facility ID: 41T37 Facility Type: Large transfer station

6.2.6 State Pollutant Discharge Elimination System Permits (SPDES)

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

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

6.2.7 Major Oil Storage Facilities (MOSF)

Major Oil Storage Facilities have at least 400,000 gallons of storage capacity (as per Article 12 of the Navigation Law, 6 NYCRR Part 610, and 17 NYCRR Part 30) and often experience leaks, spills or other uncontrolled releases that can cause extensive air, water, groundwater or soil contamination that threatens the environment or the public health. Please note that New York has withheld public release of this database since January 2002.

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

6.2.8 Chemical Bulk Storage (CBS) Sites

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

1. The Site did not appear on the CBS listing.
2. There are no sites within ¼-mile of the Site that appear on the CBS listing.

6.2.9 Petroleum Bulk Storage (PBS) Sites

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

1. The Site did not appear on the PBS listing.

2. Nineteen (19) sites are listed on the PBS database within ⅛-mile of the Site. No sites are noted to be contiguous with the Site.

6.2.10 Spill Logs

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

1. There are no spill incidents listed in the NYSDEC Spill Log as having occurred on the Site.
2. There are a significant number of spill incidents listed in the NYSDEC Spill Log as having occurred within ½-mile of the Site. Accordingly, the *approximate minimum search distance* (as defined by ASTM) was reduced to ¼-mile in order to make the data *practically reviewable*. Fifty-six (56) spill incidents are listed in the NYSDEC Spill Log as having occurred within ¼-mile of the Site *[see Appendix C].* Review of these incidents has revealed that forty-five (45) are listed as having occurred between ¼ to ⅛-mile, and eleven (11) are listed as having occurred within ⅛-mile.

   None of the spill incidents reviewed are considered to have the potential to have significantly impacted the environmental quality of the Site. This determination was made based on such factors as the local groundwater flow direction, the spill incident statuses, the quantities of materials spilled, the distances between the spill sources and the Site, and the resources affected.

6.3 City Environmental Record Review

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

6.3.1 New York City Department of Environmental Protection

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

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

6.3.2 New York City Fire Department

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

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

6.3.3 New York City Building Department

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

1. The Site was listed with an E-218 (hazardous) designation.

2. The Site was listed as a B9-2 Family Dwelling in the NYC Building Department database.

3. No Environmental Control Board (ECB) Violations were on file for the Site.

4. No Certificates of Occupancy were on filed for the Site.

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

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

7 REVIEW OF HISTORIC DATA

7.1 Sanborn Maps

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

Year	*Site Historic Uses*
1898, 1915	The Site appears to maintain a residential dwelling; the remainder of the Site is depicted as unimproved land.
1936, 1947, 1950, 1970, 1979 & 1990	The Site appears to maintain a residential dwelling and automobile garage.

Direction	1898 - Surrounding Property Uses
North	The property appears to maintain a residential dwelling.
East	28th Street (Radde Street) is visible. The property beyond appears to maintain a residential dwellings and a carpenter.
South	The property appears to maintain a residential dwelling.
West	The property appears to maintain residential dwellings.

Direction	1915 - Surrounding Property Uses
North	The property appears to maintain residential dwellings and a property labeled "Mannerchor Hall".
East	28th Street (Radde Street) is visible. The property beyond appears to maintain residential dwellings and a carpenter.
South	The property appears to maintain a residential dwelling.
West	The property appears to maintain residential dwellings.

Direction	1936, 1947 - Surrounding Property Uses
North	The property appears to maintain residential dwellings and a property labeled "Volkerts Hall".
East	28th Street (Radde Street) is visible. The property beyond appears to maintain residential dwellings and automobile garages.
South	The property appears to maintain a residential dwelling and furniture repair.
West	The property appears to maintain residential dwellings.

Direction	1950 - Surrounding Property Uses
North	The property appears to maintain residential dwellings and a property labeled "Volkerts Hall".
East	28th Street (Radde Street) is visible. The property beyond appears to maintain residential dwellings and automobile garages.
South	The property appears to maintain a residential dwelling with a shed.
West	The property appears to maintain residential dwellings.

Direction	1970 - Surrounding Property Uses
North	The property appears to maintain residential dwellings and a property labeled "Volkerts Hall".
East	28th Street (Radde Street) is visible. The property beyond appears to maintain residential dwellings, automobile garages and a warehouse.
South	The property appears to maintain a residential dwelling with a shed.
West	The property appears to maintain residential dwellings.

Direction	1979 - Surrounding Property Uses
North	The property appears to maintain residential dwellings and a property labeled "NYC Child Day Care Center".
East	28th Street (Radde Street) is visible. The property beyond appears to maintain residential dwellings, automobile garages and a warehouse.
South	The property appears to maintain a residential dwelling with a shed.
West	The property appears to maintain residential dwellings.

Direction	1990 - Surrounding Property Uses
North	The property appears to maintain residential dwellings and a property labeled "NYC Child Day Care Center".
East	28th Street (Radde Street) is visible. The property beyond appears to maintain residential dwellings, automobile garages and an auto repair shop.
South	The property appears to maintain a residential dwelling with a shed.
West	The property appears to maintain residential dwellings.

8 EVALUATION OF DATA AND RECOMENDATIONS

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

8.1 Data Gaps

1. Responses to the Freedom of Information requests submitted to the United States Environmental Protection Agency, the New York State Department of Environmental Conservation, the New York City Department of Environmental Protection, and the New York City Bureau of Fire Prevention has not been received to date. In addition, no historical sources of information consulted in this Phase I ESA provided land uses prior to pre-development of the Site. Furthermore, the chain-of-title records were not provided at the time of this assessment. This absence of this information represents a data gap.

8.2 Recommended Phase I ESA Activities

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

8.3 Recommended Phase II ESA Activities

1. A review of historical documentation revealed that the Site has maintained residential dwellings since at least 1898. The existing building was historically heated by fuel oil. An inactive fuel oil fill port, indicative of a UST was observed on the Site. No documentation was available regarding the proper decommissioning of the fuel oil tank maintained on the Site. This lack of documentation represents a *recognized environmental condition*. Accordingly, it is recommended that a ground penetrating radar survey be conducted to determine if the UST is still present. Further it is recommended that a limited subsurface investigation be conducted to determine if the Site has been impacted.

2. Several off-site confirmed or potential contamination sources were identified to exist within the ASTM search radius. Specifically, a review of available records revealed that a NYSDEC Spill has occurred on an adjacent property, an auto repair facility was maintained contiguous to the Site and a manufacturing facility was historically maintained on a contiguous property. The need for the above-recommended on-site investigative activities is further supported by the presence of these sources. In addition, the Site is listed as a "hazardous-e" designation. Accordingly, it is recommended that the NYC Mayor's Office of Environmental Remediation (OER) be contacted to determine the proper course of action in investigating this designation. This will likely include subsurface soil/groundwater sampling activities.

8.4 Recommended Remedial Activities

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

8.5 Recommended Compliance Activities

1. Suspected friable asbestos containing materials were identified in the basement of the building. Any damaged areas should be properly abated. Additionally, it is recommended that an Operations and

Maintenance (O&M) Plan be implemented should the planned construction/demolition activities not occur at the Site.

2. Based on the future redevelopment plans for the Site, a full lead and asbestos surveys should be conducted prior to the initiation of any demolition work.

3. The Site appears on NYC's e-designation list. OER should be contacted to determine which activities will be required during the re-development activities planned for the Site.

9 CONCLUSIONS

This report has been prepared for the sole benefit of 2318 Flatbush Avenue Corp.. The report may not be relied upon by any other person or entity without the express written consent of Impact Environmental and 2318 Flatbush Avenue Corp.. Where applicable, the assessment included a thorough visual inspection of the property, the examination of reasonably ascertainable records concerning the current and prior uses of the Site, and interviews with the current owners and/or operators of the Site. The findings presented in this site assessment are based on data obtained under the scope of this investigation. The conclusions represent the professional judgment of qualified Impact Environmental staff members using available information.

Impact Environmental has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of 38-20 28th Street, Long Island City, NY, the Site. Any exceptions to, or deletions from, this practice are described in Section 2.2 of this report. This assessment has revealed evidence of *recognized environmental conditions* associated with the Site. Accordingly, additional activities are recommended to define and/or enhance the environmental quality of the Site (see Recommended Phase II ESA Activities in Section 8.3). In addition, the recommended Phase I ESA and Compliance activities should be performed as outlined in Section 8.2 and 8.5.

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

IMPACT ENVIRONMENTAL

_____

James Cressy, *Environmental Professional*
Project Manager

_____

Michael Veneiza
Environmental Scientist

10 REFERENCES

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

11 DISCLAIMER

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

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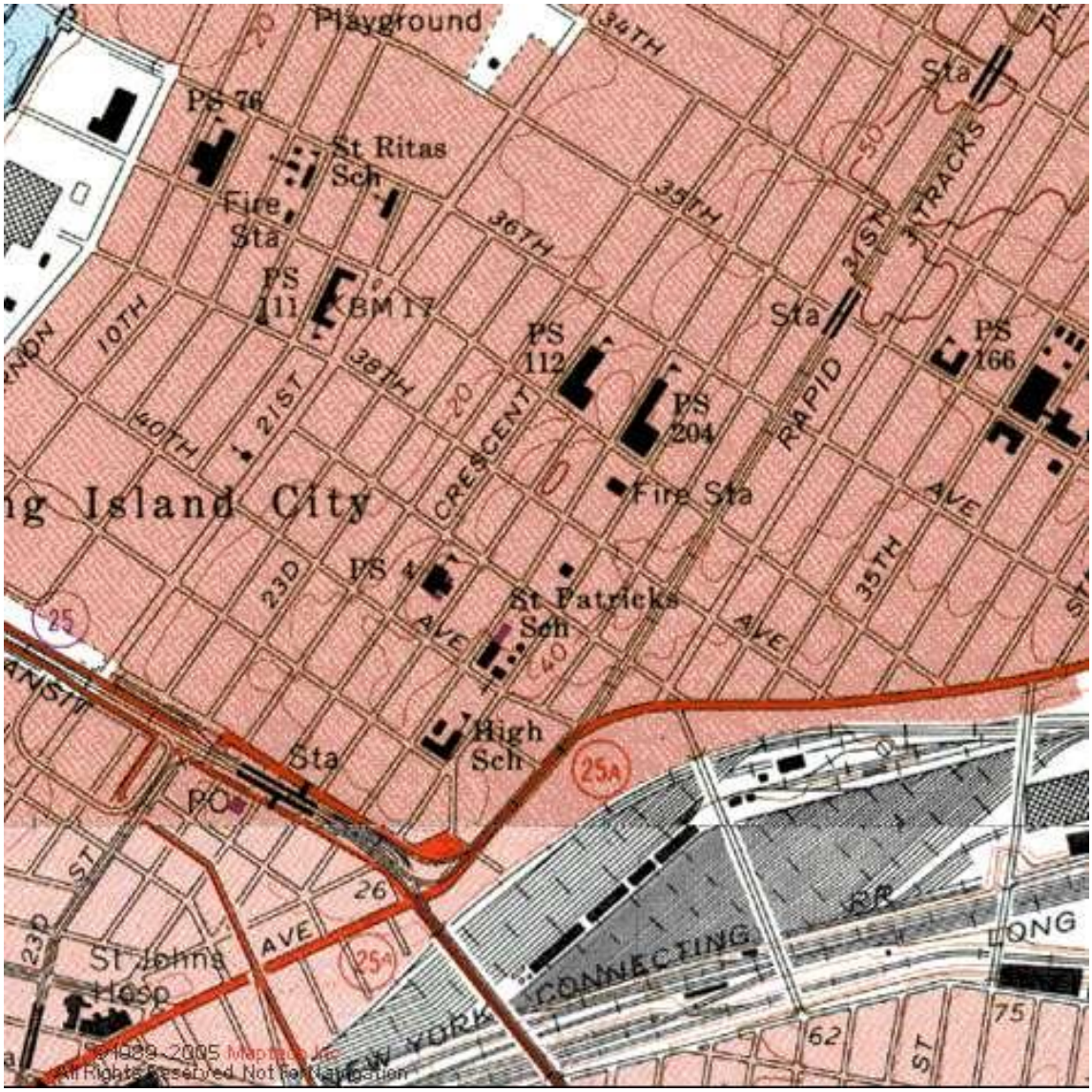
Plate 1: Site Topographic Map

Site Topographic Map
Long Island City, New York

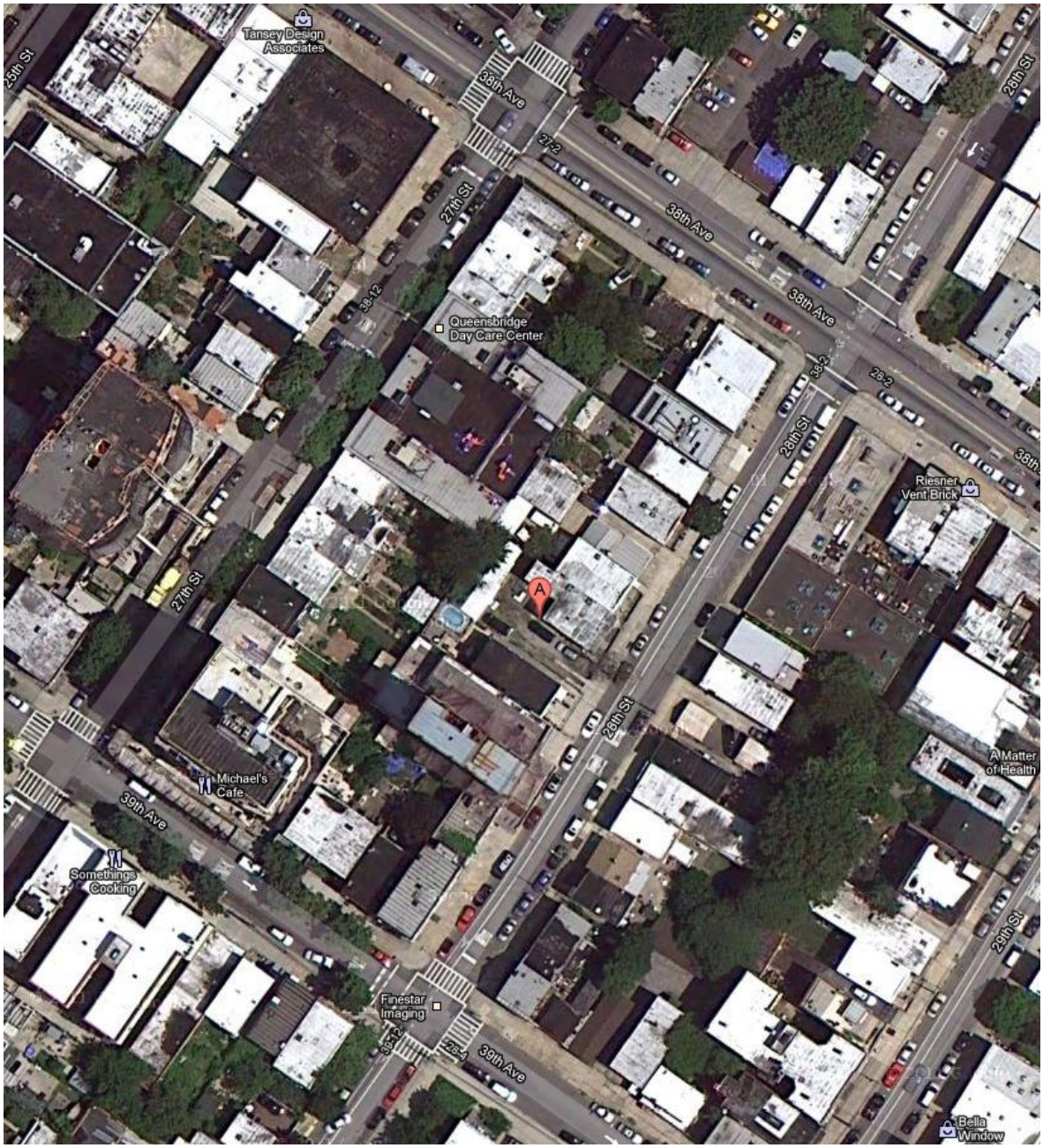


CONTOUR INTERVAL 10 FEET
DASHED LINES REPRESENT 5 – FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET – DATUM IS MEAN LOW WATER

Impact Environmental
Environmental Site Assessment

Plate 2: Site Location Map

Site Location Map
38-20 28th Street
Long Island City, New York



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Appendices

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Appendix A
Site Photos

PHOTO LOG

Photo 1: *View of the Site looking westerly.*

Photo 2: *View of the Site looking westerly.*

Photo 3: *View of the Site looking westerly.*

Photo 4: *View of the property to the north of the Site.*

Photo 5: *View of the property to the south of the Site.*

Photo 6: *View of the property to the east of the Site.*

Photo 7: *View of the asphalt driveway and automobile parking garage.*

Photo 8: *View of the eastern boundary of the Site looking north.*

Photo 9: *View of the fill port observed on the northeastern portion of the property north.*

Photo 10: *View of the drainage structure believed to be a drywell located on the asphalt driveway of the Site.*

Photo 11: *View of the natural gas fired boiler and hot water heater.*

Photo 12: *View of suspected asbestos pipe wrapping observed within the basement of the building.*

Photo 13: *View of the kitchen area located on the first floor of the building.*

Photo 14: *View of the kitchen area located in the basement of the building.*

Photo 15: *View of the natural gas service meters located within the eastern portion of the basement.*

Photo 16: *View of the stairway leading to the second floor of the building.*

Photographic Log

Photograph #1

Photograph #2

Photograph #3

Photograph #4

Photograph #5

Photograph #6

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

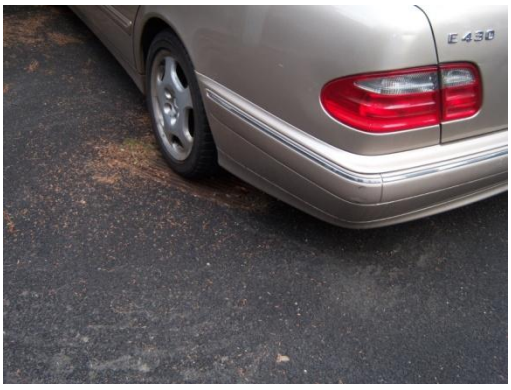
Photographic Log

Photograph #7

Photograph #8

Photograph #9

Photograph #10



Photograph #11

Photograph #12

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

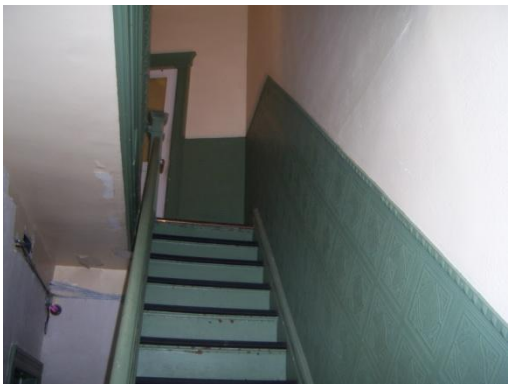
Photographic Log

Photograph #13

Photograph #14

Photograph #15

Photograph #16



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

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Appendix B
Interview Documentation

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

Manhattan | 1560 Broadway, Suite1024 | New York, NY 10036 | Tel: 212.201.7905 Fax: 212.202.4079

www.impactenvironmental.com

PHASE I QUESTIONNAIRE

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

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

1. Why is the Phase I required?
   Developrent of an E-Designated Property
2. What type of Site and type of Site transaction? (i.e. sale, purchase, exchange, etc.)
   Currently a Residential property to be demolished for Commercial development (i.e. Hotel)
3. What is the complete and correct address for the Site? (a map or other documentation showing Site location and boundaries is helpful).
   38-20 28th St Long Island City, NY 11101
4. Are their any other scope of services desired for the Phase I beyond the requirements of Practice E 1527 are to be considered?
   If necessary, meet w/ OER
5. What are future plans for the Site? (remain as is, demolition, construction, etc) If development changes are to be completed please include a site plan/survey.
   demolish to develop/construct
6. Identification of all parties who will rely on the Phase I report..
   - NYC office of Environmental Remediation
   - 2318 Flatbush Avenue Corp (owner)
   - VISA Hotel, Inc (Developer)
7. Identification of the site contact and how the contact can be reached.
   (Name, Phone, Fax and/or Email)

   Amit Veeramachaneni
   * Phone: 212-729-3990
   Fax: 1800-771-7534
   Email: AVEERAMACHANENI @ Gmail.Com

8. Are their any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law? Do you have a copy of a Title search? (please provide a copy)

No liens. We may have title search which I will have to forward in next day or so

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

NO, just E-Designation from NYC

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

Yes, Resident. Residential home for over 100 years. No chemicals handled,

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

N/A

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

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

Yes, Residential

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

No

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

No

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

No

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

No, only conservation may be possible contamination from off site spill in area

14. Any special terms and conditions which must be agreed upon by the environmental professional?
1 week to complete Phase I. Follow up w/ OER

15. Any other knowledge or experience with the Site that may be pertinent to the environmental professional? None. House is 100+ years old
No commercial use on adjacent lots as well.

E-Designation from OER E-218
from 10/7/2008 Rezoning of Area (Dutch Kills) ULURP# 080429 ZMQ

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

CEQR# 08DCP021Q

16. Additional information?

Attached is excerpt from CEQR regarding E-desig.

Signature: _____ Date: 3/21/12

Print Name: Amit Veeramachaneni

Title: Vice-President

---

[35] *Landowner Liability Protections*, or *LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Site Owner, or Innocent Landowner Limitations on CERCLA Liability* ("*Common Elements*" Guide) issued on March 6, 2003.
[36] P.L. 107-118.

Prev. Page
Shows lot 386-23 - Subject lot

Block	Lots
397	1, 3, 4, 5, 7, 10, 11, 12, 17, 18, 21, 22, 24, 25, 26, 27, 28, 29, 30, 31, 33, 35
398	1, 19, 22, 24, 27, 30, 31, 32, 34, 35, 38, 39
399	1, 3, 6, 7, 9, 13, 26, 31, 34
400	5
402	1, 16, 18, 28, 30, 32, 35
405	5, 6, 7, 9, 10, 13, 16, 17, 26, 29, 31, 32, 33, 34, 36, 37, 41
406	1, 2, 8, 9, 10, 11, 12, 24, 29, 38
407	5, 9, 10, 11, 13, 16, 17, 19, 21, 27, 29, 33, 34, 35, 36
408	1, 5, 9, 14, 16, 21, 23, 24, 25, 26, 28, 29, 31, 32, 33, 34, 35, 37, 38, 109
599	40, 41, 46, 48
600	1, 2, 3, 4, 5, 6, 7, 8, 12, 14, 16, 19, 20, 22, 23, 24, 25, 34, 39, 41, 43, 48, 49, 50, 111, 116, 148
601	17, 18, 19, 20, 25, 26, 27, 28, 29, 30

The E-designation would require that, prior to the New York City Department of Buildings (DOB) issuing permits associated with redevelopment, the property owner conduct Phase I and Phase II ESAs, and remediation where appropriate, to the satisfaction of the New York City Department of Environmental Protection ([DEP] pursuant to Section 11-15 of the Zoning Resolution—Environmental Requirements). The E-designation also requires mandatory construction-related health and safety plans (HASPs), which must also be approved by DEP. As properties are acquired by the City, it is anticipated that a Restrictive Declaration would be placed on them, which would supersede the E-designation, but require implementation of the same measures.

The text for the (E) designation will be as follows:

Task 1

The fee owner(s) of the lot(s) restricted by this (E) designation will be required to prepare a scope of work for any soil, gas, or groundwater sampling and testing needed to determine if contamination exists, the extent of the contamination, and to what extent remediation may be required. The scope of work will include all relevant supporting documentation, including site plans and sampling locations. This scope of work will be submitted to DEP for review and approval prior to implementation. It will be reviewed to ensure that an adequate number of samples will be collected and that appropriate parameters are selected for laboratory analysis.

No sampling program may begin until written approval of a work plan and sampling protocol is received from DEP. The number and location of sample sites should be selected to adequately characterize the type and extent of the

contamination, and the condition of the remainder of the site. The characterization should be complete enough to determine what remediation strategy (if any) is necessary after review of the sampling data. Guidelines and criteria for choosing sampling sites and performing sampling will be provided by DEP upon request.

Task 2

A written report with findings and a summary of the data must be presented to DEP after completion of the testing phase and laboratory analysis for review and approval. After receiving such test results, a determination will be provided by DEP if the results indicate that remediation is necessary.

If DEP determines that no remediation is necessary, written notice shall be given by DEP.

If remediation is necessary according to test results, a proposed remediation plan must be submitted to DEP for review and approval. The fee owner(s) of the lot(s) restricted by this (E) designation must perform such remediation as determined necessary by DEP. After completing the remediation, the fee owner(s) of the lot restricted by this (E) designation should provide proof that the work has been satisfactorily completed.

A DEP-approved construction-related health and safety plan would be implemented during excavation and construction activities to protect workers and the community from potentially significant adverse impacts associated with contaminated soil and/or groundwater. This Plan would be submitted to DEP for review and approval prior to implementation.

B. Air Quality

Based on an HVAC analysis, it was determined that to avoid any potential air quality impacts associated with the proposed rezoning, certain sites would require (E) designations that would specify the type of fuel to be used or the distance that the vent stack on the building roof must be from the edge of a lot line.

The text of the (E) designations would be as follows:

Block	Lot(s)	Restriction
402	1,32,35	Any new residential and/or commercial development must use either natural gas or No. 2 fuel oil as the type of fuel for HVAC systems, to avoid any potential significant air quality impacts.
400	5	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 31st St when firing No. 2 oil, to avoid any potential significant air quality impacts.
407	27,29	Any new residential and/or commercial development must use No. 2 oil or natural gas as the type of fuel for HVAC systems, and ensure that the boiler stack(s) is located at least 20 feet from the lot line facing 40th Ave when firing No. 2 oil, to avoid any potential significant air quality impacts.

Impact Environmental
Environmental Site Assessment

Appendix C
Environmental Regulatory Database Review / Search

TOXICS TARGETING

Phase I
Environmental Database Report

38-20 28th St
Long Island City, NY 11101

March 22, 2012

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Who is Covered

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

What is Warranted

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

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

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

Table of Contents

Introduction

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

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

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

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

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

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

The Three Sections Of Your Report

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

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

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

How to Use Your Report

- Check Table One to see the number of identified sites by distance intervals.

- Check Table Two to see identified sites sorted by direction.

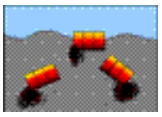
- Check Table Three to see identified sites ranked by proximity to the target address.

- Check Table Four to see identified sites sorted by site categories.

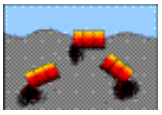
- Use Table Five to get info for the subject parcel and every parcel found on the Tax Parcel Map
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

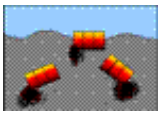
Search Radius

One-Mile 

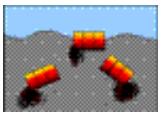
1) ***National Priority List for Federal Superfund Cleanup****:* a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

Half-Mile 

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

One-Mile 

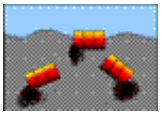
3) ***New York Inactive Hazardous Waste Disposal Site Registry****:* a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile 

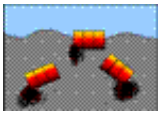
4) ***New York Inactive Hazardous Waste Disposal Site Registry Qualifying****:* a state listing of sites that qualify for possible inclusion to the NYDEC Inactive Haz. Waste Disposal Site Registry.

One-Mile 

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

Half-Mile 

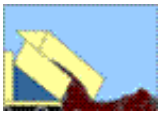
6) ***CERCLIS*** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of Non-NFRAP sites that can pose environmental or public health hazards requiring investigation or clean up.

Half-Mile 

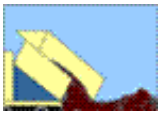
7) ***CERCLIS NFRAP:*** a federal listing of CERCLIS sites that have no further remedial action planned.

Half-Mile 

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

Half-Mile 

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

Half-Mile 

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

Half-Mile 

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

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

Half-Mile 

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

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

Eighth-Mile 

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

Eighth-Mile 

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

Eighth-Mile 

15) ***New York City Fire Dept Tank Data****:* tank data from 1997.

Eighth-Mile 

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

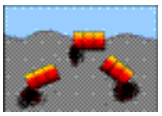
- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Eighth-Mile 

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

Eighth-Mile 

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

Half-Mile 

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

Eighth-Mile 

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

Eighth-Mile 

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

Eighth-Mile 

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

Eighth-Mile 

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

On-site only (250 ft) 

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

Property only 

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

Limitations Of The Information In Your Report

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

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

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

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

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

- New York State Department of Environmental Conservation Remediation Site Borders are approximate and may not align with tax parcel boundaries mapped by local authorities or the digital map used by the US Census Bureau. As a result, Remediation Site Borders may overlap parcels that do not involve site remediation activities. Selected parcels also can involve multiple Remediation Site Borders. Refer to individual site profiles for more information. Sites without profiles include potential new sites or sites that have not yet been publicly listed by DEC.

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

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

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

Section One:

Report Summary

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

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 - 100 ft	100 ft - 1/8 mi	1/8 mi - 1/4 mi	1/4 mi - 1/2 mi	1/2 mi - 1 mi	Site Category Totals
ASTM-Required 1 Mile Search						
National Priority List (NPL) Sites	0	0	0	0	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	0	0	1	1	4	6
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	1	0	1
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	1	1
ASTM-Required 1/2 Mile Search						
Delisted National Priority List (NPL) Sites	0	0	0	0	Not searched	0
CERCLIS Superfund Non-NFRAP Sites	0	0	0	0	Not searched	0
CERCLIS Superfund NFRAP Sites	0	0	0	0	Not searched	0
Brownfields Sites						
Voluntary Cleanup Program	0	0	0	1	Not searched	1
Environmental Restoration Program	0	0	0	0	Not searched	0
Brownfield Cleanup Program	0	0	0	1	Not searched	1
NYSDEC Solid Waste Facilities / Landfills	0	0	0	1	Not searched	1
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0	0	0	Not searched	0
NYS Toxic Spills						
Active Tank Failures	0	0	0	0	Not searched	0
Active Tank Test Failures	0	0	0	2	Not searched	2
Active Spills - Unknown / Other Causes	0	0	4	12	Not searched	16
Active Spills - Miscellaneous Causes	0	0	1(2)	21(5)	Not searched	22(7)
Closed Tank Failures	0	0	2	11	Not searched	13
Closed Tank Test Failures	1	1	11	31	Not searched	44
Closed Spills - Unknown / Other Causes	0	4	23	81	Not searched	108
Closed Spills - Miscellaneous Causes	0	5	4(43)	7(132)	Not searched	16(175)
ASTM-Required Property & Adjacent Property (1/8 Mile Search)						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	1	18	Not searched	Not searched	Not searched	19
RCRA Hazardous Waste Generators & Transporters	0	12	Not searched	Not searched	Not searched	12
NYS Chemical Bulk Storage Sites	0	0	Not searched	Not searched	Not searched	0
Historic Utility Facilities	0	0	Not searched	Not searched	Not searched	0
ASTM-Required On-Site Only Search						
NYC Environmental Quality Review Requirements ("E") Sites*	3	23	Not searched	Not searched	Not searched	26
Emergency Response Notification System (ERNS)	0	Not searched	Not searched	Not searched	Not searched	0
Institutional Controls / Engineering Controls (IC/EC)	See databases for NPL, CERCLIS, Inactive Hazardous Waste Disposal Site Registry and Brownfield Sites.					
ASTM-Required Databases Distance Interval Totals	**5**	**63**	**46(45)**	**170(137)**	**5**	**289(182)**

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

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

NOTE: Table continues on next page.

Non-ASTM Databases 1/2 Mile Search						
1934 NYC Municipal Waste Landfills	0	0	0	0	Not searched	0
Hazardous Substance Waste Disposal Sites	0	0	0	0	Not searched	0
Non-ASTM Databases 1/8 Mile Search						
Toxic Release Inventory Sites (TRI)	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0	Not searched	Not searched	Not searched	0
Air Discharges	0	1	Not searched	Not searched	Not searched	1
Civil & Administrative Enforcement Docket Facilities	0	0	Not searched	Not searched	Not searched	0
Non-ASTM Databases Distance Interval Totals	**0**	**1**	**0**	**0**	**Not Searched**	**1**
Distance Interval Totals	***5***	***64***	***46(45)***	***170(137)***	***5***	***290(182)***

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

Identified Toxic Sites by Direction

38-20 28th St
Long Island City, NY 11101

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

Sites less than 100 feet from subject property sorted by distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
265		BLOCK: 386 LOT: 23	0 feet	NYC Env. Qual. Review-"E" Designation
266		BLOCK: 386 LOT: 25	38 feet to the SW*	NYC Env. Qual. Review-"E" Designation
65	ABANDONED BLDG	38-28 28TH ST	60 feet to the SW*	Closed Status Tank Test Failure
233	38-28 30-28TH STREET	38-28 28TH STREET	60 feet to the SW*	Petroleum Bulk Storage Site
267		BLOCK: 386 LOT: 20	60 feet to the NNE*	NYC Env. Qual. Review-"E" Designation

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

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
281		BLOCK: 386 LOT: 12	164 feet to the N*	NYC Env. Qual. Review-"E" Designation
282		BLOCK: 386 LOT: 13	176 feet to the N*	NYC Env. Qual. Review-"E" Designation
285		BLOCK: 386 LOT: 14	189 feet to the N*	NYC Env. Qual. Review-"E" Designation
287		BLOCK: 386 LOT: 15	207 feet to the N	NYC Env. Qual. Review-"E" Designation
217	212577; 38 AVE AND 27 ST	38 AVE AND 27 ST	301 feet to the N	Closed Status Spill (Misc. Spill Cause)
246	37-27 CRESCENT ST	37-27 CRESCENT STREET	563 feet to the N	Petroleum Bulk Storage Site
220	37-20 27TH ST	37-20 27TH ST	603 feet to the N	Closed Status Spill (Misc. Spill Cause)
221	37-23 CRESCENT AVENUE	37-23 CRESCENT AVENUE	620 feet to the N	Closed Status Spill (Misc. Spill Cause)
268		BLOCK: 386 LOT: 19	108 feet to the NNE*	NYC Env. Qual. Review-"E" Designation
278		BLOCK: 386 LOT: 17	155 feet to the NNE*	NYC Env. Qual. Review-"E" Designation
284		BLOCK: 386 LOT: 16	180 feet to the NNE*	NYC Env. Qual. Review-"E" Designation
219	37-15 27TH STREET	37-15 27TH STREET	590 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
250	37-15 27 STREET CORP.	37-15 27 STREET	592 feet to the NNE	Petroleum Bulk Storage Site
241	37-33 28TH ST REALTY CORP	37-33 28TH STREET	406 feet to the NE	Petroleum Bulk Storage Site
218		37-27 28TH ST	461 feet to the NE	Closed Status Spill (Misc. Spill Cause)
260	KERNS MANUFACTURING CORPORATION	37-14 29TH STREET	585 feet to the NE	Hazardous Waste Generator/Transporter
264	KERNS MANUFACTURING CORP	3714 29TH ST	611 feet to the NE	Air Discharge Site
247	ENGINE 261 / LADDER 116	37-20 29TH STREET	564 feet to the ENE	Petroleum Bulk Storage Site
234	A MUNDER & SON,INC	28-10 38TH AVENUE	193 feet to the E*	Petroleum Bulk Storage Site
235	A MUNDER&SONS INC	38-01 28 ST	193 feet to the E*	Petroleum Bulk Storage Site
237	DIMOS PANAGOULIS	38-06 29 ST	279 feet to the E	Petroleum Bulk Storage Site
238	FONTANA,LLC	28-18 38TH AVENUE	296 feet to the E	Petroleum Bulk Storage Site
245	MILLENIUM AUTO CARE	29-15 38TH AVENUE	557 feet to the E	Petroleum Bulk Storage Site

290		BLOCK: 385 LOT: 21	249 feet to the ESE	NYC Env. Qual. Review-"E" Designation
257	BELCO EQUIPMENT	38-01 29TH STREET	395 feet to the ESE	Hazardous Waste Generator/Transporter
276		BLOCK: 385 LOT: 5	149 feet to the SE*	NYC Env. Qual. Review-"E" Designation
279		BLOCK: 385 LOT: 4	156 feet to the SE*	NYC Env. Qual. Review-"E" Designation
289		BLOCK: 385 LOT: 22	247 feet to the SE	NYC Env. Qual. Review-"E" Designation
243	MELNICH REALTY CO.	29-05 39TH AVENUE	441 feet to the SE	Petroleum Bulk Storage Site
259	S G DOR INDUSTRIES LTD	38-14 30TH ST	515 feet to the SE	Hazardous Waste Generator/Transporter
262	TRI CITY WASTE OIL	38-31 30TH ST	648 feet to the SE	Hazardous Waste Generator/Transporter
280		BLOCK: 385 LOT: 3	164 feet to the SSE*	NYC Env. Qual. Review-"E" Designation
283		BLOCK: 385 LOT: 2	177 feet to the SSE*	NYC Env. Qual. Review-"E" Designation
288		BLOCK: 385 LOT: 32	231 feet to the SSE	NYC Env. Qual. Review-"E" Designation
236	20 FAMILY APT HOUSE	38-32 29TH STREET	277 feet to the SSE	Petroleum Bulk Storage Site
286		BLOCK: 385 LOT: 1	205 feet to the S	NYC Env. Qual. Review-"E" Designation
111	EXPRESSWAY GARAGE	39-15 29TH STREET	605 feet to the S	Closed Status Spill (Unk/Other Cause)
249	ST PATRICKS	39-37 28 ST	588 feet to the SSW	Petroleum Bulk Storage Site
274		BLOCK: 386 LOT: 30	143 feet to the SW*	NYC Env. Qual. Review-"E" Designation
275		BLOCK: 386 LOT: 31	146 feet to the SW*	NYC Env. Qual. Review-"E" Designation
277		BLOCK: 386 LOT: 32	153 feet to the SW*	NYC Env. Qual. Review-"E" Designation
252	NATIONAL TESTING LABS	27-14 39TH AVENUE	310 feet to the SW	Hazardous Waste Generator/Transporter
253	NATIONAL TESTING LABS	39TH AVE	310 feet to the SW	Hazardous Waste Generator/Transporter
239	CALLIOPI LAMBADIS	27-08 39 AVE	345 feet to the SW	Petroleum Bulk Storage Site
112	CONSTRUCTION SITE	39-35 27TH STREET	635 feet to the SW	Closed Status Spill (Unk/Other Cause)
248	EVANGEL CHURCH & SCHOOL	39-21 CRESCENT STREET	583 feet to the WSW	Petroleum Bulk Storage Site
272		BLOCK: 386 LOT: 3	122 feet to the W*	NYC Env. Qual. Review-"E" Designation
270		BLOCK: 386 LOT: 5	109 feet to the WNW*	NYC Env. Qual. Review-"E" Designation
271		BLOCK: 386 LOT: 4	114 feet to the WNW*	NYC Env. Qual. Review-"E" Designation
255	ORKIN PEST CONTROL CO INC	38-31 CRESCENT ST	358 feet to the WNW	Hazardous Waste Generator/Transporter
256	ORKIN	38-31 CRESENT STREET	358 feet to the WNW	Hazardous Waste Generator/Transporter
242	O K ELECTRIC CO	38-31 CRESCENT ST	407 feet to the WNW	Petroleum Bulk Storage Site
66	38-31 CRESCENT ST	38-31 CRESCENT ST	414 feet to the WNW	Closed Status Tank Test Failure
269		BLOCK: 386 LOT: 6	108 feet to the NW*	NYC Env. Qual. Review-"E" Designation
254	ACCARDI ELECTRIC MOTOR COMPANY	25-10 38TH AVENUE	355 feet to the NW	Hazardous Waste Generator/Transporter
240	QP II 38-05 CRESCENT STREET LLC	38-05 CRESCENT STREET	400 feet to the NW	Petroleum Bulk Storage Site
244	MC ACROPOLIS, LLC	24-16 38TH AVENUE	546 feet to the NW	Petroleum Bulk Storage Site
261	REPUBLIC ELEVATOR CO INC	38-19 24TH ST	624 feet to the NW	Hazardous Waste Generator/Transporter
251	P & A AUTO SERVICE, INC.	38-09 24TH STREET	636 feet to the NW	Petroleum Bulk Storage Site
263	ADVANCE ELECTRIC	38-01 24TH ST	649 feet to the NW	Hazardous Waste Generator/Transporter
273		BLOCK: 386 LOT: 7	124 feet to the NNW*	NYC Env. Qual. Review-"E" Designation
109	MANHOLE #17849	38TH AV & CRESENT ST	502 feet to the NNW	Closed Status Spill (Unk/Other Cause)
110	MANOHLE #17849	38TH AV & CRESCENT ST	502 feet to the NNW	Closed Status Spill (Unk/Other Cause)
258	CONSOLIDATED EDISON	38 AVE & CRESCENT MH17849	502 feet to the NNW	Hazardous Waste Generator/Transporter

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

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
17	IN EXCAVATION	36-15 24TH ST	1316 feet to the N	Active Haz Spill (Unknown/Other Cause)
92	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2020 feet to the N	Closed Status Tank Test Failure
230	CORNER OF	21ST ST & 35TH AVE	2475 feet to the N	Closed Status Spill (Misc. Spill Cause)
29	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Active Haz Spill (Unknown/Other Cause)
103	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
104	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
105	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
106	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
107	RAVENSWOOD -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
215	RAVENSWOOD HOUSES	34-21 21ST STREET	2589 feet to the N	Closed Status Spill (Unk/Other Cause)
117	36-16 28TH STREET	36-16 28TH STREET	1114 feet to the NNE	Closed Status Spill (Unk/Other Cause)
74	PS #112	25-05 37TH AVE	1119 feet to the NNE	Closed Status Tank Test Failure
75	PS #112	25-05 37TH AVE	1119 feet to the NNE	Closed Status Tank Test Failure
76	25-05 37TH AVE	25-05 37TH AVE	1119 feet to the NNE	Closed Status Tank Test Failure
113	MANHOLE 11715	37TH AV/46FT W OF 28TH ST	759 feet to the NE	Closed Status Spill (Unk/Other Cause)
225	APARTMENT HOUSE	36-08 29TH ST	1317 feet to the NE	Closed Status Spill (Misc. Spill Cause)
208		3433 31ST ST	2521 feet to the NE	Closed Status Spill (Unk/Other Cause)
22	BETWEEN 35TH & 36TH ST	35-09 31ST ST	2125 feet to the ENE	Active Haz Spill (Unknown/Other Cause)
203	33-04 35TH AVE	33-04 35TH AVE	2455 feet to the ENE	Closed Status Spill (Unk/Other Cause)
101	ALGUS REALTY	34-56 33RD ST	2512 feet to the ENE	Closed Status Tank Test Failure
6	LEVCO METALS PROPERTY	34-11 36TH STREET	3346 feet to the ENE	NYSDEC Inactive Haz Waste Disposal Site
70	SEE FACTOR INDUSTRY	37-11 30TH ST	867 feet to the E	Closed Status Tank Test Failure
77	CLOSED-LACKOF RECENT INFO	37-14 33RD STREET	1316 feet to the E	Closed Status Tank Test Failure
78	32-10 37TH AV	32-10 37TH AVE	1342 feet to the E	Closed Status Tank Test Failure
56	32-15 37TH AVE	32-15 37TH AVE	1469 feet to the E	Closed Status Tank Failure
183	34TH ST AND	34TH ST & 36TH AV	2136 feet to the E	Closed Status Spill (Unk/Other Cause)
99	COMMERCIAL BUILDING TTF	36-52 36TH ST	2226 feet to the E	Closed Status Tank Test Failure
197	MANHOLE 3253	36TH AV/35TH ST	2340 feet to the E	Closed Status Spill (Unk/Other Cause)
198	MANHOLE 3253	36TH AVE/35TH ST	2340 feet to the E	Closed Status Spill (Unk/Other Cause)
102	TELEBAM PLAZA	36-40 37TH ST	2538 feet to the E	Closed Status Tank Test Failure
210	36-11 36TH STREET	36-11 36TH STREET	2551 feet to the E	Closed Status Spill (Unk/Other Cause)
211	MANHOLE 3254	36TH AV / 36TH ST	2555 feet to the E	Closed Status Spill (Unk/Other Cause)
216	QUEENS PLATING COMPANY	36-12 37TH ST	2632 feet to the E	Closed Status Spill (Unk/Other Cause)
129	MANHOLE #11841	38TH AV & 32ND ST	1119 feet to the ESE	Closed Status Spill (Unk/Other Cause)
85	37-18 34TH STREET	37-18 34TH STREET	1560 feet to the ESE	Closed Status Tank Test Failure
87	AMOCO SERVICE STATION	34-17 NORTHERN BLVD	1699 feet to the ESE	Closed Status Tank Test Failure
148	AMOCO SERVICE STATION	34-17 NORTHERN BLVD	1699 feet to the ESE	Closed Status Spill (Unk/Other Cause)
93	CLOSED-LACKOF RECENT INFO	35-02 NORTHERN BLVD	2069 feet to the ESE	Closed Status Tank Test Failure
181	SILVER STAR MOTORS	37-14 36TH STREET	2087 feet to the ESE	Closed Status Spill (Unk/Other Cause)
25	SUBWAY STATION S/B PLATFORM	36TH ST & NORTHERN BLVD	2161 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
188	36TH ST&NORTHERN BLV/QUNS	36TH ST STA &NORTHERN BLV	2161 feet to the ESE	Closed Status Spill (Unk/Other Cause)
189	36 ST STATION,QUEENS	@36TH ST.STA(G LINE)	2161 feet to the ESE	Closed Status Spill (Unk/Other Cause)

190	COMMERCIAL AREA	3536 NORTHERN BLVD. ACCRO	2162 feet to the ESE	Closed Status Spill (Unk/Other Cause)
200	36-01 37TH AVE	36-01 37TH AVE	2375 feet to the ESE	Closed Status Spill (Unk/Other Cause)
4	STANDARD MOTOR PRODUCTS, INC.	37-18 NORTHERN BOULEVARD	2783 feet to the ESE	NYSDEC Inactive Haz Waste Disposal Site
131	HONEYWELL ST	NORTHERN BLVD & HONEYWELL	1260 feet to the SE	Closed Status Spill (Unk/Other Cause)
132	NORTHERN BLVD/39TH AV	NORTHERN BLVD/39TH AV	1260 feet to the SE	Closed Status Spill (Unk/Other Cause)
54	SHURGARD'S BIG YELLOW	32-04 NORTHERN BLVD	1373 feet to the SE	Closed Status Tank Failure
142	33-00 NORTHERN BLVD	33-00 NORTHERN BLVD	1502 feet to the SE	Closed Status Spill (Unk/Other Cause)
147	34TH ST & NORTHERN BLVD	34TH ST & NORTHERN BLVD	1627 feet to the SE	Closed Status Spill (Unk/Other Cause)
88	107 WEST 38TH REALTY TTF	3328 NORTHERN BLVD	1746 feet to the SE	Closed Status Tank Test Failure
52	EXXONMOBIL -NYCT	31-01 NORTHERN BLVD	1058 feet to the SSE	Closed Status Tank Failure
48	NATIONAL R.R PASSENGER	SUNNYSIDE ON 10 TRACK	2402 feet to the SSE	Active Haz Spill (Misc. Spill Cause)
59	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2402 feet to the SSE	Closed Status Tank Failure
100	CLOSED-LACKOF RECENT INFO	39-29 HONEYWELL STREET	2402 feet to the SSE	Closed Status Tank Test Failure
202	3929 HONEYWELL AVE	3929 HONEYWELL AVE	2402 feet to the SSE	Closed Status Spill (Unk/Other Cause)
228	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2402 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
229	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2402 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
2	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2434 feet to the SSE	NYSDEC Inactive Haz Waste Disposal Site
72	KAL REALTY	29-24 40TH AVE	1039 feet to the S	Closed Status Tank Test Failure
73	CLOSED-LACKOF RECENT INFO	29024 40TH AVENUE	1039 feet to the S	Closed Status Tank Test Failure
135	MTA/LIRR	2985 NORTHERN BLVD	1316 feet to the S	Closed Status Spill (Unk/Other Cause)
86	NYC TRANSIT AUTHORITY	29-50 NORTHERN BLVD	1621 feet to the S	Closed Status Tank Test Failure
146	NYC TRANSIT AUTHORITY	29-60 NORTHERN BLVD	1621 feet to the S	Closed Status Spill (Unk/Other Cause)
57	OFFICE BUILDING	29-27 NORTHERN BLVD	1642 feet to the S	Closed Status Tank Failure
158	FRONT OF 30-10 41ST AVE	VAULT 678	1840 feet to the S	Closed Status Spill (Unk/Other Cause)
67	CLOSED-LACKOF RECENT INFO	39038 29TH ST.	662 feet to the SSW	Closed Status Tank Test Failure
68	CHURCH	39-38 29TH STREET	662 feet to the SSW	Closed Status Tank Test Failure
69	CHURCH	39-38 29TH STREET	662 feet to the SSW	Closed Status Tank Test Failure
145	29-28 41ST AVE	29028 41ST AVENUE	1578 feet to the SSW	Closed Status Spill (Unk/Other Cause)
12	BUSINESS	28-11 QUEENS PLAZA NORTH	1756 feet to the SSW	Active Tank Test Failure
155	VAULT 3202	28-19 BRIDGE PLAZA	1756 feet to the SSW	Closed Status Spill (Unk/Other Cause)
160	MH557	29TH ST AND QUEENS BLVD	1873 feet to the SSW	Closed Status Spill (Unk/Other Cause)
162		QUEENS PLZ/28TH ST	1943 feet to the SSW	Closed Status Spill (Unk/Other Cause)
163	MANHOLE # 8640	28TH ST/QUEENS PLZ	1943 feet to the SSW	Closed Status Spill (Unk/Other Cause)
164	MANHOLE #10639	BRIDGE PLZ/28TH ST	1943 feet to the SSW	Closed Status Spill (Unk/Other Cause)
23	GASETERIA	30-05/30-25 QUEENS BLVD	2160 feet to the SSW	Active Haz Spill (Unknown/Other Cause)
24	GAS STATION	30-05 QUEENS BLVD	2160 feet to the SSW	Active Haz Spill (Unknown/Other Cause)
186	GASETERIA	29-00 NORTHERN BLVD	2160 feet to the SSW	Closed Status Spill (Unk/Other Cause)
187	30-05 QUEENS BLVD.	30-05 QUEENS BLVD	2160 feet to the SSW	Closed Status Spill (Unk/Other Cause)
191	VACANT LOT	42-01 28TH ST	2222 feet to the SSW	Closed Status Spill (Unk/Other Cause)
192	ON THE STREET	28-21 JACKSON AVE	2222 feet to the SSW	Closed Status Spill (Unk/Other Cause)
193	311 CENTER	28-21 JACKSON AVENUE	2222 feet to the SSW	Closed Status Spill (Unk/Other Cause)
9	OUTLET CITY, QUEENS BLVD. & JACKSON AVE.	QUEENS BLVD. & JACKSON AVE., L.I.C.	2491 feet to the SSW	Brownfields Site
207	TM 6360	ORCHARD ST/JACKSON AV	2507 feet to the SSW	Closed Status Spill (Unk/Other Cause)
61	OUTLET CITY	42-16 WEST STREET	2508 feet to the SSW	Closed Status Tank Failure
3	OUTLET CITY	42-16 WEST STREET	2548 feet to the SSW	NYSDEC Inactive Haz Waste Registry Qual.
10	QUEENS PLAZA RESIDENTIAL DEVELOPMENT	28-10 JACKSON AVENUE	2562 feet to the SSW	Brownfields Site
224	40-41 27TH ST	40-41 27TH ST	1257 feet to the SW	Closed Status Spill (Misc. Spill Cause)
30	MAMM REALTY	25-17 41ST AVE	1263 feet to the SW	Active Haz Spill (Misc. Spill Cause)

138	41ST & CRESCENT AVES	41ST ST / CRESENT AVE	1425 feet to the SW	Closed Status Spill (Unk/Other Cause)
82	LOVOUR HOME	2512 41ST AVE	1444 feet to the SW	Closed Status Tank Test Failure
141		41-19 27TH ST	1497 feet to the SW	Closed Status Spill (Unk/Other Cause)
149	MANHOLE 2989	27-01 QUEENS BLVD	1702 feet to the SW	Closed Status Spill (Unk/Other Cause)
150	ETINIA TZILIANOS	41-26 CRESCENT ST	1728 feet to the SW	Closed Status Spill (Unk/Other Cause)
227	DRUM RUN	41-26 CRESANT ST	1728 feet to the SW	Closed Status Spill (Misc. Spill Cause)
58	FALIDAS ASSOCIATES	25-15 QUEENS PLAZA NORTH	1834 feet to the SW	Closed Status Tank Failure
89	FALIDAS ASSOCIATES	25-15 QUEENS PLAZA	1834 feet to the SW	Closed Status Tank Test Failure
159	BUSINESS	41-38 CRESCENT STREET	1865 feet to the SW	Closed Status Spill (Unk/Other Cause)
11	EVANS CONTAINER T.S. #3	24-15 QUEENS PLAZA N	1934 feet to the SW	Solid Waste Facility
168	MANHOLE 14413	QUEENS PLAZA NORTH	1966 feet to the SW	Closed Status Spill (Unk/Other Cause)
182	MANHOLE #7621	QUEENS PLAZA & 24TH ST	2130 feet to the SW	Closed Status Spill (Unk/Other Cause)
185	MANHOLE 4042	CRESCENT ST/QUEENS PLAZA SOUTH	2144 feet to the SW	Closed Status Spill (Unk/Other Cause)
199	42-21 CRESENT ST/QUEENS	42-21 CRESENT STREET	2349 feet to the SW	Closed Status Spill (Unk/Other Cause)
63	42-64 HUNTER STREET	42-64 HUNTER STREET	2568 feet to the SW	Closed Status Tank Failure
116	40-10 CRESCENT ST	40-10 CRESCENT ST	1056 feet to the WSW	Closed Status Spill (Unk/Other Cause)
53	COMMERCIAL BUILDING	40-23 24TH ST‘	1227 feet to the WSW	Closed Status Tank Failure
133	EXCAVATION SITE	40-30 CRESCENT ST	1275 feet to the WSW	Closed Status Spill (Unk/Other Cause)
79	CLOSED-LACKOF RECENT INFO	40-40 CRESCENT ST	1355 feet to the WSW	Closed Status Tank Test Failure
80	APRT	2403 41ST AVE	1417 feet to the WSW	Closed Status Tank Test Failure
140		40-44 24TH STREET	1485 feet to the WSW	Closed Status Spill (Unk/Other Cause)
83	GULF STATION	23-01 41ST AVE	1540 feet to the WSW	Closed Status Tank Test Failure
84	GULF STATION	23-01 41ST AVE	1540 feet to the WSW	Closed Status Tank Test Failure
20	QAZI TOWING	41-01 23RD STREET	1661 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
226	22-07 41ST AVE/QUEENS	22-07 41ST AVENUE	1703 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
175	FOUR SONS REALTY	22-09 QUEENS PLAZA NORTH	2064 feet to the WSW	Closed Status Spill (Unk/Other Cause)
176	PETROCELLI ELECTRIC	22-09 QUEENS PLAZA NORTH	2064 feet to the WSW	Closed Status Spill (Unk/Other Cause)
194	MANHOLE #4414	QUEENS PLAZA & 23RD ST	2235 feet to the WSW	Closed Status Spill (Unk/Other Cause)
62		QUEENS PLAZA N/21ST ST	2563 feet to the WSW	Closed Status Tank Failure
213	SEWER	21ST ST/QUEENS PLAZA NORT	2563 feet to the WSW	Closed Status Spill (Unk/Other Cause)
232	UNDER QUEENSBORUGH BRIDGE	21ST ST/ QUEENS PLAZA NOR	2563 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
7	21-03 44TH AVENUE	21-03 44TH AVENUE	3533 feet to the WSW	NYSDEC Inactive Haz Waste Disposal Site
35	21ST & 40TH AVE	21ST ST & 40TH AVENUE	1752 feet to the W	Active Haz Spill (Misc. Spill Cause)
151	FEEDER 312820	VERNON TO QUEENSBRIDGE SS	1752 feet to the W	Closed Status Spill (Unk/Other Cause)
152	MANHOLE 4097	21 ST / 40 AVE	1752 feet to the W	Closed Status Spill (Unk/Other Cause)
153	MANHOLE #785	21ST ST & 40 AVE	1752 feet to the W	Closed Status Spill (Unk/Other Cause)
154	MANHOLE #10251	21ST ST & 40TH AVE	1752 feet to the W	Closed Status Spill (Unk/Other Cause)
37	VERNON TO QUEENSBRIDGE	40TH AVE & 13TH ST	1999 feet to the W	Active Haz Spill (Misc. Spill Cause)
171	IN THE SEWERS AT	40TH AV & 13TH ST	1999 feet to the W	Closed Status Spill (Unk/Other Cause)
177	MANHOLE # 12778	41-05 21 STREET	2070 feet to the W	Closed Status Spill (Unk/Other Cause)
21	21ST ST & 41ST AVE	21ST ST & 41ST AVE	2075 feet to the W	Active Haz Spill (Unknown/Other Cause)
38	NO. 7 PIPELINE	21ST STREET & 41ST AVE	2075 feet to the W	Active Haz Spill (Misc. Spill Cause)
39	MH # 12778	21 STREET & 41 AVENUE	2075 feet to the W	Active Haz Spill (Misc. Spill Cause)
178	41 AVE & 21 STREET	41 AVE & 21ST STREET	2075 feet to the W	Closed Status Spill (Unk/Other Cause)
179	MANHOLE # 12778	21ST STREET AND 41 AVE	2075 feet to the W	Closed Status Spill (Unk/Other Cause)
180	MANHOLE 12778	21ST ST/ 41ST AVE	2075 feet to the W	Closed Status Spill (Unk/Other Cause)
95	QUEENSBRIDGE PLANT B	40001 12TH ST	2137 feet to the W	Closed Status Tank Test Failure
96	QUEENSBRIDGE PLANT A	40013 12TH ST	2137 feet to the W	Closed Status Tank Test Failure
97	QUEENSBRIDGE PLANT A	40013 12TH STREET	2137 feet to the W	Closed Status Tank Test Failure
184		40-14 21ST ST	2137 feet to the W	Closed Status Spill (Unk/Other Cause)
49	CON ED FDR - QUEENSBRIDGE HSES	12TH ST / 41ST AVE	2506 feet to the W	Active Haz Spill (Misc. Spill Cause)

60	41ST AVENUE & 12ST STREET	41ST AVE/12TH STREET	2506 feet to the W	Closed Status Tank Failure
205	NYC HOUSING AUTHORITY-APARTMENT BUILDING	41ST AVE 12TH ST	2506 feet to the W	Closed Status Spill (Unk/Other Cause)
206	ON THE ROADWAY	41ST AVE/ 12TH ST	2506 feet to the W	Closed Status Spill (Unk/Other Cause)
13	QUEENSBRIDGE PLANT C -NYCHA	40-09 10TH STREET	2596 feet to the W	Active Tank Test Failure
108	QUEENSBRIDGE PLANT C	40009 10TH STREET	2596 feet to the W	Closed Status Tank Test Failure
130	MONARCH CONSTRUCTION	39-16 23RD ST	1153 feet to the WNW	Closed Status Spill (Unk/Other Cause)
55	39-15 21ST STREET	39-15 21ST STREET	1403 feet to the WNW	Closed Status Tank Failure
137	21-24 39TH AVE/QUEENS	21-24 39TH AVENUE	1403 feet to the WNW	Closed Status Spill (Unk/Other Cause)
18	FEEDER # 31281	21ST ST/38TH & 39TH ST	1549 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
31	FEEDER	21ST ST BET 38TH & 39TH AVE	1549 feet to the WNW	Active Haz Spill (Misc. Spill Cause)
19	FEEDER	21ST ST BET 39TH & 40TH AVE	1632 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
161	SIDEWALK	13-01 40TH AVE	1911 feet to the WNW	Closed Status Spill (Unk/Other Cause)
91	38-21 12TH ST/QUEENS/ CHE	38-21 12TH ST.	1954 feet to the WNW	Closed Status Tank Test Failure
165	382112TH STREET	3821 12TH STREET	1954 feet to the WNW	Closed Status Spill (Unk/Other Cause)
166	COMMERCIAL BUSINESS	38-21 12TH STREET	1954 feet to the WNW	Closed Status Spill (Unk/Other Cause)
169	BEST-DDK CLEANERS	38-68 13TH STREET	1972 feet to the WNW	Closed Status Spill (Unk/Other Cause)
40	12TH ST & 40TH AVE	12TH ST & 40TH AVE	2240 feet to the WNW	Active Haz Spill (Misc. Spill Cause)
41	12TH ST & 40TH AVE	12TH ST & 40TH AVE	2240 feet to the WNW	Active Haz Spill (Misc. Spill Cause)
26	TRANSMISSION FEEDER 61	11TH ST, BET 38TH & 40TH AVE	2352 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
214	BTWN 9TH & 10TH ST	9-20 38TH AVE	2587 feet to the WNW	Closed Status Spill (Unk/Other Cause)
5	NATIONAL RUBBER ADHESIVES, INC.	38-31 9TH STREET	2790 feet to the WNW	NYSDEC Inactive Haz Waste Disposal Site
8	CONSOLIDATED EDISON	3854 VERNON BLVD RAVENWOOD STA	3639 feet to the WNW	RCRA Corrective Action Site
222	VAULT #795	38TH AV/24TH ST	746 feet to the NW	Closed Status Spill (Misc. Spill Cause)
14	QUEENSBRIDGE SUBSTATION PH #2	22-09 39TH AVE	1115 feet to the NW	Active Haz Spill (Unknown/Other Cause)
15	QUEENSBRIDGE SUBSTATION TR #2	22-09 39TH AVENUE	1115 feet to the NW	Active Haz Spill (Unknown/Other Cause)
16	QUEENSBRIDGE SUBSTATION TR #1	22-09 39TH AVENUE	1115 feet to the NW	Active Haz Spill (Unknown/Other Cause)
118	QUEENSBRIDGE SUBSTATION	23-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
119	MANHOLE #12775	22-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
120	QUEENSBRIDGE SUBSTATION	22-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
121		233 & 38 AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
122	MANHOLE # 12774	2209 39TH STREET	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
123	MANHOLE#12776	22-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
124	QUEENSBRIDGE SUBSTATION	22-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
125	QUEENSBRIDGE SUBST TR #7	22-09 39TH AVENUE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
126	QUEENSBRIDGE SUBSTATION TR #6	22-09 39TH AVENUE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
127	QUEENSBRIDGE SUBST TR #5	22-09 39TH AVENUE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
128	QUEENSBRIDGE SUBSTATION TR #4	22-09 39TH AVENUE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
223	QUEENS BRIDGE SUBSTATION	2209 39TH ST	1115 feet to the NW	Closed Status Spill (Misc. Spill Cause)
134	38-02 22ND STREET	38-02 22ND ST.	1311 feet to the NW	Closed Status Spill (Unk/Other Cause)
136	38-11 21TH ST.	38011 21TH ST.	1395 feet to the NW	Closed Status Spill (Unk/Other Cause)
81	MERIT OIL	38-01 21ST ST	1434 feet to the NW	Closed Status Tank Test Failure
139	HESS GAS STATION	38-01 21ST ST	1434 feet to the NW	Closed Status Spill (Unk/Other Cause)
32	FEEDER # 31281	21ST ST & 38TH AVE	1563 feet to the NW	Active Haz Spill (Misc. Spill Cause)
33	FEEDER 31281	21ST ST & 38TH AVE	1563 feet to the NW	Active Haz Spill (Misc. Spill Cause)
34	21ST ST & 38TH AVE	21ST ST & 38TH AVE	1563 feet to the NW	Active Haz Spill (Misc. Spill Cause)
143	38TH AVE & 21ST ST	MANHOLE #499- 38TH AVE	1563 feet to the NW	Closed Status Spill (Unk/Other Cause)
144	21ST STREET & 38TH STREET	IN MANHOLE	1563 feet to the NW	Closed Status Spill (Unk/Other Cause)
90	CLOSED-LACKOF RECENT INFO	16-06 37TH AVENUE	1912 feet to the NW	Closed Status Tank Test Failure
94	VACANT BUILDING	12-12 37TH AVE	2092 feet to the NW	Closed Status Tank Test Failure
98	COMMERCIAL BUILDING	1204 37TH AVE	2155 feet to the NW	Closed Status Tank Test Failure
195	ASPHALT	1102 38TH AVE	2261 feet to the NW	Closed Status Spill (Unk/Other Cause)

42	FEEDER 61	11TH ST/38TH AVE	2319 feet to the NW	Active Haz Spill (Misc. Spill Cause)
43	FEEDER #61	11TH ST & 38TH AVE	2319 feet to the NW	Active Haz Spill (Misc. Spill Cause)
44	11TH ST & 38TH AVE	11TH ST & 38TH AVE	2319 feet to the NW	Active Haz Spill (Misc. Spill Cause)
196	38TH AVE & 11TH ST	38TH AVE & 11TH ST	2319 feet to the NW	Closed Status Spill (Unk/Other Cause)
46	BET. FARRAGUT & RAINEY	11TH ST/37TH/38TH AVE	2394 feet to the NW	Active Haz Spill (Misc. Spill Cause)
47	FEEDER 63	11TH AVE/37TH ST/38TH ST	2394 feet to the NW	Active Haz Spill (Misc. Spill Cause)
201	SEWER	11TH ST BET 37TH * 38TH A	2394 feet to the NW	Closed Status Spill (Unk/Other Cause)
204	MANHOLE#16164	37TH AVE/11TH ST	2489 feet to the NW	Closed Status Spill (Unk/Other Cause)
231	FEEDER 61	11TH ST & 37TH AVE	2489 feet to the NW	Closed Status Spill (Misc. Spill Cause)
50	38TH AVE & 10TH ST	38TH AVE & 10TH ST	2561 feet to the NW	Active Haz Spill (Misc. Spill Cause)
212	38TH AVE	38TH AVE & 10TH ST	2561 feet to the NW	Closed Status Spill (Unk/Other Cause)
64	10-12 37TH AVE	10-12 37TH AVE	2580 feet to the NW	Closed Status Tank Failure
51	FEEDER 62	10TH ST/37TH/38TH AVE	2633 feet to the NW	Active Haz Spill (Misc. Spill Cause)
114	DRUM RUN	24TH STREET BW 37TH AVE &	873 feet to the NNW	Closed Status Spill (Unk/Other Cause)
71	37-24 24TH ST/QUEENS	37-24 24TH STREET	949 feet to the NNW	Closed Status Tank Test Failure
1	JUNG SUN LAUNDRY PLUME	37-10 24TH STREET	1000 feet to the NNW	NYSDEC Inactive Haz Waste Disposal Site
115	OIL IN WELL	37-10 24TH STREET	1002 feet to the NNW	Closed Status Spill (Unk/Other Cause)
36	37TH AVE / 14TH ST.	37TH AVE / 14TH ST.	1818 feet to the NNW	Active Haz Spill (Misc. Spill Cause)
156	MANHOLE 5499	37TH AVE/14TH ST	1818 feet to the NNW	Closed Status Spill (Unk/Other Cause)
157	MANHOLE 5499	37TH AVE/14TH ST	1818 feet to the NNW	Closed Status Spill (Unk/Other Cause)
167	14TH STREET BETWEEN	36TH + 37TH	1964 feet to the NNW	Closed Status Spill (Unk/Other Cause)
170	SONIC PROPERTIES	36-28 14TH STREET	1998 feet to the NNW	Closed Status Spill (Unk/Other Cause)
172	VAULT #9358	36TH AVE/ 21ST STREET	2001 feet to the NNW	Closed Status Spill (Unk/Other Cause)
173	3602 21ST STREET	3602 21ST STREET	2017 feet to the NNW	Closed Status Spill (Unk/Other Cause)
174	GETTY #568	36-02 21 STREET	2017 feet to the NNW	Closed Status Spill (Unk/Other Cause)
45	36TH AVE & 13TH STREET	36TH AVE & 13TH STREET	2359 feet to the NNW	Active Haz Spill (Misc. Spill Cause)
27	HOUR CHILDREN	36-11 12TH ST	2405 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
28	BCT REALTY, INC/WELL DUN CLEANERS	12-02 THRU 12-14 36TH AVENUE	2462 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
209	36TH AVENUE AT 12TH STREE	36TH AVENUE AT 12TH STREE	2548 feet to the NNW	Closed Status Spill (Unk/Other Cause)

Identified Toxic Sites by Category

38-20 28th St
Long Island City, NY 11101

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

NYSDEC Inactive Haz. Waste Disposal Site Registry -- Total Sites - 6

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	241102	JUNG SUN LAUNDRY PLUME	37-10 24TH STREET	1000 feet to the NNW
2	241006	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2434 feet to the SSE
4	241016	STANDARD MOTOR PRODUCTS, INC.	37-18 NORTHERN BOULEVARD	2783 feet to the ESE
5	241028	NATIONAL RUBBER ADHESIVES, INC.	38-31 9TH STREET	2790 feet to the WNW
6	241009	LEVCO METALS PROPERTY	34-11 36TH STREET	3346 feet to the ENE
7	241107	21-03 44TH AVENUE	21-03 44TH AVENUE	3533 feet to the WSW

Inactive Haz. Waste Disposal Site Registry Qualifying -- Total Sites - 1

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
3		OUTLET CITY	42-16 WEST STREET	2548 feet to the SSW

RCRA Corrective Action Sites -- Total Sites - 1

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
8	NYD003917960	CONSOLIDATED EDISON	3854 VERNON BLVD RAVENWOOD STA	3639 feet to the WNW

Brownfields Sites -- Total Sites - 2

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
9	V00081	OUTLET CITY, QUEENS BLVD. & JACKSON AVE.	QUEENS BLVD. & JACKSON AVE., L.I.C.	2491 feet to the SSW
10	C241105	QUEENS PLAZA RESIDENTIAL DEVELOPMENT	28-10 JACKSON AVENUE	2562 feet to the SSW

Solid Waste Facilities -- Total Sites - 1

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
11	41T37	EVANS CONTAINER T.S. #3	24-15 QUEENS PLAZA N	1934 feet to the SW

Active Tank Test Failures -- Total Sites - 2

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
12	0512409	BUSINESS	28-11 QUEENS PLAZA NORTH	1756 feet to the SSW
13	9008076	QUEENSBRIDGE PLANT C -NYCHA	40-09 10TH STREET	2596 feet to the W

Active Haz Spills (Unknown Causes & Other Causes) -- Total Sites - 16

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
14	0202888	QUEENSBRIDGE SUBSTATION PH #2	22-09 39TH AVE	1115 feet to the NW
15	0200328	QUEENSBRIDGE SUBSTATION TR #2	22-09 39TH AVENUE	1115 feet to the NW
16	0200323	QUEENSBRIDGE SUBSTATION TR #1	22-09 39TH AVENUE	1115 feet to the NW
17	1004467	IN EXCAVATION	36-15 24TH ST	1316 feet to the N
18	9400473	FEEDER # 31281	21ST ST/38TH & 39TH ST	1549 feet to the WNW
19	9206118	FEEDER	21ST ST BET 39TH & 40TH AVE	1632 feet to the WNW
20	0412186	QAZI TOWING	41-01 23RD STREET	1661 feet to the WSW
21	9500744	21ST ST & 41ST AVE	21ST ST & 41ST AVE	2075 feet to the W
22	0306439	BETWEEN 35TH & 36TH ST	35-09 31ST ST	2125 feet to the ENE
23	9912794	GASETERIA	30-05/30-25 QUEENS BLVD	2160 feet to the SSW
24	0713169	GAS STATION	30-05 QUEENS BLVD	2160 feet to the SSW
25	0811325	SUBWAY STATION S/B PLATFORM	36TH ST & NORTHERN BLVD	2161 feet to the ESE
26	1101048	TRANSMISSION FEEDER 61	11TH ST, BET 38TH & 40TH AVE	2352 feet to the WNW
27	0809566	HOUR CHILDREN	36-11 12TH ST	2405 feet to the NNW
28	0814161	BCT REALTY, INC/WELL DUN CLEANERS	12-02 THRU 12-14 36TH AVENUE	2462 feet to the NNW

29	0500616	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N

Active Haz Spills (Miscellaneous Spill Causes) -- Total Sites - 22 **Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
30	9803835	MAMM REALTY	25-17 41ST AVE	1263 feet to the SW
31	9408172	FEEDER	21ST ST BET 38TH & 39TH AVE	1549 feet to the WNW
32	9401387	FEEDER # 31281	21ST ST & 38TH AVE	1563 feet to the NW
33	9307497	FEEDER 31281	21ST ST & 38TH AVE	1563 feet to the NW
34	8912492	21ST ST & 38TH AVE	21ST ST & 38TH AVE	1563 feet to the NW
35	9011553	21ST & 40TH AVE	21ST ST & 40TH AVENUE	1752 feet to the W
36	9308351	37TH AVE / 14TH ST.	37TH AVE / 14TH ST.	1818 feet to the NNW
37	9613180	VERNON TO QUEENSBRIDGE	40TH AVE & 13TH ST	1999 feet to the W
38	9402566	NO. 7 PIPELINE	21ST STREET & 41ST AVE	2075 feet to the W
39	0712062	MH # 12778	21 STREET & 41 AVENUE	2075 feet to the W
40	8912495	12TH ST & 40TH AVE	12TH ST & 40TH AVE	2240 feet to the WNW
41	8710979	12TH ST & 40TH AVE	12TH ST & 40TH AVE	2240 feet to the WNW
42	9403244	FEEDER 61	11TH ST/38TH AVE	2319 feet to the NW
43	9315228	FEEDER #61	11TH ST & 38TH AVE	2319 feet to the NW
44	9013325	11TH ST & 38TH AVE	11TH ST & 38TH AVE	2319 feet to the NW
45	9307883	36TH AVE & 13TH STREET	36TH AVE & 13TH STREET	2359 feet to the NNW
46	9307820	BET. FARRAGUT & RAINEY	11TH ST/37TH/38TH AVE	2394 feet to the NW
47	9200870	FEEDER 63	11TH AVE/37TH ST/38TH ST	2394 feet to the NW
48	9300199	NATIONAL R.R PASSENGER	SUNNYSIDE ON 10 TRACK	2402 feet to the SSE
49	8707045	CON ED FDR - QUEENSBRIDGE HSES	12TH ST / 41ST AVE	2506 feet to the W
50	9113339	38TH AVE & 10TH ST	38TH AVE & 10TH ST	2561 feet to the NW
51	9401092	FEEDER 62	10TH ST/37TH/38TH AVE	2633 feet to the NW

Closed Status Tank Failures -- Total Sites - 13 **Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
52	8700671	EXXONMOBIL -NYCT	31-01 NORTHERN BLVD	1058 feet to the SSE
53	0506977	COMMERCIAL BUILDING	40-23 24TH ST‘	1227 feet to the WSW
54	8805789	SHURGARD‘S BIG YELLOW	32-04 NORTHERN BLVD	1373 feet to the SE
55	9308729	39-15 21ST STREET	39-15 21ST STREET	1403 feet to the WNW
56	9212707	32-15 37TH AVE	32-15 37TH AVE	1469 feet to the E
57	0612458	OFFICE BUILDING	29-27 NORTHERN BLVD	1642 feet to the S
58	0305348	FALIDAS ASSOCIATES	25-15 QUEENS PLAZA NORTH	1834 feet to the SW
59	9207333	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2402 feet to the SSE
60	9313090	41ST AVENUE & 12ST STREET	41ST AVE/12TH STREET	2506 feet to the W
61	9600688	OUTLET CITY	42-16 WEST STREET	2508 feet to the SSW
62	0100062		QUEENS PLAZA N/21ST ST	2563 feet to the WSW
63	9310213	42-64 HUNTER STREET	42-64 HUNTER STREET	2568 feet to the SW
64	9406565	10-12 37TH AVE	10-12 37TH AVE	2580 feet to the NW

Closed Status Tank Test Failures -- Total Sites - 44 **Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
65	9805230	ABANDONED BLDG	38-28 28TH ST	60 feet to the SW*
66	0011444	38-31 CRESCENT ST	38-31 CRESCENT ST	414 feet to the WNW
67	8705823	CLOSED-LACKOF RECENT INFO	39038 29TH ST.	662 feet to the SSW
68	0411423	CHURCH	39-38 29TH STREET	662 feet to the SSW
69	0411422	CHURCH	39-38 29TH STREET	662 feet to the SSW
70	9801491	SEE FACTOR INDUSTRY	37-11 30TH ST	867 feet to the E
71	8905393	37-24 24TH ST/QUEENS	37-24 24TH STREET	949 feet to the NNW
72	9806658	KAL REALTY	29-24 40TH AVE	1039 feet to the S

73	8709369	CLOSED-LACKOF RECENT INFO	29024 40TH AVENUE	1039 feet to the S
74	9900153	PS #112	25-05 37TH AVE	1119 feet to the NNE
75	9900152	PS #112	25-05 37TH AVE	1119 feet to the NNE
76	9301138	25-05 37TH AVE	25-05 37TH AVE	1119 feet to the NNE
77	8905637	CLOSED-LACKOF RECENT INFO	37-14 33RD STREET	1316 feet to the E
78	0200301	32-10 37TH AV	32-10 37TH AVE	1342 feet to the E
79	9105613	CLOSED-LACKOF RECENT INFO	40-40 CRESCENT ST	1355 feet to the WSW
80	0711618	APRT	2403 41ST AVE	1417 feet to the WSW
81	9700124	MERIT OIL	38-01 21ST ST	1434 feet to the NW
82	0700688	LOVOUR HOME	2512 41ST AVE	1444 feet to the SW
83	0808735	GULF STATION	23-01 41ST AVE	1540 feet to the WSW
84	0308076	GULF STATION	23-01 41ST AVE	1540 feet to the WSW
85	9212419	37-18 34TH STREET	37-18 34TH STREET	1560 feet to the ESE
86	9100729	NYC TRANSIT AUTHORITY	29-50 NORTHERN BLVD	1621 feet to the S
87	0400123	AMOCO SERVICE STATION	34-17 NORTHERN BLVD	1699 feet to the ESE
88	1103545	107 WEST 38TH REALTY TTF	3328 NORTHERN BLVD	1746 feet to the SE
89	8905133	FALIDAS ASSOCIATES	25-15 QUEENS PLAZA	1834 feet to the SW
90	9006897	CLOSED-LACKOF RECENT INFO	16-06 37TH AVENUE	1912 feet to the NW
91	8706722	38-21 12TH ST/QUEENS/ CHE	38-21 12TH ST.	1954 feet to the WNW
92	9611816	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2020 feet to the N
93	8904880	CLOSED-LACKOF RECENT INFO	35-02 NORTHERN BLVD	2069 feet to the ESE
94	9604477	VACANT BUILDING	12-12 37TH AVE	2092 feet to the NW
95	9205290	QUEENSBRIDGE PLANT B	40001 12TH ST	2137 feet to the W
96	9103241	QUEENSBRIDGE PLANT A	40013 12TH ST	2137 feet to the W
97	9008034	QUEENSBRIDGE PLANT A	40013 12TH STREET	2137 feet to the W
98	0511360	COMMERCIAL BUILDING	1204 37TH AVE	2155 feet to the NW
99	0909061	COMMERCIAL BUILDING TTF	36-52 36TH ST	2226 feet to the E
100	9013163	CLOSED-LACKOF RECENT INFO	39-29 HONEYWELL STREET	2402 feet to the SSE
101	0112167	ALGUS REALTY	34-56 33RD ST	2512 feet to the ENE
102	0002370	TELEBAM PLAZA	36-40 37TH ST	2538 feet to the E
103	9811494	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N
104	9806512	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N
105	9604146	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N
106	9310628	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N
107	9008488	RAVENSWOOD -NYCHA	34-21 21ST ST	2589 feet to the N
108	9314509	QUEENSBRIDGE PLANT C	40009 10TH STREET	2596 feet to the W

Closed Status Spills (Unknown Causes & Other Causes) -- Total Sites - 108 **Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
109	0109297	MANHOLE #17849	38TH AV & CRESENT ST	502 feet to the NNW
110	0109284	MANOHLE #17849	38TH AV & CRESCENT ST	502 feet to the NNW
111	9830020	EXPRESSWAY GARAGE	39-15 29TH STREET	605 feet to the S
112	0890538	CONSTRUCTION SITE	39-35 27TH STREET	635 feet to the SW
113	0005302	MANHOLE 11715	37TH AV/46FT W OF 28TH ST	759 feet to the NE
114	0606062	DRUM RUN	24TH STREET BW 37TH AVE &	873 feet to the NNW
115	0711317	OIL IN WELL	37-10 24TH STREET	1002 feet to the NNW
116	0312632	40-10 CRESCENT ST	40-10 CRESCENT ST	1056 feet to the WSW
117	9313982	36-16 28TH STREET	36-16 28TH STREET	1114 feet to the NNE
118	9914466	QUEENSBRIDGE SUBSTATION	23-09 39TH AVE	1115 feet to the NW
119	0408347	MANHOLE #12775	22-09 39TH AVE	1115 feet to the NW
120	0405430	QUEENSBRIDGE SUBSTATION	22-09 39TH AVE	1115 feet to the NW
121	0405428		233 & 38 AVE	1115 feet to the NW
122	0404989	MANHOLE # 12774	2209 39TH STREET	1115 feet to the NW

123	0404960	MANHOLE#12776	22-09 39TH AVE	1115 feet to the NW
124	0210573	QUEENSBRIDGE SUBSTATION	22-09 39TH AVE	1115 feet to the NW
125	0200332	QUEENSBRIDGE SUBST TR #7	22-09 39TH AVENUE	1115 feet to the NW
126	0200331	QUEENSBRIDGE SUBSTATION TR #6	22-09 39TH AVENUE	1115 feet to the NW
127	0200330	QUEENSBRIDGE SUBST TR #5	22-09 39TH AVENUE	1115 feet to the NW
128	0200329	QUEENSBRIDGE SUBSTATION TR #4	22-09 39TH AVENUE	1115 feet to the NW
129	9907722	MANHOLE #11841	38TH AV & 32ND ST	1119 feet to the ESE
130	9903169	MONARCH CONSTRUCTION	39-16 23RD ST	1153 feet to the WNW
131	9905566	HONEYWELL ST	NORTHERN BLVD & HONEYWELL	1260 feet to the SE
132	9514141	NORTHERN BLVD/39TH AV	NORTHERN BLVD/39TH AV	1260 feet to the SE
133	0712849	EXCAVATION SITE	40-30 CRESCENT ST	1275 feet to the WSW
134	9312589	38-02 22ND STREET	38-02 22ND ST.	1311 feet to the NW
135	0210866	MTA/LIRR	2985 NORTHERN BLVD	1316 feet to the S
136	9312713	38-11 21TH ST.	38011 21TH ST.	1395 feet to the NW
137	8909695	21-24 39TH AVE/QUEENS	21-24 39TH AVENUE	1403 feet to the WNW
138	8202131	41ST & CRESCENT AVES	41ST ST / CRESENT AVE	1425 feet to the SW
139	9900053	HESS GAS STATION	38-01 21ST ST	1434 feet to the NW
140	9701079		40-44 24TH STREET	1485 feet to the WSW
141	0201484		41-19 27TH ST	1497 feet to the SW
142	0806786	33-00 NORTHERN BLVD	33-00 NORTHERN BLVD	1502 feet to the SE
143	9409876	38TH AVE & 21ST ST	MANHOLE #499- 38TH AVE	1563 feet to the NW
144	9400934	21ST STREET & 38TH STREET	IN MANHOLE	1563 feet to the NW
145	9407016	29-28 41ST AVE	29028 41ST AVENUE	1578 feet to the SSW
146	9408603	NYC TRANSIT AUTHORITY	29-60 NORTHERN BLVD	1621 feet to the S
147	7900952	34TH ST & NORTHERN BLVD	34TH ST & NORTHERN BLVD	1627 feet to the SE
148	8402855	AMOCO SERVICE STATION	34-17 NORTHERN BLVD	1699 feet to the ESE
149	0307893	MANHOLE 2989	27-01 QUEENS BLVD	1702 feet to the SW
150	0101900	ETINIA TZILIANOS	41-26 CRESCENT ST	1728 feet to the SW
151	9603337	FEEDER 312820	VERNON TO QUEENSBRIDGE SS	1752 feet to the W
152	0504911	MANHOLE 4097	21 ST / 40 AVE	1752 feet to the W
153	0405146	MANHOLE #785	21ST ST & 40 AVE	1752 feet to the W
154	0002763	MANHOLE #10251	21ST ST & 40TH AVE	1752 feet to the W
155	0100631	VAULT 3202	28-19 BRIDGE PLAZA	1756 feet to the SSW
156	0004791	MANHOLE 5499	37TH AVE/14TH ST	1818 feet to the NNW
157	0004487	MANHOLE 5499	37TH AVE/14TH ST	1818 feet to the NNW
158	0006847	FRONT OF 30-10 41ST AVE	VAULT 678	1840 feet to the S
159	0401176	BUSINESS	41-38 CRESCENT STREET	1865 feet to the SW
160	0003065	MH557	29TH ST AND QUEENS BLVD	1873 feet to the SSW
161	0902601	SIDEWALK	13-01 40TH AVE	1911 feet to the WNW
162	0300295		QUEENS PLZ/28TH ST	1943 feet to the SSW
163	0105507	MANHOLE # 8640	28TH ST/QUEENS PLZ	1943 feet to the SSW
164	0000578	MANHOLE #10639	BRIDGE PLZ/28TH ST	1943 feet to the SSW
165	9500524	382112TH STREET	3821 12TH STREET	1954 feet to the WNW
166	0413143	COMMERCIAL BUSINESS	38-21 12TH STREET	1954 feet to the WNW
167	9611523	14TH STREET BETWEEN	36TH + 37TH	1964 feet to the NNW
168	0403163	MANHOLE 14413	QUEENS PLAZA NORTH	1966 feet to the SW
169	0913336	BEST-DDK CLEANERS	38-68 13TH STREET	1972 feet to the WNW
170	9306917	SONIC PROPERTIES	36-28 14TH STREET	1998 feet to the NNW
171	9613192	IN THE SEWERS AT	40TH AV & 13TH ST	1999 feet to the W
172	0404359	VAULT #9358	36TH AVE/ 21ST STREET	2001 feet to the NNW
173	0807017	3602 21ST STREET	3602 21ST STREET	2017 feet to the NNW
174	0511739	GETTY #568	36-02 21 STREET	2017 feet to the NNW
175	9705856	FOUR SONS REALTY	22-09 QUEENS PLAZA NORTH	2064 feet to the WSW

176	0330001	PETROCELLI ELECTRIC	22-09 QUEENS PLAZA NORTH	2064 feet to the WSW
177	0407395	MANHOLE # 12778	41-05 21 STREET	2070 feet to the W
178	9502373	41 AVE & 21 STREET	41 AVE & 21ST STREET	2075 feet to the W
179	0503575	MANHOLE # 12778	21ST STREET AND 41 AVE	2075 feet to the W
180	0502395	MANHOLE 12778	21ST ST/ 41ST AVE	2075 feet to the W
181	9708090	SILVER STAR MOTORS	37-14 36TH STREET	2087 feet to the ESE
182	0204419	MANHOLE #7621	QUEENS PLAZA & 24TH ST	2130 feet to the SW
183	0111596	34TH ST AND	34TH ST & 36TH AV	2136 feet to the E
184	0306391		40-14 21ST ST	2137 feet to the W
185	0813177	MANHOLE 4042	CRESCENT ST/QUEENS PLAZA SOUTH	2144 feet to the SW
186	9814153	GASETERIA	29-00 NORTHERN BLVD	2160 feet to the SSW
187	0409014	30-05 QUEENS BLVD.	30-05 QUEENS BLVD	2160 feet to the SSW
188	8809721	36TH ST&NORTHERN BLV/QUNS	36TH ST STA &NORTHERN BLV	2161 feet to the ESE
189	8600212	36 ST STATION,QUEENS	@36TH ST.STA(G LINE)	2161 feet to the ESE
190	0402592	COMMERCIAL AREA	3536 NORTHERN BLVD. ACCRO	2162 feet to the ESE
191	0902823	VACANT LOT	42-01 28TH ST	2222 feet to the SSW
192	0312740	ON THE STREET	28-21 JACKSON AVE	2222 feet to the SSW
193	0211974	311 CENTER	28-21 JACKSON AVENUE	2222 feet to the SSW
194	0109397	MANHOLE #4414	QUEENS PLAZA & 23RD ST	2235 feet to the WSW
195	1102458	ASPHALT	1102 38TH AVE	2261 feet to the NW
196	9706395	38TH AVE & 11TH ST	38TH AVE & 11TH ST	2319 feet to the NW
197	0003671	MANHOLE 3253	36TH AV/35TH ST	2340 feet to the E
198	0001227	MANHOLE 3253	36TH AVE/35TH ST	2340 feet to the E
199	9006388	42-21 CRESENT ST/QUEENS	42-21 CRESENT STREET	2349 feet to the SW
200	9600925	36-01 37TH AVE	36-01 37TH AVE	2375 feet to the ESE
201	9603819	SEWER	11TH ST BET 37TH * 38TH A	2394 feet to the NW
202	8604461	3929 HONEYWELL AVE	3929 HONEYWELL AVE	2402 feet to the SSE
203	9203559	33-04 35TH AVE	33-04 35TH AVE	2455 feet to the ENE
204	0406678	MANHOLE#16164	37TH AVE/11TH ST	2489 feet to the NW
205	0812866	NYC HOUSING AUTHORITY-APARTMENT BUILDING	41ST AVE 12TH ST	2506 feet to the W
206	0701442	ON THE ROADWAY	41ST AVE/ 12TH ST	2506 feet to the W
207	0110006	TM 6360	ORCHARD ST/JACKSON AV	2507 feet to the SSW
208	0307487		3433 31ST ST	2521 feet to the NE
209	9611520	36TH AVENUE AT 12TH STREE	36TH AVENUE AT 12TH STREE	2548 feet to the NNW
210	9410936	36-11 36TH STREET	36-11 36TH STREET	2551 feet to the E
211	0003585	MANHOLE 3254	36TH AV / 36TH ST	2555 feet to the E
212	0400952	38TH AVE	38TH AVE & 10TH ST	2561 feet to the NW
213	9713261	SEWER	21ST ST/QUEENS PLAZA NORT	2563 feet to the WSW
214	0401100	BTWN 9TH & 10TH ST	9-20 38TH AVE	2587 feet to the WNW
215	9306848	RAVENSWOOD HOUSES	34-21 21ST STREET	2589 feet to the N
216	0604580	QUEENS PLATING COMPANY	36-12 37TH ST	2632 feet to the E

Closed Status Spills (Miscellaneous Spill Causes) -- Total Sites - 16 **Database searched at 1/2 MILE - ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
217	0814295	212577; 38 AVE AND 27 ST	38 AVE AND 27 ST	301 feet to the N
218	0108724		37-27 28TH ST	461 feet to the NE
219	9211335	37-15 27TH STREET	37-15 27TH STREET	590 feet to the NNE
220	9414225	37-20 27TH ST	37-20 27TH ST	603 feet to the N
221	9410285	37-23 CRESCENT AVENUE	37-23 CRESCENT AVENUE	620 feet to the N
222	9913201	VAULT #795	38TH AV/24TH ST	746 feet to the NW
223	0104547	QUEENS BRIDGE SUBSTATION	2209 39TH ST	1115 feet to the NW
224	0003871	40-41 27TH ST	40-41 27TH ST	1257 feet to the SW
225	1000801	APARTMENT HOUSE	36-08 29TH ST	1317 feet to the NE

226	8809904	22-07 41ST AVE/QUEENS	22-07 41ST AVENUE	1703 feet to the WSW
227	0606918	DRUM RUN	41-26 CRESANT ST	1728 feet to the SW
228	0303007	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2402 feet to the SSE
229	0009184	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2402 feet to the SSE
230	9612475	CORNER OF	21ST ST & 35TH AVE	2475 feet to the N
231	0211423	FEEDER 61	11TH ST & 37TH AVE	2489 feet to the NW
232	0503448	UNDER QUEENSBORUGH BRIDGE	21ST ST/ QUEENS PLAZA NOR	2563 feet to the WSW

Petroleum Bulk Storage Sites -- Total Sites - 19 — **Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
233	2-603734	38-28 30-28TH STREET	38-28 28TH STREET	60 feet to the SW*
234	2-600285	A MUNDER & SON,INC	28-10 38TH AVENUE	193 feet to the E*
235	NY01133	A MUNDER&SONS INC	38-01 28 ST	193 feet to the E*
236	2-210218	20 FAMILY APT HOUSE	38-32 29TH STREET	277 feet to the SSE
237	2-290483	DIMOS PANAGOULIS	38-06 29 ST	279 feet to the E
238	2-090913	FONTANA,LLC	28-18 38TH AVENUE	296 feet to the E
239	2-404640	CALLIOPI LAMBADIS	27-08 39 AVE	345 feet to the SW
240	2-249289	QP II 38-05 CRESCENT STREET LLC	38-05 CRESCENT STREET	400 feet to the NW
241	2-278726	37-33 28TH ST REALTY CORP	37-33 28TH STREET	406 feet to the NE
242	NY07573	O K ELECTRIC CO	38-31 CRESCENT ST	407 feet to the WNW
243	2-284033	MELNICH REALTY CO.	29-05 39TH AVENUE	441 feet to the SE
244	2-326143	MC ACROPOLIS, LLC	24-16 38TH AVENUE	546 feet to the NW
245	2-609602	MILLENIUM AUTO CARE	29-15 38TH AVENUE	557 feet to the E
246	2-114464	37-27 CRESCENT ST	37-27 CRESCENT STREET	563 feet to the N
247	2-358223	ENGINE 261 / LADDER 116	37-20 29TH STREET	564 feet to the ENE
248	2-607446	EVANGEL CHURCH & SCHOOL	39-21 CRESCENT STREET	583 feet to the WSW
249	NY09371	ST PATRICKS	39-37 28 ST	588 feet to the SSW
250	2-130060	37-15 27 STREET CORP.	37-15 27 STREET	592 feet to the NNE
251	2-609145	P & A AUTO SERVICE, INC.	38-09 24TH STREET	636 feet to the NW

Hazardous Waste Generators, Transporters -- Total Sites - 12 — **Database searched at 1/8 MILE - ASTM required search distance: Property & Adjacent**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
252	NYD982720302	NATIONAL TESTING LABS	27-14 39TH AVENUE	310 feet to the SW
253	NYR000085118	NATIONAL TESTING LABS	39TH AVE	310 feet to the SW
254	NYD012316667	ACCARDI ELECTRIC MOTOR COMPANY	25-10 38TH AVENUE	355 feet to the NW
255	NYD987028198	ORKIN PEST CONTROL CO INC	38-31 CRESCENT ST	358 feet to the WNW
256	NYP000886580	ORKIN	38-31 CRESENT STREET	358 feet to the WNW
257	NYD986964880	BELCO EQUIPMENT	38-01 29TH STREET	395 feet to the ESE
258	NYP004094306	CONSOLIDATED EDISON	38 AVE & CRESCENT MH17849	502 feet to the NNW
259	NYD001509256	S G DOR INDUSTRIES LTD	38-14 30TH ST	515 feet to the SE
260	NYD001288810	KERNS MANUFACTURING CORPORATION	37-14 29TH STREET	585 feet to the NE
261	NYD987031994	REPUBLIC ELEVATOR CO INC	38-19 24TH ST	624 feet to the NW
262	NYD980776884	TRI CITY WASTE OIL	38-31 30TH ST	648 feet to the SE
263	NYD987037744	ADVANCE ELECTRIC	38-01 24TH ST	649 feet to the NW

Air Discharge Sites -- Total Sites - 1 — **Database searched at 1/8 MILE - Non-ASTM Database**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
264	NY081X1UA	KERNS MANUFACTURING CORP	3714 29TH ST	611 feet to the NE

NYC Env. Quality Review - Env. Designation Sites -- Total Sites - 26 — **Database searched at 250 FT - ASTM required search distance: Onsite Only**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
265	E-218	BLOCK: 386 LOT: 23	38-20 28 STREET	0 feet
266	E-218	BLOCK: 386 LOT: 25	38-26 28 STREET	38 feet to the SW*

267	E-218	BLOCK: 386	LOT: 20	38-12 28 STREET	60 feet to the NNE*
268	E-218	BLOCK: 386	LOT: 19	38-10 28 STREET	108 feet to the NNE*
269	E-218	BLOCK: 386	LOT: 6	38-19 27 STREET	108 feet to the NW*
270	E-218	BLOCK: 386	LOT: 5	38-21 27 STREET	109 feet to the WNW*
271	E-218	BLOCK: 386	LOT: 4	38-23 27 STREET	114 feet to the WNW*
272	E-218	BLOCK: 386	LOT: 3	38-25 27 STREET	122 feet to the W*
273	E-218	BLOCK: 386	LOT: 7	38-11 27 STREET	124 feet to the NNW*
274	E-218	BLOCK: 386	LOT: 30	28-17 39 AVENUE	143 feet to the SW*
275	E-218	BLOCK: 386	LOT: 31	27-15 39 AVENUE	146 feet to the SW*
276	E-218	BLOCK: 385	LOT: 5	38-23 28 STREET	149 feet to the SE*
277	E-218	BLOCK: 386	LOT: 32	27-11 39 AVENUE	153 feet to the SW*
278	E-218	BLOCK: 386	LOT: 17	38-04 28 STREET	155 feet to the NNE*
279	E-218	BLOCK: 385	LOT: 4	38-27 28 STREET	156 feet to the SE*
280	E-218	BLOCK: 385	LOT: 3	38-29 28 STREET	164 feet to the SSE*
281	E-218	BLOCK: 386	LOT: 12	38-07 27 STREET	164 feet to the N*
282	E-218	BLOCK: 386	LOT: 13	38-05 27 STREET	176 feet to the N*
283	E-218	BLOCK: 385	LOT: 2	38-31 28 STREET	177 feet to the SSE*
284	E-218	BLOCK: 386	LOT: 16	38-02 28 STREET	180 feet to the NNE*
285	E-218	BLOCK: 386	LOT: 14	38-03 27 STREET	189 feet to the N*
286	E-218	BLOCK: 385	LOT: 1	28-01 39 AVENUE	205 feet to the S
287	E-218	BLOCK: 386	LOT: 15	38-01 27 STREET	207 feet to the N
288	E-218	BLOCK: 385	LOT: 32	28-09 39 AVENUE	231 feet to the SSE
289	E-218	BLOCK: 385	LOT: 22	382O 29 STREET	247 feet to the SE
290	E-218	BLOCK: 385	LOT: 21	38-16 29 STREET	249 feet to the ESE

Identified Toxic Sites by Proximity

38-20 28th St, Long Island City, NY 11101

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

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
265	BLOCK: 386 LOT: 23	38-20 28 STREET	0 feet	NYC Env. Qual. Review-"E" Designation
266	BLOCK: 386 LOT: 25	38-26 28 STREET	38 feet to the SW*	NYC Env. Qual. Review-"E" Designation
65	ABANDONED BLDG	38-28 28TH ST	60 feet to the SW*	Closed Status Tank Test Failure
233	38-28 30-28TH STREET	38-28 28TH STREET	60 feet to the SW*	Petroleum Bulk Storage Site
267	BLOCK: 386 LOT: 20	38-12 28 STREET	60 feet to the NNE*	NYC Env. Qual. Review-"E" Designation
268	BLOCK: 386 LOT: 19	38-10 28 STREET	108 feet to the NNE*	NYC Env. Qual. Review-"E" Designation
269	BLOCK: 386 LOT: 6	38-19 27 STREET	108 feet to the NW*	NYC Env. Qual. Review-"E" Designation
270	BLOCK: 386 LOT: 5	38-21 27 STREET	109 feet to the WNW*	NYC Env. Qual. Review-"E" Designation
271	BLOCK: 386 LOT: 4	38-23 27 STREET	114 feet to the WNW*	NYC Env. Qual. Review-"E" Designation
272	BLOCK: 386 LOT: 3	38-25 27 STREET	122 feet to the W*	NYC Env. Qual. Review-"E" Designation
273	BLOCK: 386 LOT: 7	38-11 27 STREET	124 feet to the NNW*	NYC Env. Qual. Review-"E" Designation
274	BLOCK: 386 LOT: 30	28-17 39 AVENUE	143 feet to the SW*	NYC Env. Qual. Review-"E" Designation
275	BLOCK: 386 LOT: 31	27-15 39 AVENUE	146 feet to the SW*	NYC Env. Qual. Review-"E" Designation
276	BLOCK: 385 LOT: 5	38-23 28 STREET	149 feet to the SE*	NYC Env. Qual. Review-"E" Designation
277	BLOCK: 386 LOT: 32	27-11 39 AVENUE	153 feet to the SW*	NYC Env. Qual. Review-"E" Designation
278	BLOCK: 386 LOT: 17	38-04 28 STREET	155 feet to the NNE*	NYC Env. Qual. Review-"E" Designation
279	BLOCK: 385 LOT: 4	38-27 28 STREET	156 feet to the SE*	NYC Env. Qual. Review-"E" Designation
280	BLOCK: 385 LOT: 3	38-29 28 STREET	164 feet to the SSE*	NYC Env. Qual. Review-"E" Designation
281	BLOCK: 386 LOT: 12	38-07 27 STREET	164 feet to the N*	NYC Env. Qual. Review-"E" Designation
282	BLOCK: 386 LOT: 13	38-05 27 STREET	176 feet to the N*	NYC Env. Qual. Review-"E" Designation
283	BLOCK: 385 LOT: 2	38-31 28 STREET	177 feet to the SSE*	NYC Env. Qual. Review-"E" Designation
284	BLOCK: 386 LOT: 16	38-02 28 STREET	180 feet to the NNE*	NYC Env. Qual. Review-"E" Designation
285	BLOCK: 386 LOT: 14	38-03 27 STREET	189 feet to the N*	NYC Env. Qual. Review-"E" Designation
234	A MUNDER & SON,INC	28-10 38TH AVENUE	193 feet to the E*	Petroleum Bulk Storage Site
235	A MUNDER&SONS INC	38-01 28 ST	193 feet to the E*	Petroleum Bulk Storage Site
286	BLOCK: 385 LOT: 1	28-01 39 AVENUE	205 feet to the S	NYC Env. Qual. Review-"E" Designation
287	BLOCK: 386 LOT: 15	38-01 27 STREET	207 feet to the N	NYC Env. Qual. Review-"E" Designation
288	BLOCK: 385 LOT: 32	28-09 39 AVENUE	231 feet to the SSE	NYC Env. Qual. Review-"E" Designation
289	BLOCK: 385 LOT: 22	382O 29 STREET	247 feet to the SE	NYC Env. Qual. Review-"E" Designation
290	BLOCK: 385 LOT: 21	38-16 29 STREET	249 feet to the ESE	NYC Env. Qual. Review-"E" Designation
236	20 FAMILY APT HOUSE	38-32 29TH STREET	277 feet to the SSE	Petroleum Bulk Storage Site
237	DIMOS PANAGOULIS	38-06 29 ST	279 feet to the E	Petroleum Bulk Storage Site
238	FONTANA,LLC	28-18 38TH AVENUE	296 feet to the E	Petroleum Bulk Storage Site
217	212577; 38 AVE AND 27 ST	38 AVE AND 27 ST	301 feet to the N	Closed Status Spill (Misc. Spill Cause)
252	NATIONAL TESTING LABS	27-14 39TH AVENUE	310 feet to the SW	Hazardous Waste Generator/Transporter
253	NATIONAL TESTING LABS	39TH AVE	310 feet to the SW	Hazardous Waste Generator/Transporter
239	CALLIOPI LAMBADIS	27-08 39 AVE	345 feet to the SW	Petroleum Bulk Storage Site
254	ACCARDI ELECTRIC MOTOR COMPANY	25-10 38TH AVENUE	355 feet to the NW	Hazardous Waste Generator/Transporter
255	ORKIN PEST CONTROL CO INC	38-31 CRESCENT ST	358 feet to the WNW	Hazardous Waste Generator/Transporter
256	ORKIN	38-31 CRESENT STREET	358 feet to the WNW	Hazardous Waste Generator/Transporter
257	BELCO EQUIPMENT	38-01 29TH STREET	395 feet to the ESE	Hazardous Waste Generator/Transporter
240	QP II 38-05 CRESCENT STREET LLC	38-05 CRESCENT STREET	400 feet to the NW	Petroleum Bulk Storage Site
241	37-33 28TH ST REALTY CORP	37-33 28TH STREET	406 feet to the NE	Petroleum Bulk Storage Site
242	O K ELECTRIC CO	38-31 CRESCENT ST	407 feet to the WNW	Petroleum Bulk Storage Site
66	38-31 CRESCENT ST	38-31 CRESCENT ST	414 feet to the WNW	Closed Status Tank Test Failure

243	MELNICH REALTY CO.	29-05 39TH AVENUE	441 feet to the SE	Petroleum Bulk Storage Site
218		37-27 28TH ST	461 feet to the NE	Closed Status Spill (Misc. Spill Cause)
109	MANHOLE #17849	38TH AV & CRESENT ST	502 feet to the NNW	Closed Status Spill (Unk/Other Cause)
110	MANOHLE #17849	38TH AV & CRESCENT ST	502 feet to the NNW	Closed Status Spill (Unk/Other Cause)
258	CONSOLIDATED EDISON	38 AVE & CRESCENT MH17849	502 feet to the NNW	Hazardous Waste Generator/Transporter
259	S G DOR INDUSTRIES LTD	38-14 30TH ST	515 feet to the SE	Hazardous Waste Generator/Transporter
244	MC ACROPOLIS, LLC	24-16 38TH AVENUE	546 feet to the NW	Petroleum Bulk Storage Site
245	MILLENIUM AUTO CARE	29-15 38TH AVENUE	557 feet to the E	Petroleum Bulk Storage Site
246	37-27 CRESCENT ST	37-27 CRESCENT STREET	563 feet to the N	Petroleum Bulk Storage Site
247	ENGINE 261 / LADDER 116	37-20 29TH STREET	564 feet to the ENE	Petroleum Bulk Storage Site
248	EVANGEL CHURCH & SCHOOL	39-21 CRESCENT STREET	583 feet to the WSW	Petroleum Bulk Storage Site
260	KERNS MANUFACTURING CORPORATION	37-14 29TH STREET	585 feet to the NE	Hazardous Waste Generator/Transporter
249	ST PATRICKS	39-37 28 ST	588 feet to the SSW	Petroleum Bulk Storage Site
219	37-15 27TH STREET	37-15 27TH STREET	590 feet to the NNE	Closed Status Spill (Misc. Spill Cause)
250	37-15 27 STREET CORP.	37-15 27 STREET	592 feet to the NNE	Petroleum Bulk Storage Site
220	37-20 27TH ST	37-20 27TH ST	603 feet to the N	Closed Status Spill (Misc. Spill Cause)
111	EXPRESSWAY GARAGE	39-15 29TH STREET	605 feet to the S	Closed Status Spill (Unk/Other Cause)
264	KERNS MANUFACTURING CORP	3714 29TH ST	611 feet to the NE	Air Discharge Site
221	37-23 CRESCENT AVENUE	37-23 CRESCENT AVENUE	620 feet to the N	Closed Status Spill (Misc. Spill Cause)
261	REPUBLIC ELEVATOR CO INC	38-19 24TH ST	624 feet to the NW	Hazardous Waste Generator/Transporter
112	CONSTRUCTION SITE	39-35 27TH STREET	635 feet to the SW	Closed Status Spill (Unk/Other Cause)
251	P & A AUTO SERVICE, INC.	38-09 24TH STREET	636 feet to the NW	Petroleum Bulk Storage Site
262	TRI CITY WASTE OIL	38-31 30TH ST	648 feet to the SE	Hazardous Waste Generator/Transporter
263	ADVANCE ELECTRIC	38-01 24TH ST	649 feet to the NW	Hazardous Waste Generator/Transporter
67	CLOSED-LACKOF RECENT INFO	39038 29TH ST.	662 feet to the SSW	Closed Status Tank Test Failure
68	CHURCH	39-38 29TH STREET	662 feet to the SSW	Closed Status Tank Test Failure
69	CHURCH	39-38 29TH STREET	662 feet to the SSW	Closed Status Tank Test Failure
222	VAULT #795	38TH AV/24TH ST	746 feet to the NW	Closed Status Spill (Misc. Spill Cause)
113	MANHOLE 11715	37TH AV/46FT W OF 28TH ST	759 feet to the NE	Closed Status Spill (Unk/Other Cause)
70	SEE FACTOR INDUSTRY	37-11 30TH ST	867 feet to the E	Closed Status Tank Test Failure
114	DRUM RUN	24TH STREET BW 37TH AVE &	873 feet to the NNW	Closed Status Spill (Unk/Other Cause)
71	37-24 24TH ST/QUEENS	37-24 24TH STREET	949 feet to the NNW	Closed Status Tank Test Failure
1	JUNG SUN LAUNDRY PLUME	37-10 24TH STREET	1000 feet to the NNW	NYSDEC Inactive Haz Waste Disposal Site
115	OIL IN WELL	37-10 24TH STREET	1002 feet to the NNW	Closed Status Spill (Unk/Other Cause)
72	KAL REALTY	29-24 40TH AVE	1039 feet to the S	Closed Status Tank Test Failure
73	CLOSED-LACKOF RECENT INFO	29024 40TH AVENUE	1039 feet to the S	Closed Status Tank Test Failure
116	40-10 CRESCENT ST	40-10 CRESCENT ST	1056 feet to the WSW	Closed Status Spill (Unk/Other Cause)
52	EXXONMOBIL -NYCT	31-01 NORTHERN BLVD	1058 feet to the SSE	Closed Status Tank Failure
117	36-16 28TH STREET	36-16 28TH STREET	1114 feet to the NNE	Closed Status Spill (Unk/Other Cause)
14	QUEENSBRIDGE SUBSTATION PH #2	22-09 39TH AVE	1115 feet to the NW	Active Haz Spill (Unknown/Other Cause)
15	QUEENSBRIDGE SUBSTATION TR #2	22-09 39TH AVENUE	1115 feet to the NW	Active Haz Spill (Unknown/Other Cause)
16	QUEENSBRIDGE SUBSTATION TR #1	22-09 39TH AVENUE	1115 feet to the NW	Active Haz Spill (Unknown/Other Cause)
118	QUEENSBRIDGE SUBSTATION	23-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
119	MANHOLE #12775	22-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
120	QUEENSBRIDGE SUBSTATION	22-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
121		233 & 38 AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
122	MANHOLE # 12774	2209 39TH STREET	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
123	MANHOLE#12776	22-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
124	QUEENSBRIDGE SUBSTATION	22-09 39TH AVE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
125	QUEENSBRIDGE SUBST TR #7	22-09 39TH AVENUE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
126	QUEENSBRIDGE SUBSTATION TR #6	22-09 39TH AVENUE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
127	QUEENSBRIDGE SUBST TR #5	22-09 39TH AVENUE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)
128	QUEENSBRIDGE SUBSTATION TR #4	22-09 39TH AVENUE	1115 feet to the NW	Closed Status Spill (Unk/Other Cause)

223	QUEENS BRIDGE SUBSTATION	2209 39TH ST	1115 feet to the NW	Closed Status Spill (Misc. Spill Cause)
74	PS #112	25-05 37TH AVE	1119 feet to the NNE	Closed Status Tank Test Failure
75	PS #112	25-05 37TH AVE	1119 feet to the NNE	Closed Status Tank Test Failure
76	25-05 37TH AVE	25-05 37TH AVE	1119 feet to the NNE	Closed Status Tank Test Failure
129	MANHOLE #11841	38TH AV & 32ND ST	1119 feet to the ESE	Closed Status Spill (Unk/Other Cause)
130	MONARCH CONSTRUCTION	39-16 23RD ST	1153 feet to the WNW	Closed Status Spill (Unk/Other Cause)
53	COMMERCIAL BUILDING	40-23 24TH ST‘	1227 feet to the WSW	Closed Status Tank Failure
224	40-41 27TH ST	40-41 27TH ST	1257 feet to the SW	Closed Status Spill (Misc. Spill Cause)
131	HONEYWELL ST	NORTHERN BLVD & HONEYWELL	1260 feet to the SE	Closed Status Spill (Unk/Other Cause)
132	NORTHERN BLVD/39TH AV	NORTHERN BLVD/39TH AV	1260 feet to the SE	Closed Status Spill (Unk/Other Cause)
30	MAMM REALTY	25-17 41ST AVE	1263 feet to the SW	Active Haz Spill (Misc. Spill Cause)
133	EXCAVATION SITE	40-30 CRESCENT ST	1275 feet to the WSW	Closed Status Spill (Unk/Other Cause)
134	38-02 22ND STREET	38-02 22ND ST.	1311 feet to the NW	Closed Status Spill (Unk/Other Cause)
17	IN EXCAVATION	36-15 24TH ST	1316 feet to the N	Active Haz Spill (Unknown/Other Cause)
77	CLOSED-LACKOF RECENT INFO	37-14 33RD STREET	1316 feet to the E	Closed Status Tank Test Failure
135	MTA/LIRR	2985 NORTHERN BLVD	1316 feet to the S	Closed Status Spill (Unk/Other Cause)
225	APARTMENT HOUSE	36-08 29TH ST	1317 feet to the NE	Closed Status Spill (Misc. Spill Cause)
78	32-10 37TH AV	32-10 37TH AVE	1342 feet to the E	Closed Status Tank Test Failure
79	CLOSED-LACKOF RECENT INFO	40-40 CRESCENT ST	1355 feet to the WSW	Closed Status Tank Test Failure
54	SHURGARD‘S BIG YELLOW	32-04 NORTHERN BLVD	1373 feet to the SE	Closed Status Tank Failure
136	38-11 21TH ST.	38011 21TH ST.	1395 feet to the NW	Closed Status Spill (Unk/Other Cause)
55	39-15 21ST STREET	39-15 21ST STREET	1403 feet to the WNW	Closed Status Tank Failure
137	21-24 39TH AVE/QUEENS	21-24 39TH AVENUE	1403 feet to the WNW	Closed Status Spill (Unk/Other Cause)
80	APRT	2403 41ST AVE	1417 feet to the WSW	Closed Status Tank Test Failure
138	41ST & CRESCENT AVES	41ST ST / CRESENT AVE	1425 feet to the SW	Closed Status Spill (Unk/Other Cause)
81	MERIT OIL	38-01 21ST ST	1434 feet to the NW	Closed Status Tank Test Failure
139	HESS GAS STATION	38-01 21ST ST	1434 feet to the NW	Closed Status Spill (Unk/Other Cause)
82	LOVOUR HOME	2512 41ST AVE	1444 feet to the SW	Closed Status Tank Test Failure
56	32-15 37TH AVE	32-15 37TH AVE	1469 feet to the E	Closed Status Tank Failure
140		40-44 24TH STREET	1485 feet to the WSW	Closed Status Spill (Unk/Other Cause)
141		41-19 27TH ST	1497 feet to the SW	Closed Status Spill (Unk/Other Cause)
142	33-00 NORTHERN BLVD	33-00 NORTHERN BLVD	1502 feet to the SE	Closed Status Spill (Unk/Other Cause)
83	GULF STATION	23-01 41ST AVE	1540 feet to the WSW	Closed Status Tank Test Failure
84	GULF STATION	23-01 41ST AVE	1540 feet to the WSW	Closed Status Tank Test Failure
18	FEEDER # 31281	21ST ST/38TH & 39TH ST	1549 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
31	FEEDER	21ST ST BET 38TH & 39TH AVE	1549 feet to the WNW	Active Haz Spill (Misc. Spill Cause)
85	37-18 34TH STREET	37-18 34TH STREET	1560 feet to the ESE	Closed Status Tank Test Failure
32	FEEDER # 31281	21ST ST & 38TH AVE	1563 feet to the NW	Active Haz Spill (Misc. Spill Cause)
33	FEEDER 31281	21ST ST & 38TH AVE	1563 feet to the NW	Active Haz Spill (Misc. Spill Cause)
34	21ST ST & 38TH AVE	21ST ST & 38TH AVE	1563 feet to the NW	Active Haz Spill (Misc. Spill Cause)
143	38TH AVE & 21ST ST	MANHOLE #499- 38TH AVE	1563 feet to the NW	Closed Status Spill (Unk/Other Cause)
144	21ST STREET & 38TH STREET	IN MANHOLE	1563 feet to the NW	Closed Status Spill (Unk/Other Cause)
145	29-28 41ST AVE	29028 41ST AVENUE	1578 feet to the SSW	Closed Status Spill (Unk/Other Cause)
86	NYC TRANSIT AUTHORITY	29-50 NORTHERN BLVD	1621 feet to the S	Closed Status Tank Test Failure
146	NYC TRANSIT AUTHORITY	29-60 NORTHERN BLVD	1621 feet to the S	Closed Status Spill (Unk/Other Cause)
147	34TH ST & NORTHERN BLVD	34TH ST & NORTHERN BLVD	1627 feet to the SE	Closed Status Spill (Unk/Other Cause)
19	FEEDER	21ST ST BET 39TH & 40TH AVE	1632 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
57	OFFICE BUILDING	29-27 NORTHERN BLVD	1642 feet to the S	Closed Status Tank Failure
20	QAZI TOWING	41-01 23RD STREET	1661 feet to the WSW	Active Haz Spill (Unknown/Other Cause)
87	AMOCO SERVICE STATION	34-17 NORTHERN BLVD	1699 feet to the ESE	Closed Status Tank Test Failure
148	AMOCO SERVICE STATION	34-17 NORTHERN BLVD	1699 feet to the ESE	Closed Status Spill (Unk/Other Cause)
149	MANHOLE 2989	27-01 QUEENS BLVD	1702 feet to the SW	Closed Status Spill (Unk/Other Cause)
226	22-07 41ST AVE/QUEENS	22-07 41ST AVENUE	1703 feet to the WSW	Closed Status Spill (Misc. Spill Cause)

150	ETINIA TZILIANOS	41-26 CRESCENT ST	1728 feet to the SW	Closed Status Spill (Unk/Other Cause)
227	DRUM RUN	41-26 CRESANT ST	1728 feet to the SW	Closed Status Spill (Misc. Spill Cause)
88	107 WEST 38TH REALTY TTF	3328 NORTHERN BLVD	1746 feet to the SE	Closed Status Tank Test Failure
35	21ST & 40TH AVE	21ST ST & 40TH AVENUE	1752 feet to the W	Active Haz Spill (Misc. Spill Cause)
151	FEEDER 312820	VERNON TO QUEENSBRIDGE SS	1752 feet to the W	Closed Status Spill (Unk/Other Cause)
152	MANHOLE 4097	21 ST / 40 AVE	1752 feet to the W	Closed Status Spill (Unk/Other Cause)
153	MANHOLE #785	21ST ST & 40 AVE	1752 feet to the W	Closed Status Spill (Unk/Other Cause)
154	MANHOLE #10251	21ST ST & 40TH AVE	1752 feet to the W	Closed Status Spill (Unk/Other Cause)
12	BUSINESS	28-11 QUEENS PLAZA NORTH	1756 feet to the SSW	Active Tank Test Failure
155	VAULT 3202	28-19 BRIDGE PLAZA	1756 feet to the SSW	Closed Status Spill (Unk/Other Cause)
36	37TH AVE / 14TH ST.	37TH AVE / 14TH ST.	1818 feet to the NNW	Active Haz Spill (Misc. Spill Cause)
156	MANHOLE 5499	37TH AVE/14TH ST	1818 feet to the NNW	Closed Status Spill (Unk/Other Cause)
157	MANHOLE 5499	37TH AVE/14TH ST	1818 feet to the NNW	Closed Status Spill (Unk/Other Cause)
58	FALIDAS ASSOCIATES	25-15 QUEENS PLAZA NORTH	1834 feet to the SW	Closed Status Tank Failure
89	FALIDAS ASSOCIATES	25-15 QUEENS PLAZA	1834 feet to the SW	Closed Status Tank Test Failure
158	FRONT OF 30-10 41ST AVE	VAULT 678	1840 feet to the S	Closed Status Spill (Unk/Other Cause)
159	BUSINESS	41-38 CRESCENT STREET	1865 feet to the SW	Closed Status Spill (Unk/Other Cause)
160	MH557	29TH ST AND QUEENS BLVD	1873 feet to the SSW	Closed Status Spill (Unk/Other Cause)
161	SIDEWALK	13-01 40TH AVE	1911 feet to the WNW	Closed Status Spill (Unk/Other Cause)
90	CLOSED-LACKOF RECENT INFO	16-06 37TH AVENUE	1912 feet to the NW	Closed Status Tank Test Failure
11	EVANS CONTAINER T.S. #3	24-15 QUEENS PLAZA N	1934 feet to the SW	Solid Waste Facility
162		QUEENS PLZ/28TH ST	1943 feet to the SSW	Closed Status Spill (Unk/Other Cause)
163	MANHOLE # 8640	28TH ST/QUEENS PLZ	1943 feet to the SSW	Closed Status Spill (Unk/Other Cause)
164	MANHOLE #10639	BRIDGE PLZ/28TH ST	1943 feet to the SSW	Closed Status Spill (Unk/Other Cause)
91	38-21 12TH ST/QUEENS/ CHE	38-21 12TH ST.	1954 feet to the WNW	Closed Status Tank Test Failure
165	382112TH STREET	3821 12TH STREET	1954 feet to the WNW	Closed Status Spill (Unk/Other Cause)
166	COMMERCIAL BUSINESS	38-21 12TH STREET	1954 feet to the WNW	Closed Status Spill (Unk/Other Cause)
167	14TH STREET BETWEEN	36TH + 37TH	1964 feet to the NNW	Closed Status Spill (Unk/Other Cause)
168	MANHOLE 14413	QUEENS PLAZA NORTH	1966 feet to the SW	Closed Status Spill (Unk/Other Cause)
169	BEST-DDK CLEANERS	38-68 13TH STREET	1972 feet to the WNW	Closed Status Spill (Unk/Other Cause)
170	SONIC PROPERTIES	36-28 14TH STREET	1998 feet to the NNW	Closed Status Spill (Unk/Other Cause)
37	VERNON TO QUEENSBRIDGE	40TH AVE & 13TH ST	1999 feet to the W	Active Haz Spill (Misc. Spill Cause)
171	IN THE SEWERS AT	40TH AV & 13TH ST	1999 feet to the W	Closed Status Spill (Unk/Other Cause)
172	VAULT #9358	36TH AVE/ 21ST STREET	2001 feet to the NNW	Closed Status Spill (Unk/Other Cause)
173	3602 21ST STREET	3602 21ST STREET	2017 feet to the NNW	Closed Status Spill (Unk/Other Cause)
174	GETTY #568	36-02 21 STREET	2017 feet to the NNW	Closed Status Spill (Unk/Other Cause)
92	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2020 feet to the N	Closed Status Tank Test Failure
175	FOUR SONS REALTY	22-09 QUEENS PLAZA NORTH	2064 feet to the WSW	Closed Status Spill (Unk/Other Cause)
176	PETROCELLI ELECTRIC	22-09 QUEENS PLAZA NORTH	2064 feet to the WSW	Closed Status Spill (Unk/Other Cause)
93	CLOSED-LACKOF RECENT INFO	35-02 NORTHERN BLVD	2069 feet to the ESE	Closed Status Tank Test Failure
177	MANHOLE # 12778	41-05 21 STREET	2070 feet to the W	Closed Status Spill (Unk/Other Cause)
21	21ST ST & 41ST AVE	21ST ST & 41ST AVE	2075 feet to the W	Active Haz Spill (Unknown/Other Cause)
38	NO. 7 PIPELINE	21ST STREET & 41ST AVE	2075 feet to the W	Active Haz Spill (Misc. Spill Cause)
39	MH # 12778	21 STREET & 41 AVENUE	2075 feet to the W	Active Haz Spill (Misc. Spill Cause)
178	41 AVE & 21 STREET	41 AVE & 21ST STREET	2075 feet to the W	Closed Status Spill (Unk/Other Cause)
179	MANHOLE # 12778	21ST STREET AND 41 AVE	2075 feet to the W	Closed Status Spill (Unk/Other Cause)
180	MANHOLE 12778	21ST ST/ 41ST AVE	2075 feet to the W	Closed Status Spill (Unk/Other Cause)
181	SILVER STAR MOTORS	37-14 36TH STREET	2087 feet to the ESE	Closed Status Spill (Unk/Other Cause)
94	VACANT BUILDING	12-12 37TH AVE	2092 feet to the NW	Closed Status Tank Test Failure
22	BETWEEN 35TH & 36TH ST	35-09 31ST ST	2125 feet to the ENE	Active Haz Spill (Unknown/Other Cause)
182	MANHOLE #7621	QUEENS PLAZA & 24TH ST	2130 feet to the SW	Closed Status Spill (Unk/Other Cause)
183	34TH ST AND	34TH ST & 36TH AV	2136 feet to the E	Closed Status Spill (Unk/Other Cause)
95	QUEENSBRIDGE PLANT B	40001 12TH ST	2137 feet to the W	Closed Status Tank Test Failure

96	QUEENSBRIDGE PLANT A	40013 12TH ST	2137 feet to the W	Closed Status Tank Test Failure
97	QUEENSBRIDGE PLANT A	40013 12TH STREET	2137 feet to the W	Closed Status Tank Test Failure
184		40-14 21ST ST	2137 feet to the W	Closed Status Spill (Unk/Other Cause)
185	MANHOLE 4042	CRESCENT ST/QUEENS PLAZA SOUTH	2144 feet to the SW	Closed Status Spill (Unk/Other Cause)
98	COMMERCIAL BUILDING	1204 37TH AVE	2155 feet to the NW	Closed Status Tank Test Failure
23	GASETERIA	30-05/30-25 QUEENS BLVD	2160 feet to the SSW	Active Haz Spill (Unknown/Other Cause)
24	GAS STATION	30-05 QUEENS BLVD	2160 feet to the SSW	Active Haz Spill (Unknown/Other Cause)
186	GASETERIA	29-00 NORTHERN BLVD	2160 feet to the SSW	Closed Status Spill (Unk/Other Cause)
187	30-05 QUEENS BLVD.	30-05 QUEENS BLVD	2160 feet to the SSW	Closed Status Spill (Unk/Other Cause)
25	SUBWAY STATION S/B PLATFORM	36TH ST & NORTHERN BLVD	2161 feet to the ESE	Active Haz Spill (Unknown/Other Cause)
188	36TH ST&NORTHERN BLV/QUNS	36TH ST STA &NORTHERN BLV	2161 feet to the ESE	Closed Status Spill (Unk/Other Cause)
189	36 ST STATION,QUEENS	@36TH ST.STA(G LINE)	2161 feet to the ESE	Closed Status Spill (Unk/Other Cause)
190	COMMERCIAL AREA	3536 NORTHERN BLVD. ACCRO	2162 feet to the ESE	Closed Status Spill (Unk/Other Cause)
191	VACANT LOT	42-01 28TH ST	2222 feet to the SSW	Closed Status Spill (Unk/Other Cause)
192	ON THE STREET	28-21 JACKSON AVE	2222 feet to the SSW	Closed Status Spill (Unk/Other Cause)
193	311 CENTER	28-21 JACKSON AVENUE	2222 feet to the SSW	Closed Status Spill (Unk/Other Cause)
99	COMMERCIAL BUILDING TTF	36-52 36TH ST	2226 feet to the E	Closed Status Tank Test Failure
194	MANHOLE #4414	QUEENS PLAZA & 23RD ST	2235 feet to the WSW	Closed Status Spill (Unk/Other Cause)
40	12TH ST & 40TH AVE	12TH ST & 40TH AVE	2240 feet to the WNW	Active Haz Spill (Misc. Spill Cause)
41	12TH ST & 40TH AVE	12TH ST & 40TH AVE	2240 feet to the WNW	Active Haz Spill (Misc. Spill Cause)
195	ASPHALT	1102 38TH AVE	2261 feet to the NW	Closed Status Spill (Unk/Other Cause)
42	FEEDER 61	11TH ST/38TH AVE	2319 feet to the NW	Active Haz Spill (Misc. Spill Cause)
43	FEEDER #61	11TH ST & 38TH AVE	2319 feet to the NW	Active Haz Spill (Misc. Spill Cause)
44	11TH ST & 38TH AVE	11TH ST & 38TH AVE	2319 feet to the NW	Active Haz Spill (Misc. Spill Cause)
196	38TH AVE & 11TH ST	38TH AVE & 11TH ST	2319 feet to the NW	Closed Status Spill (Unk/Other Cause)
197	MANHOLE 3253	36TH AV/35TH ST	2340 feet to the E	Closed Status Spill (Unk/Other Cause)
198	MANHOLE 3253	36TH AVE/35TH ST	2340 feet to the E	Closed Status Spill (Unk/Other Cause)
199	42-21 CRESENT ST/QUEENS	42-21 CRESENT STREET	2349 feet to the SW	Closed Status Spill (Unk/Other Cause)
26	TRANSMISSION FEEDER 61	11TH ST, BET 38TH & 40TH AVE	2352 feet to the WNW	Active Haz Spill (Unknown/Other Cause)
45	36TH AVE & 13TH STREET	36TH AVE & 13TH STREET	2359 feet to the NNW	Active Haz Spill (Misc. Spill Cause)
200	36-01 37TH AVE	36-01 37TH AVE	2375 feet to the ESE	Closed Status Spill (Unk/Other Cause)
46	BET. FARRAGUT & RAINEY	11TH ST/37TH/38TH AVE	2394 feet to the NW	Active Haz Spill (Misc. Spill Cause)
47	FEEDER 63	11TH AVE/37TH ST/38TH ST	2394 feet to the NW	Active Haz Spill (Misc. Spill Cause)
201	SEWER	11TH ST BET 37TH * 38TH A	2394 feet to the NW	Closed Status Spill (Unk/Other Cause)
48	NATIONAL R.R PASSENGER	SUNNYSIDE ON 10 TRACK	2402 feet to the SSE	Active Haz Spill (Misc. Spill Cause)
59	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2402 feet to the SSE	Closed Status Tank Failure
100	CLOSED-LACKOF RECENT INFO	39-29 HONEYWELL STREET	2402 feet to the SSE	Closed Status Tank Test Failure
202	3929 HONEYWELL AVE	3929 HONEYWELL AVE	2402 feet to the SSE	Closed Status Spill (Unk/Other Cause)
228	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2402 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
229	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2402 feet to the SSE	Closed Status Spill (Misc. Spill Cause)
27	HOUR CHILDREN	36-11 12TH ST	2405 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
2	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	2434 feet to the SSE	NYSDEC Inactive Haz Waste Disposal Site
203	33-04 35TH AVE	33-04 35TH AVE	2455 feet to the ENE	Closed Status Spill (Unk/Other Cause)
28	BCT REALTY, INC/WELL DUN CLEANERS	12-02 THRU 12-14 36TH AVENUE	2462 feet to the NNW	Active Haz Spill (Unknown/Other Cause)
230	CORNER OF	21ST ST & 35TH AVE	2475 feet to the N	Closed Status Spill (Misc. Spill Cause)
204	MANHOLE#16164	37TH AVE/11TH ST	2489 feet to the NW	Closed Status Spill (Unk/Other Cause)
231	FEEDER 61	11TH ST & 37TH AVE	2489 feet to the NW	Closed Status Spill (Misc. Spill Cause)
9	OUTLET CITY, QUEENS BLVD. & JACKSON AVE.	QUEENS BLVD. & JACKSON AVE., L.I.C.	2491 feet to the SSW	Brownfields Site
49	CON ED FDR - QUEENSBRIDGE HSES	12TH ST / 41ST AVE	2506 feet to the W	Active Haz Spill (Misc. Spill Cause)
60	41ST AVENUE & 12ST STREET	41ST AVE/12TH STREET	2506 feet to the W	Closed Status Tank Failure
205	NYC HOUSING AUTHORITY-APARTMENT BUILDING	41ST AVE 12TH ST	2506 feet to the W	Closed Status Spill (Unk/Other Cause)
206	ON THE ROADWAY	41ST AVE/ 12TH ST	2506 feet to the W	Closed Status Spill (Unk/Other Cause)
207	TM 6360	ORCHARD ST/JACKSON AV	2507 feet to the SSW	Closed Status Spill (Unk/Other Cause)

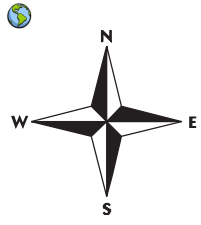
61	OUTLET CITY	42-16 WEST STREET	2508 feet to the SSW	Closed Status Tank Failure
101	ALGUS REALTY	34-56 33RD ST	2512 feet to the ENE	Closed Status Tank Test Failure
208		3433 31ST ST	2521 feet to the NE	Closed Status Spill (Unk/Other Cause)
102	TELEBAM PLAZA	36-40 37TH ST	2538 feet to the E	Closed Status Tank Test Failure
3	OUTLET CITY	42-16 WEST STREET	2548 feet to the SSW	NYSDEC Inactive Haz Waste Registry Qual.
209	36TH AVENUE AT 12TH STREE	36TH AVENUE AT 12TH STREE	2548 feet to the NNW	Closed Status Spill (Unk/Other Cause)
210	36-11 36TH STREET	36-11 36TH STREET	2551 feet to the E	Closed Status Spill (Unk/Other Cause)
211	MANHOLE 3254	36TH AV / 36TH ST	2555 feet to the E	Closed Status Spill (Unk/Other Cause)
50	38TH AVE & 10TH ST	38TH AVE & 10TH ST	2561 feet to the NW	Active Haz Spill (Misc. Spill Cause)
212	38TH AVE	38TH AVE & 10TH ST	2561 feet to the NW	Closed Status Spill (Unk/Other Cause)
10	QUEENS PLAZA RESIDENTIAL DEVELOPMENT	28-10 JACKSON AVENUE	2562 feet to the SSW	Brownfields Site
62		QUEENS PLAZA N/21ST ST	2563 feet to the WSW	Closed Status Tank Failure
213	SEWER	21ST ST/QUEENS PLAZA NORT	2563 feet to the WSW	Closed Status Spill (Unk/Other Cause)
232	UNDER QUEENSBORUGH BRIDGE	21ST ST/ QUEENS PLAZA NOR	2563 feet to the WSW	Closed Status Spill (Misc. Spill Cause)
63	42-64 HUNTER STREET	42-64 HUNTER STREET	2568 feet to the SW	Closed Status Tank Failure
64	10-12 37TH AVE	10-12 37TH AVE	2580 feet to the NW	Closed Status Tank Failure
214	BTWN 9TH & 10TH ST	9-20 38TH AVE	2587 feet to the WNW	Closed Status Spill (Unk/Other Cause)
29	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Active Haz Spill (Unknown/Other Cause)
103	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
104	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
105	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
106	RAVENSWOOD HOUSES -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
107	RAVENSWOOD -NYCHA	34-21 21ST ST	2589 feet to the N	Closed Status Tank Test Failure
215	RAVENSWOOD HOUSES	34-21 21ST STREET	2589 feet to the N	Closed Status Spill (Unk/Other Cause)
13	QUEENSBRIDGE PLANT C -NYCHA	40-09 10TH STREET	2596 feet to the W	Active Tank Test Failure
108	QUEENSBRIDGE PLANT C	40009 10TH STREET	2596 feet to the W	Closed Status Tank Test Failure
216	QUEENS PLATING COMPANY	36-12 37TH ST	2632 feet to the E	Closed Status Spill (Unk/Other Cause)
51	FEEDER 62	10TH ST/37TH/38TH AVE	2633 feet to the NW	Active Haz Spill (Misc. Spill Cause)
4	STANDARD MOTOR PRODUCTS, INC.	37-18 NORTHERN BOULEVARD	2783 feet to the ESE	NYSDEC Inactive Haz Waste Disposal Site
5	NATIONAL RUBBER ADHESIVES, INC.	38-31 9TH STREET	2790 feet to the WNW	NYSDEC Inactive Haz Waste Disposal Site
6	LEVCO METALS PROPERTY	34-11 36TH STREET	3346 feet to the ENE	NYSDEC Inactive Haz Waste Disposal Site
7	21-03 44TH AVENUE	21-03 44TH AVENUE	3533 feet to the WSW	NYSDEC Inactive Haz Waste Disposal Site
8	CONSOLIDATED EDISON	3854 VERNON BLVD RAVENWOOD STA	3639 feet to the WNW	RCRA Corrective Action Site

Toxics Targeting
1 Mile Radius Map

38-20 28th St

Long Island City, NY 11101

Elevation above Sea Level: 46 feet



Queens County

National Priority List (NPL)

Inactive Hazardous Waste Disposal Registry Site

Inact. Haz Waste Disp. Registry Qualifying

RCRA Corrective Action Facility

Site Location

Waterbody

County Border

Railroad Tracks

1 Mile Radius

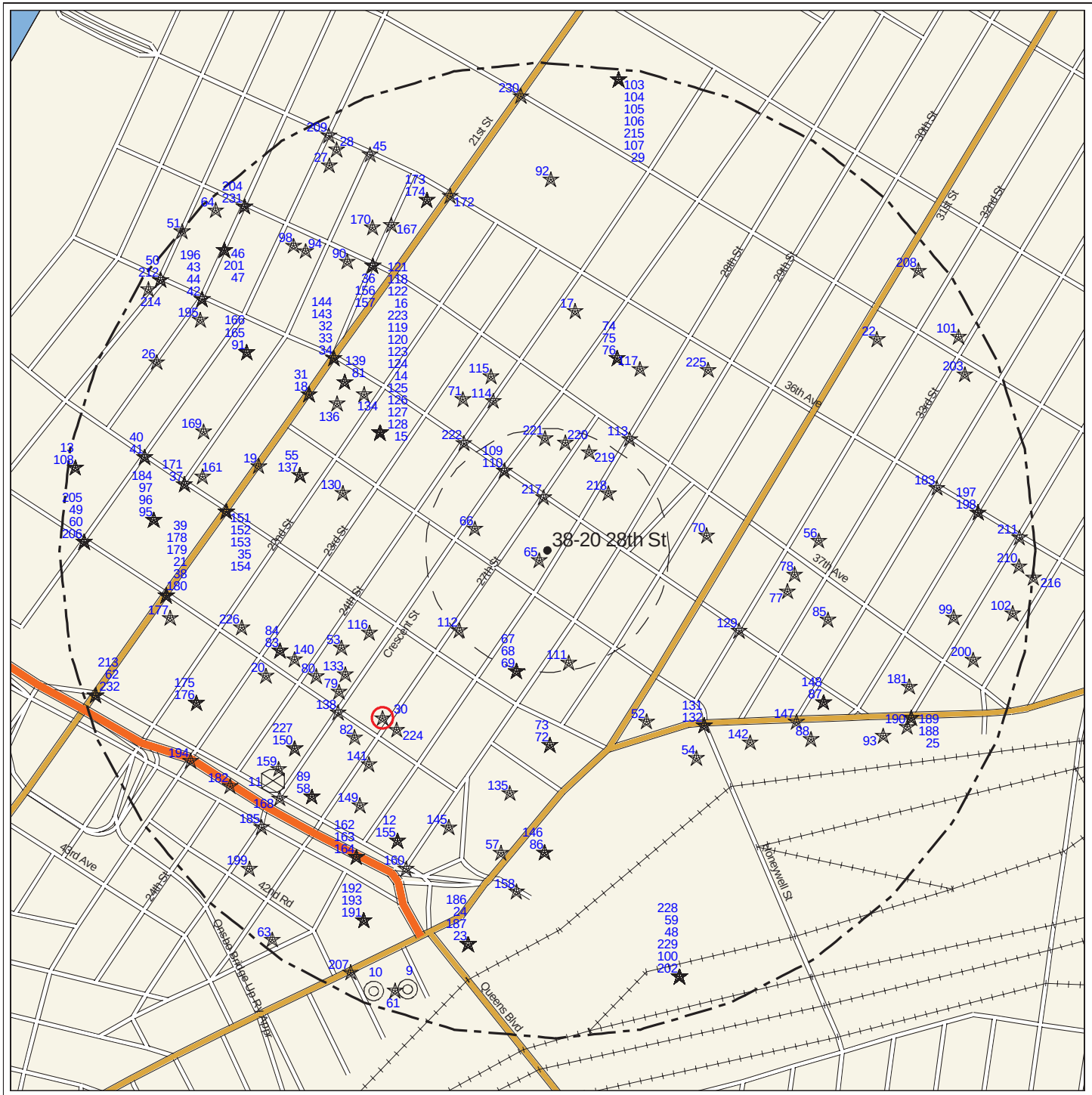
1/2 Mile Radius

1/4 Mile Radius

1/8 Mile Radius

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

Distance in Miles



Toxics Targeting
1/2 Mile Radius Map

38-20 28th St

Long Island City, NY 11101

Elevation above Sea Level: 46 feet

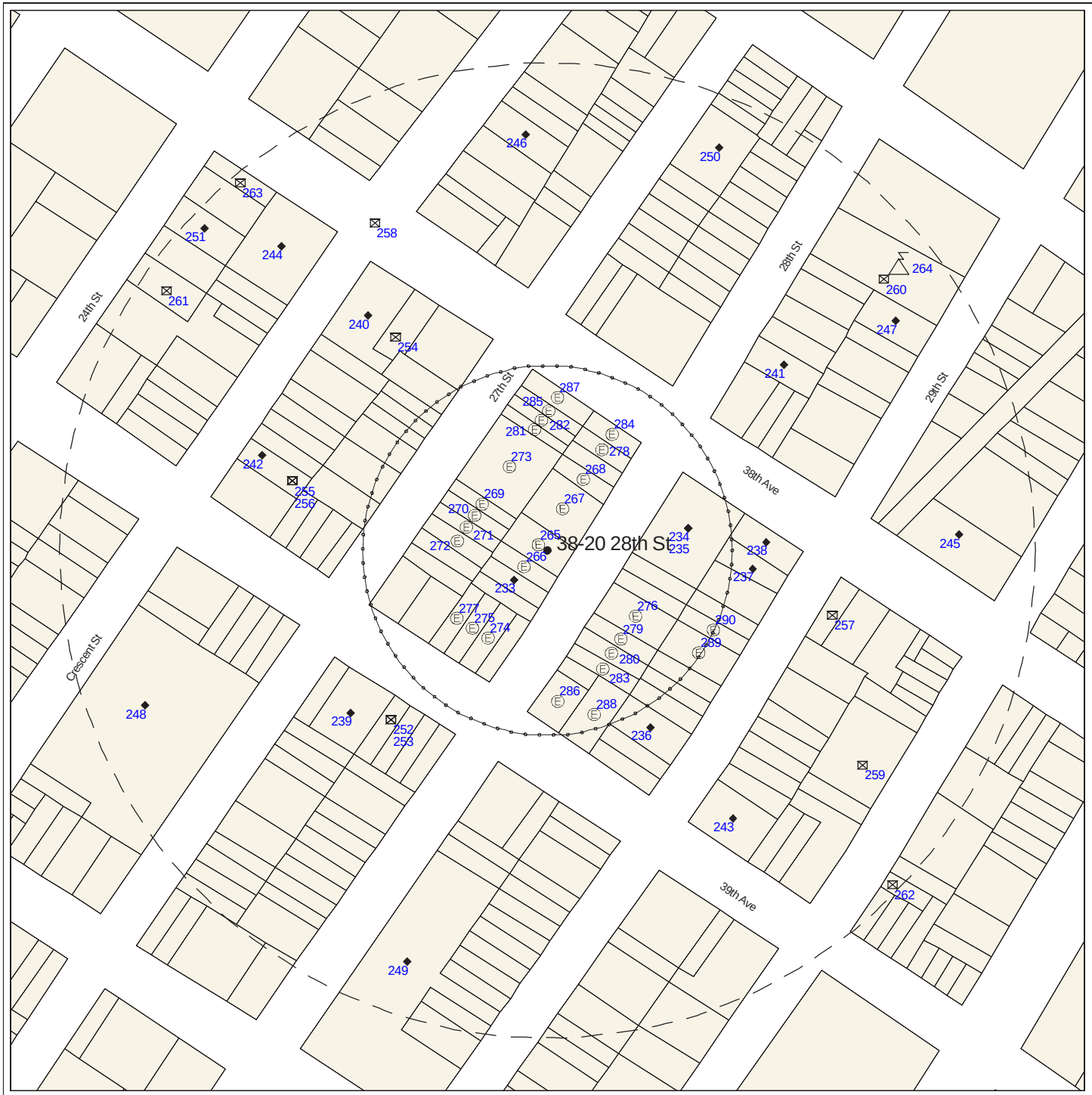
Queens County

- Delisted NPL Site
- CERCLIS Superfund Non-NFRAP Site
- CERCLIS Superfund NFRAP Site
- Hazardous Waste Treater, Storer, Disposer
- Hazardous Substance Waste Disposal Site
- Solid Waste Facility
- Brownfields Site
- Hazardous Material Spill
- MTBE Gasoline Additive Spill

- Site Location
- Waterbody
- County Border
- Railroad Tracks
- 1 Mile Radius
- 1/2 Mile Radius
- 1/4 Mile Radius
- 1/8 Mile Radius

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

Distance in Miles



Toxics Targeting
1/8 Mile Radius Map

38-20 28th St

Long Island City, NY 11101

Elevation above Sea Level: 46 feet

Queens County

- Major Oil Storage Facility
- Chemical Storage Facility
- Toxic Release
- Wastewater Discharge
- Hazardous Waste Generator, Transp.
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Petroleum Bulk Storage Facility
- Historic Utility Site

- Site Location
- County Border
- 1/8 Mile Radius
- Waterbody
- Railroad Tracks
- 250 Foot Radius

1/8 0 1/16 1/8

Distance in Miles

1/8 0 1/16 1/8

Distance in Miles

Toxics Targeting
1/8 Mile Closeup Map

38-20 28th St

Long Island City, NY 11101

Elevation above Sea Level: 46 feet

Queens County

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

- Site Location
- Waterbody
- County Border
- Railroad Tracks
- 1/8 Mile Radius
- 250 Foot Radius

* 1 Mile Search Radius

** 1/2 Mile Search Radius

**** 1/8 Mile Search Radius

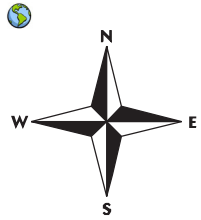
***** Onsite Search (250 Ft)

Toxics Targeting Tax Parcel Map

38-20 28th St

Long Island City, NY 11101

Elevation above Sea Level: 46 feet



Queens County

- National Priority List (NPL)
- Delisted NPL Site
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- CERCLIS Superfund NFRAP Site
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- Hazardous Material Spill
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- Hazardous Waste Generator, Transp.
- Historic Utility Site
- Enforcement Docket Facility
- Air Release
- Env Qual Review E Designation
- Remediation Site Borders
- Site Location
- Waterbody
- County Border
- Railroad Tracks

Tax Parcel Information Table

38-20 28th St
Long Island City, NY 11101

Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
4-00386-0023	38-20 28 STREET	EILEEN J WELCH	M1-3D	B9	1	1915	27168	4563

Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
4-00369-0027	27-17 38 AVENUE	CHRIST KALAITZIDIS	M1-3D	S9	2	1931	99135	12374
4-00370-0001	37-33 28 STREET	37-33 28TH REALTY COR	M1-3D	C1	1	1930	327150	4050
4-00370-0035	28-07 38 AVENUE	JAMES P. ALGER	M1-3D	S1	1	1910	19905	2317
4-00370-0036	28-05 38 AVENUE	A DIGIORGIO	M1-3D	B2	1	1910	19720	4730
4-00384-0005	38-29 29 STREET	'D''AGUANNO ROCCO'	M1-3D	S2	1	1901	21988	2622
4-00384-0006	38-27 29 STREET	MUNOZ NICOLAS	M1-3D	B3	1	1901	14515	2500
4-00384-0007	38-25 29 STREET	CRAINICIUC GHEORGHE	M1-3D	G0	1	1901	3357	2500
4-00385-0001	28-01 39 AVENUE	CATSIMALIS, GLORIA	M1-3D	S3	1	1901	35857	3550
4-00385-0002	38-31 28 STREET	I LOVE ANIMALS INC	M1-3D	A9	1	1901	13824	2310
4-00385-0003	38-29 28 STREET	HARMONY WHOLESALE INC	M1-3D	B3	1	1901	16597	2510
4-00385-0004	38-27 28 STREET	JB 28 STREET REALTY C	M1-3D	F9	1	1930	43515	2505
4-00385-0005	38-23 28 STREET	KUMAR, ANJU	M1-3D	B9	1	1901	20157	5021
4-00385-0007	38-17 28 STREET	FRANK RAMLALL	M1-3D	B9	1	1901	18662	2510
4-00385-0008	38-15 28 STREET	CUBAS-CHINGAY, ROGER	M1-3D	B9	1	1901	17634	2510
4-00385-0009	38-09 28 STREET	F MUNDER	M1-3D	F9	1	1955	225450	13250
4-00385-0015	38-02 29 STREET	TIERNO DOMINICK	M1-3D	C7	1	1931	234900	4000
4-00385-0017	38-06 29 STREET	DIMOS PANAGOULIAS	M1-3D	C7	1	1930	140400	3430
4-00385-0018	38-10 29 STREET	MORADPOUR, ANNE	M1-3D	E1	1	1931	248850	5000
4-00385-0020	38-14 29 STREET	KRITON MANAGEMENT LLC	M1-3D	C4	1	1930	51409	2502
4-00385-0021	38-16 29 STREET	WOLF, KARL J	M1-3D	B9	1	1901	14400	2340
4-00385-0022	382O 29 STREET	ROGER LAGHEZZA	M1-3D	A9	1	1920	18316	5000
4-00385-0024	38-26 29 STREET	ISRAEL COHEN FAMILY L	M1-3D	F4	1	1930	50850	2502
4-00385-0025	38-28 29 STREET	GEORGE MONTERO	M1-3D	B9	1	1901	17002	2208
4-00385-0026	38-30 29 STREET	JOSE VELASCO	M1-3D	S2	1	1922	27840	3200
4-00385-0028	38-32 29 STREET	KATHERINE SUPON	M1-3D	C1	1	1931	268200	5000
4-00385-0030	38-38 29 STREET	KERRY, SEGUN	M1-3D	S4	1	1931	71402	2502
4-00385-0031	38-40 29 STREET	CHEN, JENNY L.	M1-3D	S2	2	1901	25632	2521
4-00385-0032	28-09 39 AVENUE	KEHOE,JOAN	M1-3D	B9	1	1901	23328	4983
4-00385-0101	38-33 28 STREET	ELMER KIPP	M1-3D	B3	1	1901	13694	1100
4-00386-0001	38-31 27 STREET	FRANCO BUSILLO	M1-3D	B9	1	1915	15344	2523
4-00386-0002	38-29 27 STREET	THEMINH DIEP	M1-3D	C0	1	1915	16804	2523
4-00386-0003	38-25 27 STREET	WONG CHOW W	M1-3D	A1	1	1915	14731	2523
4-00386-0004	38-23 27 STREET	HUYNH, ANNE	M1-3D	A9	1	1915	12441	2060
4-00386-0005	38-21 27 STREET	ALFREDO VILLETA	M1-3D	B3	1	1915	13063	2018
4-00386-0006	38-19 27 STREET	ALFREDO VILETTA	M1-3D	B3	1	1915	12441	1800
4-00386-0007	38-11 27 STREET	JABB & CO	M1-3D	P5	1	1972	508500	11000
4-00386-0012	38-07 27 STREET	GETTING LOUISE	M1-3D	B9	1	1915	13900	1665
4-00386-0013	38-05 27 STREET	COSTELLO, LOUIS	M1-3D	B9	1	1915	16915	1665

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
4-00386-0014	38-03 27 STREET	FASANO, RICHARD	M1-3D	B9	1	1915	13279	1665
4-00386-0015	38-01 27 STREET	MARSHALL WALTER	M1-3D	B9	1	1915	20112	2500
4-00386-0016	38-02 28 STREET	A & F PARISELLI	M1-3D	B2	1	1915	20544	2019
4-00386-0017	38-04 28 STREET	DONATA CICCARELLI	M1-3D	B9	1	1915	16381	2094
4-00386-0018	38-06 28 STREET	MEGAN DEES SERMONETA	M1-3D	A9	1	1890	16992	2115
4-00386-0019	38-10 28 STREET	LOUIS COSTELLO	M1-3D	B9	1	1915	14307	2133
4-00386-0020	38-12 28 STREET	WEI JIAN LEI	M1-3D	C2	4	1930	67623	6685
4-00386-0025	38-26 28 STREET	JOSEPH FLORIO	M1-3D	B3	1	1915	18454	2356
4-00386-0027	38-30 28 STREET	38-30 28TH STREET LLC	M1-3D	F9	1	1957	45117	2451
4-00386-0029	27-19 39 AVENUE	SOTGER RLTY INC.	M1-3D	S4	1	1930	112823	2590
4-00386-0030	28-17 39 AVENUE	MARY CAVALLO	M1-3D	B9	1	1915	19699	2500
4-00386-0031	27-15 39 AVENUE	SEKA TAHIROVIC	M1-3D	B9	1	1915	16597	2500
4-00386-0032	27-11 39 AVENUE	HEATHER ONDERSMA	M1-3D	B9	1	1915	18662	2500
4-00386-0033	27-07 39 AVENUE	UTOG 2 WAY RADIO ASSN	M1-3D	G9	2	1910	49536	4040
4-00386-0035	27-01 39 AVENUE	OETAM REALTY CORP	M1-3D	S3	3	1922	34297	4000
4-00386-0127	38-28 28 STREET		M1-3D	F9	1	1957	44433	2414
4-00387-0007	38-23 CRESCENT STREET	LORENZO CARONE	M1-3D	B9	1	1920	15352	2675
4-00387-0008	38-21 CRESCENT STREET	CHAN TING SUI	M1-3D	B2	1	1910	15560	2700
4-00387-0009	38-17 CRESCENT STREET	PETTINELLI JOHN	M1-3D	G9	1	1987	194850	5009
4-00387-0011	38-15 CRESCENT STREET	JOSEPH CHIARAPPA	M1-3D	C0	1	1920	24625	2800
4-00387-0012	38-05 CRESCENT STREET	BERWYCK RLTY CP	M1-3D	C1	1	1931	431550	9500
4-00387-0017	25-10 38 AVENUE	38TH AVENUE CORP C/O	M1-3D	F4	1	1954	65700	3940
4-00387-0019	25-16 38 AVENUE	RICHARD WENTWORTH	M1-3D	E9	1	1966	217800	7570
4-00387-0024	38-12 27 STREET	JEAN VOYTAS	M1-3D	C0	1	1901	21600	4033
4-00387-0025	38-14 27 STREET	L TEJADA	M1-3D	C0	1	1901	13071	1770
4-00387-0026	38-16 27 STREET	VONTAS, JEAN	M1-3D	C0	1	1901	14721	1770
4-00387-0027	38-18 27 STREET	LEW, JUDY	M1-3D	C0	1	1901	17634	1790
4-00387-0028	38-20 27 STREET	JOSE B ZARATE	M1-3D	C0	3	1925	22944	3597
4-00387-0031	38-26 27 STREET	BATALIAS, MICHAEL	M1-3D	S1	1	1901	21792	4750
4-00387-0032	38-30 27 STREET	IONIA REALTY, LLC	M1-3D	A9	1	1901	16416	4291
4-00387-0034	38-34 27 STREET	CERASUOLO, MARIO	M1-3D	B2	2	1901	20352	1760
4-00387-0035	25-17 39 AVENUE	PARRA, SVONIMIR A	M1-3D	B2	1	1901	20320	2240
4-00397-0012	39-11 27 STREET	JOSE M DUTAN	M1-3D	B9	1	1910	17841	2523
4-00397-0013	39-05 27 STREET	GEROS TOU MOREA, INC	M1-3D	S9	1	1931	85586	2505
4-00397-0014	27-08 39 AVENUE	GEORGE LAMBADIS	M1-3D	C1	1	1929	338850	7500
4-00397-0017	27-14 39 AVENUE	BLUE FALCON REALTY	M1-3D	F4	1	1931	58500	2521
4-00397-0018	27-16 39 AVENUE	PRASINOS, GEORGE	M1-3D	C0	1	1915	18177	2521
4-00397-0019	27-18 39 AVENUE	MUSTAKEEN KHAN	M1-3D	C0	1	1910	21504	2500
4-00397-0020	27-20 39 AVENUE	DORION, PHYLLIS MARIE	M1-3D	B9	2	1901	23404	2521

Section Two: Toxic Site Profiles

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

- The facility name, address, city, state, and zip code.
- Any changes that were made to a site's address in order to map its location.
- The site mapping method that was used (see ***How Sites are Located***, at the end of this section for more information).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Inactive Hazardous Waste Disposal Site Classifications:

1 -- Causing or presenting an imminent danger of causing irreversible or irreparable damage to the public health or the environment -- immediate action required;
2 -- Significant threat to the public health or environment -- action required;
3 -- Does not Present a significant threat to the environment or public health -- action may be deferred;
4 -- Site properly closed --requires continued management;
5 -- Site properly closed, no evidence of present or potential adverse impact -- no further action required;
2a -- This temporary classification has been assigned to sites where there is inadequate data to assign them to the five classifications specified by law;
A -- Work underway and not yet complete;
P -- Potential Site;
$D_{1, 2, 3}$ -- Delisted Site (1: hazardous waste not found; 2: remediated; 3: consolidated site or site incorrectly listed);
C -- Remediation Complete (formerly D2).

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

INACTIVE HAZ WASTE DISPOSAL REGISTRY OR REGISTRY-QUALIFYING SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

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

Map Identification Number 1 **JUNG SUN LAUNDRY PLUME** **Facility Id: 241102**
37-10 24TH STREET LONG ISLAND CITY, NY 11101-3520 TT-Id: 120A-0006-240

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1000 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 3710 24TH STREET
Revised zip code: NO CHANGE

****

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

SITE CODE: 241102
CLASSIFICATION CODE: 02 REGION: 2 DEC ID: 374812
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

NAME OF SITE: Jung Sun Laundry Plume
STREET ADDRESS: 37-10 24th Street TOWN: New York City
CITY: Long Island City ZIP: 11101-3520 COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 0.48 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
0711317	Spill No.

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: Feiyang Group, LLC Owner Type: Innocent Owner -Class 2a/2/3/4/5 HS
c/o Tony X.F. Yang
ADDRESS: 37-08 24th Street

Long Island City, NY 11101

SITE DESCRIPTION:

Location: The site is located in a mixed residential/commercial/light industrial area of Long Island City (Borough of Queens, New York City). The location of the site is west corner of the intersection of 24th Street and 37th Avenue.

Site Features: The main site features includes single story buildings and an open area. There are three inter connected single story buildings, which occupies three adjacent lots. Approximately one third of the site is open area and occupies another lot. The open area is extended to the west up to 23rd Street. The open area also houses a tractor trailer sized metal storage container.

Current Zoning/Use(s): The on-site laundry is currently inactive and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, light industrial, and utility right-of-ways. The nearest residential area is on the upgradient and located on the north of laundry building, other side of 37th Avenue. Residential area at downgradient is approximately 400 feet, south side of 38th Avenue.

Historical Use(s): Since 1930's to until late 1980's, the site was used as a commercial laundry. The site had been utilized as a commercial dry cleaner from the late 1980's to the mid 1990's. Prior uses that appear to have led to site contamination include dry cleaning operation, and poor housekeeping and spills.

Adjacent property owner conducted a Phase I Environmental Site Assessment in September 2003, a Phase 2 Limited Subsurface Investigation in October 2003 and a Phase 2 Limited Groundwater Investigation in December 2003. The Department conducted Site Characterization during August 2007 through March 2010. In October 2010, the site was placed on the registry as a Class 2 Inactive Hazardous Waste Disposal site.

Operable Units: Currently the site has one operable unit, OU1. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination.

Site Geology and Hydrogeology: Subsurface material consists of sand and some silt and urban fill. The depth to the groundwater varies from approximately 13 to 15 feet below the ground surface. On-site groundwater flow direction is relatively flat. The general flow direction appears to be towards the southwest. Based on the MIP (Membrane Interface Probe) survey, the PCE plume appears to be spreading south.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination: The primary contaminants of concern at the site are tetrachloroethene (PCE) and trichloroethene (TCE). PCE and TCE have been found in on-site soils at concentrations up to 22 ppm, and 2.6 ppm, respectively, near the large metal storage container in the open area behind the laundry building. The unrestricted use RSCO's for both PCE

and TCE have been exceeded. PCE and TCE have been detected in on-site shallow groundwater at concentrations up to 2,000 ppb and 110 ppb respectively. Groundwater standards have been exceeded for both PCE and TCE and also for Vinyl Chloride (VC). Other compounds detected on-site in excess of groundwater standards are Chloroform and cis-1,2-Dichloroethene. Per February 2009 laboratory data, the plume of PCE and TCE-contaminated groundwater has migrated at least 400' off-site at levels up to 13,000 ppb and 1800 ppb, respectively. PCE and TCE were detected in on-site soil vapor at levels up to 560,000 g/m3 and 6400 g/m3 respectively and off-site at levels up to 2600 g/m3 and to 470 g/m3, respectively.

Special Resources Impacted/Threatened: The site is located in the urban area and Fish and Wildlife Impact Analysis is not warranted. Investigations are on going to determine if the PCE plume, releases from the site have migrated further downgradient.

Significant Threat: The site poses a significant environmental threat because the area overlies a sole-source aquifer and because there is an ongoing release of PCE and TCE from soil into groundwater.

ASSESSMENT OF HEALTH PROBLEMS:
Contact with contaminated soil is not expected since it is located at depth and covered by buildings, asphalt and concrete. Ingestion of contaminated groundwater is not likely since the area is served with public water. Site-related contaminants are present in soil vapor. Therefore, there is a potential for soil vapor intrusion to occur in on-site and off-site structures. Investigation of this potential pathway is recommended.

PROJECT COMPLETIONS:
Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Site Characterization		03/25/2010	Actual

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:		State-	Federal-
STATUS:	Negotiation in Progress-		Order Signed-	
REMEDIAL ACTION:	Proposed-	Under Design-	In Progress-	Completed-
NATURE OF ACTION:				

Map Identification Number 2 **AMTRAK SUNNYSIDE YARD** **Facility Id: 241006**
39-29 HONEYWELL STREET LONG ISLAND CITY, NY 11101 TT-Id: 120A-0003-014

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2434 feet to the SSE

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

****

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

SITE CODE: 241006
CLASSIFICATION CODE: 02 REGION: 2 DEC ID: 57794
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

NAME OF SITE: Amtrak Sunnyside Yard
STREET ADDRESS: 39-29 HONEYWELL STREET TOWN: New York City
CITY: LONG ISLAND CITY ZIP: 11101 COUNTY: Queens

SITE TYPE: Dump-X Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 133 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
P-79652	ICS ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: PENNSYLVANIA RAILROAD - AMTRAK Owner Type: Corporate or Commercial
ADDRESS: 400 N. CAPITOL ST. NW
WASHINGTON, DC 20001

NAME: National Rail Passenger Corporation
ADDRESS: 400 North Capitol Street NW
Washington, DC 20001

OWNER(S) DURING DISPOSAL:
NAME: PENNSYLVANIA RAILROAD - AMTRAK

ADDRESS:

OPERATOR(S) DURING DISPOSAL:
NAME: PENNSYLVANIA RAILROAD - AMTRAK Operator Type: Corporate or Commercial
JOSEPH P. DEVITO
ADDRESS: 39-29 HONEYWELL ST.
LONG ISLAND CITY, NY 11101

NAME: Amtrak - Sunnyside Yard
ADDRESS: 39-29 Honeywell Street
Long Island City, NY 11101

SITE DESCRIPTION:
Sunnyside Yard (the Site) is located at 39-29 Honeywell Street, Long Island City, Queens County, New York. The Site is a railroad maintenance and storage facility that currently encompasses approximately 133 acres. Newtown Creek, which defines the border between Queens and Kings Counties, is located less than 0.5 mile south of the western portion of the Site. The Site is bordered by commercial/residential properties, with Northern Boulevard located to the north, 42nd Place located to the east, Thompson Avenue to the west, and Skillman Avenue located to the south.

Historic fill on the Site is predominantly comprised of reworked glacial deposits (unstratified sand, silt, clay and gravel) and railroad ballast, with lesser amounts of ash, cinders and construction debris. With the exception of paved areas, land occupied by buildings, and vegetated areas, the railroad ballast is ubiquitous at the land surface throughout the Site.

Groundwater beneath the Site occurs in fill deposits, wetlands, or the Upper Pleistocene glacial deposits. The saturated Upper Pleistocene deposits comprise the Upper Glacial aquifer. The depth to groundwater across the Site varies from one to fifteen feet below ground surface.

Groundwater within the shallow deposits flows predominantly west across the Site. However, groundwater between Queens Boulevard and Honeywell Street flows northerly and northwesterly toward the buried flow path of the Dutch Kills Creek and/or East River. In the deeper deposits, groundwater predominantly flows west across the Site.

An operable unit represents a portion of the site remedy that for technical or administrative reasons can be addressed separately to eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. The operable units for this site are:

* OU-1: Soil above the water table within the footprint of the High Speed Trainset Facility Service and Inspection (HSTF S&I) Building. A Record of Decision (ROD) was issued for OU-1 in August 1997, and the remedial work was completed in April 1998.
* OU-2: Soil above the water table within the footprint of the HSTF S&I Building ancillary structures. A No Further Action ROD was issued for OU-2 in November 1997.
* OU-3: Soil and separate phase petroleum hydrocarbon accumulation above the water table and soil below the water table within 8 acres in the north central portion of the Site. A ROD was issued for OU-3 in March 2007. Remediation is ongoing.
* OU-4: Soil above the water table (unsaturated zone) at the Site, excluding OU-1, OU-2, and OU-3. A ROD was issued for OU-4 in March 2009. The RAWP is under review.
* OU-5: Sewer system (water and sediment) beneath the Site. The RI is ongoing.

* OU-6: Groundwater and saturated soil beneath the Site. A No Further Action ROD was issued for OU-6 in March 2010.

The Long Island Railroad (LIRR) is planning to construct tunnels through the Yard as part of its East Side Access (ESA) project. Impacts, if any, of the proposed construction are being addressed through the permit process and the Construction Contamination Site Management Plan (CCSMP).

A Remedial Design/Remedial Action (RD/RA) Order on Consent and Administrative Settlement for the site was signed in May 2010 to administer the remainder of the remedial program for the Site.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
LEAD	UNKNOWN
XYLENE (MIXED)	UNKNOWN
1,2,4-TRICHLOROBENZENE	UNKNOWN
BENZENE	UNKNOWN
PYRENE	UNKNOWN
POLYCHLORINATED BIPHENYLS (PCB)	UNKNOWN
FLUORANTHENE	UNKNOWN
ANTHRACENE	UNKNOWN
BENZO(B)FLUORANTHENE	UNKNOWN
BENZO(A)PYRENE	UNKNOWN
BENZO[K]FLUORANTHENE	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN
METHYL-TERT-BUTYL ETHER (MTBE)	UNKNOWN
1,1,2-TRICHLORETHYLENE	UNKNOWN
indeno(1,2,3-cd)pyrene	UNKNOWN
BENZ(A)ANTHRACENE	UNKNOWN
Chrysene	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Remedial investigations have been conducted in multiple phases under NYSDEC oversight pursuant to the consent order. Seventeen specific areas of concern (AOC) were identified. PCBs, cPAHs, areas of non-aqueous phase liquid (or NAPL), and lead are the main site-related contaminants of concern (COCs).

The following environmental exposure pathways and ecological risks have been identified for the Site:

* The Site poses an environmental threat associated with the potential impacts of contaminants to groundwater from soils impacted by the COC's.
* Continued migration of contaminated groundwater from off-site sources poses a potential environmental threat to on-site groundwater. Off-site sources will be addressed by remedial programs for the respective neighboring sites, as appropriate.
* There are no wetlands or other exposure pathways to fish and wildlife receptors in the Site.

Remediation has been completed in OU-1 and OU-2, and has been initiated at OU-3 and OU-4. The OU-5 RI is ongoing and the OU-6 ROD (No Action) was issued on March 30, 2010.

ASSESSMENT OF HEALTH PROBLEMS:
Groundwater in the area of the site is not used as a source of potable water. Access to the site is controlled, preventing trespassers from coming in contact with contaminated soils.

PROJECT COMPLETIONS:

Operable Unit 01 - REMEDIAL PROGRAM - HSTS

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		08/01/1997	Actual
Remedial Design		12/01/1997	Actual
Remedial Action		03/01/1998	Actual

Operable Unit 01A - IRM FREE PRODUCT

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Action		10/01/1991	Actual

Operable Unit 01B - IRM UST/SOIL REM

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Design		03/01/1991	Actual
Remedial Action		11/01/1991	Actual

Operable Unit 02 - REM PROG - HSTS soil above gw

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		11/01/1997	Actual

Operable Unit 03 - REM PRG-FREE PROD

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		03/30/2007	Actual
Remedial Design		12/24/2007	Actual

Operable Unit 04 - SOIL ABOVE GW

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		03/31/2009	Actual
Remedial Design		09/01/2010	Actual

Operable Unit 06 - Groundwater on site

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		03/30/2010	No Further Action

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-X	Soil-X	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-X	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE: Fill.
GROUNDWATER DEPTH: Range: 1 to 5 feet.

LEGAL ACTION:	Type: Consent Order -RI/FS	State-X	Federal-
STATUS:	Negotiation in Progress-	Order Signed-X	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-X	Completed-
NATURE OF ACTION:	IRM-Free phase petroleum recovery.		

Map Identification Number 3 **OUTLET CITY** **Facility Id: 2-016**
42-16 WEST STREET LONG ISLAND CITY, NY TT-Id: 180A-0002-982

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2548 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 4216 WEST ST
Revised zip code: 11101

This facility has been deleted from the reported data. Data reflects last reported information.

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT
REGION: 2

NAME OF SITE: Outlet City
STREET ADDRESS: 42-16 West Street
TOWN/CITY: Long Island City COUNTY: Queens

Registry Qualifying Investigations Underway as of 04/1997

Map Identification Number 4 **STANDARD MOTOR PRODUCTS, INC.** **Facility Id: 241016**
37-18 NORTHERN BOULEVARD LONG ISLAND CITY, NY 11101 TT-Id: 120A-0004-931

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2783 feet to the ESE

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

Special Note: This site is one of 421 Inactive Hazardous Waste Disposal Sites that reportedly are being reinvestigated for chlorinated solvents that may pose soil gas vapor intrusion hazards. Prior to 2003, many of these sites were determined to be cleaned up or not to pose hazards.

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

SITE CODE: 241016
CLASSIFICATION CODE: 02 REGION: 2 DEC ID: 58682
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

NAME OF SITE: Standard Motor Products, Inc.
STREET ADDRESS: 37-18 Northern Boulevard TOWN: New York City
CITY: Long Island City ZIP: 11101 COUNTY: Queens

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 1.1 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
2-477869	PBS No.
NYD001315266	EPA Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: Standard Motor Products/MTA Owner Type: Corporate or Commercial
ADDRESS: 37-18 Northern Boulevard
Long Island City, NY 11101

NAME: Standard Motor Products/MTA
ADDRESS: 37-18 Northern Boulevard
Long Island City, NY 11101

OWNER(S) DURING DISPOSAL:
NAME: STANDARD MOTOR PRODS./MTA
ADDRESS:

OPERATOR(S) DURING DISPOSAL:

NAME: Standard Motor Products/MTA
ADDRESS: 37-18 Northern Boulevard
Long Island City, NY 11101

Operator Type: Corporate or Commercial

NAME: Standard Motor Products/MTA
ADDRESS: 37-18 Northern Boulevard
Long Island City, NY 11101

SITE DESCRIPTION:

Location:
The site is located at 37-18 Northern Boulevard, Long Island City, Queens County, New York in the northwestern section of the county. Bordering the Site is Northern Boulevard to the north; Amtrak's Sunnyside Railroad Yard (Sunnyside Yard) to the south; 39th Street, an automobile dealership, and a Hess (formerly Merit) gasoline station to the east; and commercial and industrial properties to the west.

Site Features:
The Site is approximately rectangular in shape and occupies approximately one acre of land. The Site contains a six-story industrial building with approximately 42,000 square feet per floor. A narrow strip of land on the south side of the property contains a loading dock and a dirt access path for vehicles. This strip of land is owned by the Metropolitan Transportation Authority (MTA) and is part of a long-term lease to Standard Motor Products.

Current Zoning/Use(s):
The site is being used for commercial office space. There is a commercial vegetable farm occupying part of the building's roof.

Historical Use(s):
The Site has historically been involved in industrial and manufacturing activities since 1919. A small plating line for chrome plating of small machine parts operated from approximately 1975 to 1984. The site was previously used for painting automobile parts prior to distribution. In 1984, aqueous based paints replaced the previously used solvent-based paints. All painting operations were gradually eliminated between 1990 and 1991. The site also housed several other processes and included die-casting operations that ceased in the 1970s; rubber production that was eliminated around 1985; and degreasing which utilized chlorinated solvents that ended in 1990.

Until March 2008, automobile parts and components at the site were primarily manufactured in the basement within recent years. The manufacturing operations included metal fabrication and machining, plastic injection molding, and assembly. A small photography laboratory for production of newsletters, brochures also operated. Hazardous or toxic materials involved in plant operations are lubricating oils for machinery, caustics for degreasing, phenolics used in molding processes, epoxies for coil production, and water-based inks involved in their small-scale printing. All wastes were temporarily stored on-site in secure containers prior to off-site disposal at a licensed treatment, storage, and disposal (TSD) facility.

The Record of Decision was issued on March 23, 2009, and the Remedial Design/Remedial Action Order on Consent was signed in April 2010.

Site Geology and Hydrogeology:
The Site is underlain by the following units (in order by increasing depth): urban fill, Upper Pleistocene glacial deposits

(including both till and channel deposits), and bedrock. The fill is predominantly comprised of reworked glacial deposits (sand, silt, clay, and gravel) and railroad ballast with minor amounts of construction debris and other materials. The Upper Pleistocene glacial deposits consist mainly of ground moraine deposits (unstratified, poorly sorted mixture of sand, silt, clay, and gravel). Bedrock was encountered at a depth of 74 feet below land surface (i.e. 53 feet below mean sea level).

The groundwater beneath the Site occurs under water table (unconfined) conditions. The depth to groundwater in the vicinity of the Site is approximately 5 feet below ground surface (bgs) but may be influenced by surface runoff that results in standing water across most of the Site during rain events. The water table occurs in either fill or glacial deposits.

Groundwater elevation data show that flow is primarily from east to west beneath the Site. Due to the proximity to the East River, the hydraulic gradients are gentle which is consistent with the regional groundwater contour map and the groundwater contours present on the adjacent Sunnyside Yard property. Vertical groundwater movement is restricted by the Gardiners Clay where present or by the Precambrian bedrock which is considered to be the bottom hydrogeologic boundary of the groundwater flow system. The groundwater flow rate was estimated to be 0.78 feet/day.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TETRACHLOROETHYLENE (PCE)	UNKNOWN
1,1,1 TCA	UNKNOWN
1,1-DICHLOROETHANE	UNKNOWN
METHYL-TERT-BUTYL ETHER (MTBE)	UNKNOWN
TRICHLOROETHENE (TCE)	UNKNOWN
XYLENE (MIXED)	UNKNOWN
ETHYLBENZENE	UNKNOWN
VINYL CHLORIDE	UNKNOWN
DICHLOROETHYLENE	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

A site investigation in 1990 was initiated after an oily sheen was observed in a puddled area on the southeast side of the property. Soil samples from this area revealed elevated levels of petroleum hydrocarbons and volatile organic compounds (VOCs), primarily 1,1,1-trichloroethane. Approximately 2,700 sq. ft. of soil was excavated to a depth of 18 inches and stockpiled on-site.

Further investigation determined that soils in the area of the rear loading platform contained elevated levels of petroleum hydrocarbons and VOCs (trichloroethane - TCA, triclhoroethene - TCE and other related chlorinated VOCs). Contaminated soils extended beyond the area excavated. Subsequent groundwater samples taken indicated contamination with TCA and lead. The highest levels of groundwater contamination are adjacent to the loading dock at the back of the building.

Soil-

Arsenic was detected at 19 ppm, which is above the applicable soil cleanup objectives (SCOs).

Groundwater-

For PCE, two monitoring well samples contained concentrations which exceeded the groundwater standard of 5 ppb. The sample from MW06 contained PCE concentration that has increased from 10 ppb in 2003 to 17 ppb in 2008. The sample from MW14D contained PCE at a level of 5.8 ppb.

For TCE, four monitoring wells contained concentrations which exceeded the groundwater standard of 5 ppb. TCE concentration in MW06 has increased from 6 to 8.2 ppb between 2003 and 2008. MW11S detections declined slowly from 13 ppb to non-detect from 2003 to 2008. MW11D detections declined from 18 ppb in 2003 to non-detect in 2008 with a spike of 78 ppb in 2005. MW14D detected TCE at 5.1 ppb.

For cis-1,2-DCE, 10 monitoring wells contained concentrations which exceeded the groundwater standard of 5 ppb. MW09D sample contained detections that fluctuated between 2003 and 2006, the concentrations ranged from 48 to 36 ppb. The sample from MW11S contained cis-1,2-DCE concentrations that declined slowly from 71 ppb in 2003 to non-detect in 2008. The sample from MW11D contained concentrations that declined from 93 ppb in 2003 to 43 ppb in 2005 and 2008. The sample from MW12 contained cis-1,2-DCE concentrations that declined slowly from 64 ppb in 2003 to non-detect in 2008. The samples from MW13S and MW13D contained concentrations that declined from 44 ppb in 2003 to 17 ppb in 2005, and 34 ppb in 2003 to 20 ppb in 2005, respectively. The samples from MW14S and MW14D contained detected cis-1,2-DCE concentrations at 14 and 21 ppb, respectively. The samples from MW15 and MW16 contained detected concentrations of 19 and 9.4 ppb, respectively.

For VC, 7 monitoring wells yielded samples whose concentrations exceeded the groundwater standard of 2 ppb. The sample from MW09S contained VC at 11 ppb in 2003 and 0.1 ppb in 2006. The sample from MW09D contained VC at a constant concentration of 4 ppb from 2003 to 2006. The sample from MW11S contained VC concentrations that declined slowly from 31 ppb in 2003 to non-detect in 2008. The sample from MW11D contained detections that fluctuated between 2003 and 2008, the concentrations ranged from 12 ppb in 2003, 6 ppb in 2006, and 8.5 ppb in 2008 The sample from MW12 contained VC concentrations that declined slowly from 13 ppb in 2003 to non-detect in 2008. The sample from MW13S contained VC concentrations that declined from 3 ppb in 2003 to 0.5 ppb in 2008. The sample from MW15 contained a VC concentration of 19 ppb in 2008.

For 1,1,1-TCA, 2 monitoring wells yielded samples whose concentrations exceeded the groundwater standard of 5 ppb. The sample from MW10 contained 1,1,1-TCA at 13 ppb in 2003 to non-detect in 2005, and increased to 9.2 ppb in 2008. The same well, MW10 also detected 1,1-DCA at 74 ppb in 2005, but the concentration decreased to 8.2 ppb in 2008. The relatively flat gradient may cause more outward dispersion than advection. MW10 is also located underneath the 39th Street Bridge which could be a potential source for this relatively low contamination. The sample from MW11D contained 1,1,1-TCA at 6 ppb in 2003 and increased to 180 ppb in 2008.

Significant Threat:
The site presents a significant environmental threat. An Interim Remedial Measure (IRM) consisting of a sub-slab depressurization system (SSDS) has been installed in the building and is currently in operation.

ASSESSMENT OF HEALTH PROBLEMS:
The on-site structure will have an active sub-slab depressurization system which will prevent contamination from entering the building via soil vapor intrusion. A air sparge/soil vapor extraction system will address contaminants present in the groundwater. Exposure to site-related contaminants in drinking water are not expected because public water serves the area.

PROJECT COMPLETIONS:
Operable Unit 01 - REMEDIAL PROGRAM

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation		03/23/2009	Actual

Operable Unit 01A - IRM - Subslab Depressurization System

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Action	SSDS for On-Site Building	07/06/2010	Actual

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-X	Soil-X	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-X	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:	Coarse sand and gravel.
GROUNDWATER DEPTH:	Range: 1 to 5 feet.

LEGAL ACTION:	Type: Consent Order -RI/FS	State-X	Federal-
STATUS:	Negotiation in Progress-	Order Signed-X	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

Map Identification Number 5 **NATIONAL RUBBER ADHESIVES, INC.** **Facility Id: 241028**
38-31 9TH STREET LONG ISLAND CITY, NY 11101 TT-Id: 120A-0002-990

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2790 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3831 9TH ST
Revised zip code: NO CHANGE

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

SITE CODE: 241028
CLASSIFICATION CODE: 02 REGION: 2 DEC ID: 58713
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

NAME OF SITE: National Rubber Adhesives, Inc.
STREET ADDRESS: 38-31 9th Street TOWN: New York City

CITY: Long Island City ZIP: 11101 COUNTY: Queens

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 1 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
C241028	BCP Site ID
NYD990690190	EPA Site ID
V00662	VC Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: UNKNOWN Owner Type: Corporate or Commercial
ADDRESS: 25 KNICKERBOCKER AVE.
BROOKLYN, NY 11101

NAME: National Rubber Adhesives, Inc.
ADDRESS: 25 Knickerbocker Avenue
Brooklyn, NY 11208

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:
NAME: UNKNOWN3 Operator Type: Corporate or Commercial
ADDRESS:

NAME: National Rubber Adhesives, Inc.
ADDRESS: 38-31 9th Street
Long Island City, NY 11385

SITE DESCRIPTION:
LOCATION: The site is located in an urban/industrial section of Long Island City at the intersection of 9th Street between 38th Avenue and 40th Avenue. It is located on the east side of 9th Street, approximately 0.4 miles north of the Queensboro Bridge.

SITE FEATURES: The property extends 335 feet from the north to the south and 117 feet from the west to the east. The entire property is occupied by a 30,000 square feet, one story, slab-on-grand masonry building. A small courtyard is located in the central portion of the building on the western side. The site and surrounding areas are generally level.

CURRRENT ZONING/USE(S): The site is currently zoned commercial. The site is currently used as a marble fabrication shop, an automotive repair shop, and a production studio. Another tenant occupies the other one-third of the building for storage of

sheet metal and supplies for an off-site manufacturing business. No metal fabrication, cutting, or manufacturing associated with this business takes place on this site.

HISTORICAL USE(S):
National Rubber Adhesives, Inc. was a manufacturing facility for adhesives until it went out of business in 1995 and operated at this location for 62 years. (National Rubber Adhesives, Inc. occupied the northern two-thirds of the building.) The property is registered with the USEPA as a small quantity generator of hazardous waste, and is also listed as a registered Petroleum Bulk Storage Facility (PBS) and a Chemical Bulk Storage Facility (CBS). Five underground storage tanks (USTs) were closed in-place, including one toluene, two gasoline, one methyl ethyl ketone (MEK) and one heptane UST.

A number of previous site investigations were conducted to evaluate the site conditions from 1996 to 2006. None of these investigations provided a comprehensive investigation to determine all the impacts on and off the site; however, information was generated from these investigations to determine that a significant volatile organic contaminant problem exists at this site. A state-funded remedial investigation was initiated in the spring of 2010; however, access issues prevented any on-site work from being performed.

OPERABLE UNIT(S): The site is being managed by a single operable unit for both on-site and off-site contamination of the soils and groundwater. Off-site field work is being conducted in 2011 to determine the nature and extent of contamination off-site. Further investigation on-site will be done at a later date.

SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 to 20 feet above mean sea level. The nearest surface water body is the East River, approximately one quarter mile west of the site. Groundwater was observed approximately 5 to 10 feet below ground surface and flows in a westerly direction toward the East River.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TOLUENE	UNKNOWN
TOLUENE U-220 (F005 WASTE)	UNKNOWN
XYLENE (MIXED)	UNKNOWN
BENZENE	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
NATURE AND EXTENT OF CONTAMINATION:
Based upon investigations to date, the primary contaminants of concern at the site include toluene. Toluene has been detected at levels as high as 280,000,000 parts per billion (ppb) in groundwater in MW-2, which is above the respective groundwater standard of 5 ppb. Other wells have shown levels of toluene in the 10,000's ppb. Benzene, ethylbenzene, and xylenes have all been shown to be elevated.

These previous investigations have identified exceedances of standards, criteria and guidance for those contaminants in soil as well. Elevated levels of benzene and toluene were also noted in the soil vapor as well.

The groundwater plume appears to be migrating off-site however the extent of the plume is unknown.. Possible site impacts to the East River have not been assessed at this time.

SPECIAL RESOURCES IMPACTED/THREATENED : None known.

SIGNIFICANT THREAT: A significant threat is posed from potential exposure to site related contaminants from soil vapor intrusion both on and off-site structures. Exposures to contaminated groundwater are not expected because public water serves the area residents.

ASSESSMENT OF HEALTH PROBLEMS:
Elevated levels of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals have been identified in soil and groundwater at this site. The area is paved and served by pubic water so exposures to contaminated soils and groundwater are unlikely. Due to the high levels of VOCs in on-site groundwater, there is the potential for exposures related to soil vapor intrusion in surrounding buildings. A soil vapor investigation is planned as part of the ongoing remedial investigation.

PROJECT COMPLETIONS:
None reported

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-X	Soil-X	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-X	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE: Glacial till over crystalline bedrock.
GROUNDWATER DEPTH: Range: 5 to 10 feet.

LEGAL ACTION:	Type:		State-	Federal-
STATUS:	Negotiation in Progress-		Order Signed-	
REMEDIAL ACTION:	Proposed-	Under Design-	In Progress-	Completed-
NATURE OF ACTION:				

Map Identification Number 6 **LEVCO METALS PROPERTY** **Facility Id: 241009**
34-11 36TH STREET LONG ISLAND CITY, NY 11101 TT-Id: 120A-0004-928

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 3346 feet to the ENE

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

Special Note: This site is one of 421 Inactive Hazardous Waste Disposal Sites that reportedly are being reinvestigated for chlorinated solvents that may pose soil gas vapor intrusion hazards. Prior to 2003, many of these sites were determined to be cleaned up or not to pose hazards.

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

SITE CODE: 241009
CLASSIFICATION CODE: C REGION: 2 DEC ID: 58675
CLASSIFICATION CODE DESCRIPTION:
Remediation Complete (formerly D2). Sites may still require some degree of site management associated with either operation, maintenance, and monitoring or with institutional/engineering controls (IC/ECs).

NAME OF SITE: Levco Metals Property
STREET ADDRESS: 34-11 36th Street TOWN: New York City
CITY: Long Island City ZIP: 11101 COUNTY: Queens

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 0.5 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: KAUFMAN ASTORIA STUDIOS Owner Type: Corporate or Commercial
GEORGE S. KAUFMAN
ADDRESS: 34-12 36TH ST.
LONG ISLAND CITY, NY 11101

NAME: Kaufman Astoria Studios
ADDRESS: 34-12 36th Street
Long Island City, NY 11101

OWNER(S) DURING DISPOSAL:
NAME: KAUFMAN ASTORIA STUDIOS
ADDRESS:

OPERATOR(S) DURING DISPOSAL:
NAME: Levco Metals Operator Type: Corporate or Commercial
CHARLES LEVA(DECEASED)
ADDRESS: 34-11 36TH. STREET
LONG ISLAND CITY, NY 11101

SITE DESCRIPTION:

The Levco Metals Finishers property is located in an industrial area of Long Island City. The entire site is occupied by a one story building which covers approximately 21,900 sq.ft. Levco was a metal finishing facility which conducted metal stripping, etching, and plating processes for over 30 years. Company operations ceased with the death of the owner, in November 1990. The site was first investigated in 1987. Elevated levels of 1,1,2-trichloroethylene (TCE) were found in the groundwater, along with various breakdown products. The round of sampling, conducted in 1992, indicated higher amounts of TCE in the groundwater and soil around a floor sump located in the eastern portion of the building. An Interim Remedial Measure (IRM) consisting of the removal of 13.5 cubic yards of contaminated soil from within and beneath the sump took place in October 1994. Following the IRM, the supplemental site investigation was performed in November 1994. It showed that soil on site was remediated to the levels of the soil cleanup objectives, except for insignificant exceedances in a former sump area. The primary source of groundwater contamination, being the soil beneath the sump, has been removed. In April 1995, additional groundwater monitoring was conducted. It confirmed the expected reduction of VOC concentrations in groundwater in the sump area and in downgradient wells. In March 1996, the Record of Decision (ROD) was executed, which recommended delisting of the site from the Registry. The site has been delisted from the Registry in May 1996. The ROD also recommended additional groundwater monitoring on a semi-annual basis.
From 1996 to 2001, several rounds of groundwater monitoring have been conducted and showed that the contaminant levels in the groundwater beneath the site have not declined to acceptable levels. To address remaining contamination in the groundwater, the Site owner entered into the Voluntary Cleanup Agreement with NYSDEC in 2002 and designed Remedial Action Work Plan to remove remaining contaminants. This additional remedy has commenced in 2005 and is ongoing. See also site V00600. In late 2008 a State Superfund project was initiated to address offsite contamination.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TRICHLOROETHENE (TCE)	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
IRMs achieved the main remedial goals of the removal of hazardous waste in the former sump area and the cleanup of on-site soil to levels protective of the public health and the environment. Additional remedial action commenced in 2005 which is intended to address residual contaminants in the groundwater. An off-site vapor investigation is required to determine if off-site remedial measures are required.

Site Contamination

Soil: Prior to IRM: elevated concentrations of volatile organic compounds (e.g., 2 ppm trichloroethane; 3.5 ppm trichloroethene) and metals (e.g. 21.2 ppm cadmium; 12 ppm chromium) were detected in the soil beneath the sump area. Contaminated soil from this area was excavated and disposed off site in October 1994.

Groundwater and soil gas: On-Site groundwater is contaminated as a result of disposal activities. Predominant contaminants above Class GA groundwater standards are trichloroethene, 1,1,1-trichloroethane, and cis-1,2-dichloroethene.

ASSESSMENT OF HEALTH PROBLEMS:
Soil and groundwater are contaminated with volatile organic compounds (VOCs). Exposure to contaminated groundwater is not expected since the area is served by public water. Contaminated soil is subsurface, therefore exposure is unlikely. A soil vapor extraction system is in place on-site to remediate VOCs in soil and soil vapor. Therefore, inhalation exposure via soil

vapor exposure has been minimized. Additional data is needed to evaluate the potential for off-site exposure due to soil vapor intrusion.

PROJECT COMPLETIONS:
Operable Unit 01 - REMEDIAL PROGRAM

PROJECT	DESCRIPTION	END DATE	STATUS
Site Characterization		01/01/1992	Actual
Remedial Investigation		03/01/1996	No Further Action
Site Characterization	Off Site Vapor Intrusion Study	07/16/2010	Actual

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR: Air- Surface Water- Groundwater- Soil- Sediment-
APPLICABLE STANDARDS EXCEEDED IN: Groundwater- Drinking Water- Surface Water- Air-

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-
NATURE OF ACTION:			

Map Identification Number 7 **21-03 44TH AVENUE** **Facility Id: 241107**
21-03 44TH AVENUE LONG ISLAND CITY, NY 11101 TT-Id: 120A-0004-469

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 3533 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 2103 44TH AVENUE
Revised zip code: NO CHANGE

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

SITE CODE: 241107
CLASSIFICATION CODE: 02 REGION: 2 DEC ID: 394315
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

NAME OF SITE: 21-03 44th Avenue
STREET ADDRESS: 21-03 44th Avenue TOWN: New York City
CITY: Long Island City ZIP: 11101 COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 0.01 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
241112	HW Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: City of New York - Corporate Counsel Owner Type: Local Government
ADDRESS: 100 Church Street
New York, NY 10015

SITE DESCRIPTION:
Location:
The site is located immediately south of, and adjacent to, the building located at 21-03 44th Avenue in Long Island City, Queens, NY.

Site Features:
The site includes the sidewalk/street area immediately above and in the vicinity of a broken sewer line near the location of three groundwater monitoring points placed on the sidewalk in front of the building at 21-03, along 44th Avenue.

Current Zoning/Uses:
The site area is zoned as M1-4, which allows for manufacturing, commercial and certain community uses. In the immediate vicinity of the site, there are manufacturing and commercial businesses. The nearest residential area is approximately four hundred feet south of the site, along 44th Road.

Historical Uses:
Prior uses of the building at 21-03 44th Avenue include metal plating and the painting of radium dials. Light to medium grade manufacturing has been conducted immediately to the north and east of the site for over fifty years, and warehousing and frame manufacturing are conducted to the south. A New York City high school is located approximately three hundred fifty feet to the south of the site.

Contamination appears to have entered the environment from a broken sewer pipe that connects the building at 21-03 44th Avenue and the main sewer line in the street.

Site Geology and Hydrogeology:
Soil at the site consists of historic fill mixed with silty sands to a depth of approximately nineteen feet, with bedrock below this depth. Groundwater is encountered at approximately twelve feet below ground surface, and the flow is generally to the south.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
TETRACHLOROETHYLENE (PCE)	UNKNOWN
CHROMIUM	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Nature and Extent of Contamination:
Investigations conducted during a 2008 site characterization indicated a plume of chlorinated VOCs (primarily PCE) extending from the vicinity of the property at 21-03 44th Avenue to the northern edge of the Technology High School one block to the south, and possibly beyond. Chromium is also present in site groundwater.

Exceedances of standards, criteria, and guidance in groundwater include PCE at 36,000 ug/l vs. a standard of 5 ug/l and chromium as high as 1,500 ug/l vs. a standard of 50 ug/l. Trichloroethylene, cis- 1,2 - dichloroethene and vinyl chloride also exceeded standards, however to a lesser degree.

Significant Threat:
Contamination presents a significant threat to the environment as demonstrated by the magnitude and aerial extent of groundwater impacts.

ASSESSMENT OF HEALTH PROBLEMS:
On- and off-site groundwater is contaminated with lead, chromium, hexavalent chromium and volatile organic compounds, primarily tetrachloroethene (PCE) and its breakdown products. The area is served by public water, thus exposure via ingestion of contaminated groundwater is not expected. Insufficient data exists for complete evaluation of potential exposures to other site-related contamination.

PROJECT COMPLETIONS:
Operable Unit 01A - IRM - Groundwater Contamination Mitigation

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Design	21-03 44th Ave. IRM	08/25/2010	Actual
Remedial Action		09/19/2011	Actual

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-	Soil-	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-	Drinking Water-	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

LEGAL ACTION: Type: State- Federal-
STATUS: Negotiation in Progress- Order Signed-
REMEDIAL ACTION: Proposed- Under Design- In Progress- Completed-
NATURE OF ACTION:

RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS

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

Map Identification Number 8 **CONSOLIDATED EDISON** **Facility Id: NYD003917960**
3854 VERNON BLVD RAVENWOOD STA LONG ISLAND CITY, NY 11101 TT-Id: 220A-0040-499
EPA (RCRA) Name: CON EDISON - RAVENSWOOD TUNNEL HEADHOUSE
EPA (RCRA) Address: 3854 VERNON BLVD NW CORNER LONG ISLAND CITY, NY 11101

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 3639 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3854 VERNON BLVD
Revised zip code: NO CHANGE

GENERATOR TYPE: Small Quantity Generator - Large Quantity Generator - X Treatment, Storer, Disposal Facility -

HANDLERS WITH CORRECTIVE ACTION ACTIVITY (CORRACTS)

CORRACTS EVENT CODE	CORRACTS DATE	CORRACTS EVENT DESCRIPTION
HQCA050	12/01/1994	RFA COMPLETED
HQCA070NO	12/01/1994	DETERMINATION OF NEED FOR A RFI-RFI IS NOT NECESSARY

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

BROWNFIELDS SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 9 **OUTLET CITY, QUEENS BLVD. & JACKSON AVE.** **Facility Id: V00081**
QUEENS BLVD. & JACKSON AVE., L.I.C. LONG ISLAND CITY, NY 11101 TT-Id: 280A-0000-806

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2491 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / JACKSON AVE
Revised zip code: 11101-

Brownfield Program: Voluntary Cleanup Program

Volunteer: Outlet City, Inc.

****

VOLUNTARY CLEANUP PROGRAM

SITE CODE: V00081
CLASSIFICATION CODE: A REGION: 2 DEC ID: 58261
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

NAME OF SITE: Outlet City, Queens Blvd. & Jackson Ave.
STREET ADDRESS: Queens Blvd. & Jackson Ave., L.I.C. TOWN: New York City
CITY: Long Island City ZIP: 11101 COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 2.5 Acres

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
241020	HW Site ID
R2-0071-96-08(I	Haz. Substance ID
c241105	BCP Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):
NAME: Outlet City, Inc. Owner Type: Missing Code in Old Data
JOSEPH CONLEY
ADDRESS: 46-16 WEST ST.
LONG ISLAND CITY, NY 11101

SITE DESCRIPTION:
Location: The site is located in Queens County, on Jackson Ave between Orchard Street to the east, Queens Blvd. to the west and Long Island Railroad yard to the south. The G-Train runs underneath Jackson Avenue bordering the site to the north. The nearest residential structure is located approximately 100ft to the west across Orchard street.

Site Features: This 2.5 acre site consists of 12 multi-story buildings and associated parking area located in a congested commercial/industrial area of Queens County. The only occupied structure on-site is a NYC Transit Authority building.

Current Zoning/Uses(s): The current zoning at the site is Industrial and Retail. The surrounding area is zoned Special Long Island City Mixed Use District (LIC) and is a longstanding mix of residential, commercial, industrial and cultural uses at varying densities.

Historical Uses: The site had formerly been used for chemical manufacturing. From 1901-1978, West Chemical Co. owned the property and manufactured commercial and disinfectant products such as disinfectants, insecticides, soaps, floor wax, and paper products dispensing machines. Manufacturing operations employed various chemical substances including creosote, coal and acids, cresylic acids, degreasing solvents, iodine, and assorted oils and pesticides. Metal plating and gasoline filling operations were also conducted at the property. In 11/78, Outlet City acquired title to the property from West Chemical. During Outlet City's ownership, a flea market and various vendor operations have been conducted at the property. The site is being investigated under the Voluntary Cleanup Program (VCP) under a 1997 agreement. Previous investigations in the late 1980's and early 1990's led to the property entering the VCP.

Site Geology and Hydrogeology: Site geology consists of mostly sand at varying depths due to presence of shallow bedrock. Groundwater is approximately 8 -10ft below grade

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
ACETONE	UNKNOWN
METHYLENE CHLORIDE	UNKNOWN
NAPHTHALENE	UNKNOWN
TETRACHLOROETHYLENE (PCE)	UNKNOWN
TOLUENE	UNKNOWN
XYLENE (MIXED)	UNKNOWN
MEK	UNKNOWN
CREOSOTE	UNKNOWN

ETHYLBENZENE	UNKNOWN
BENZENE	UNKNOWN
PHENANTHRENE	UNKNOWN
FLUORANTHENE	UNKNOWN
FLUORENE	UNKNOWN
1,4-DICHLOROBENZENE	UNKNOWN
ACENAPHTHENE	UNKNOWN
ANTHRACENE	UNKNOWN
BENZO(A)PYRENE	UNKNOWN
DIBENZOFURAN	UNKNOWN
Hazardous Substances	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination:

The site is contaminated with creosote, petroleum, and solvents. Both soil and groundwater are affected. The majority of the contamination is located in Areas D and E where Creosote in the form of both LNAPL (Light Non-Aqueous Phase Liquid) and DNAPL (Dense Non-Aqueous Phase Liquid) is present.

Total on-site VOC's (Volatile Organic Compounds) including both chlorinated hydrocarbons and petroleum constituents are present in groundwater from non-detect - 25,000ppb. Total on-site SVOC's (Semi-Volatile Organic Compounds) are present in groundwater from non-detect to over 100,000ppb. An off-site investigation has not been completed at this site.

A ventilation IRM is in place in the basement of building No. 4, where creosote LNAPL enters the basement during large rain events. The ventilation system was designed and installed in 2004. The ventilation system was started up on June 8, 2004. The final engineering report for this IRM was approved in September 2006. Bi-annual air testing is collected to evaluate the effectiveness of the ventilation IRM.

ASSESSMENT OF HEALTH PROBLEMS:

Exposures to contaminated groundwater is not expected because the area is served by public water. Soils contaminated with etrachloroethene are beneath the site, however, exposure to this soil is not expected because the site is capped with asphalt. Indoor air samples collected in a portion of the on-site building contained levels of tetrachloroethene that exceeded the New York State Department of Health Guideline for tetrachloroethene in Indoor Air. NYSDOH and NYSDEC will evaluate the need for additional investigations to determine the potential for soil vapor intrusion into structures near the site.

PROJECT COMPLETIONS:

Operable Unit 01A - Bldg. 4 Indoor Air treatment system IRM

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Design		07/25/2003	Actual
Remedial Action		09/15/2006	Actual

Operable Unit 01B - UST Removal IRM

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Design		02/13/2003	Actual
Remedial Action		06/07/2003	Actual

Map Identification Number 10 **QUEENS PLAZA RESIDENTIAL DEVELOPMENT** **Facility Id: C241105**
28-10 JACKSON AVENUE LONG ISLAND CITY, NY 11101 TT-Id: 320A-0001-663

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2562 feet to the SSW

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

Brownfield Program: Brownfield Cleanup Program

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BROWNFIELD CLEANUP PROGRAM

SITE CODE: C241105
CLASSIFICATION CODE: A REGION: 2 DEC ID: 379475
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

NAME OF SITE: Queens Plaza Residential Development
STREET ADDRESS: 28-10 Jackson Avenue TOWN: New York City
CITY: Long Island City ZIP: 11101 COUNTY: Queens

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 0.5 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:

IDENTIFIER	SOURCE
241020	HW Site ID
V00081	VCP Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):
NAME: OUTLET CITY, INC. Owner Type: Innocent Owner NonRegistry-HazSubs
N/A
ADDRESS: 42-16 WEST STREET
LONG ISLAND CITY, NY 11101

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):

NAME: TST LIC DEVELOPMENT LLC
MR. MICHAEL B. BENNER
ADDRESS: C/O TISHMAN SPEYER PROPERTIES
45 ROCKEFELLER PLAZA
NEW YORK, NY 10111

Owner Type: Innocent NonOwner-Petroleum

SITE DESCRIPTION:

Location: This Brownfield site is approximately 0.5 acres in size and is a portion of the Outlet City VCP site(#V00081) located at 28-10 Jackson Avenue, Long Island City. The site is located in Queens County, on Jackson Ave between Orchard Street to the east, Queens Blvd. to the west and Long Island Railroad yard to the south. The G-Train runs underneath Jackson Avenue bordering the site to the north. The nearest residential structure is located approximately 100ft to the west across Orchard street.

Site Features: This 0.5 acre site is an empty lot in a congested commercial/industrial area of Queens County.

Current Zoning/Uses(s): The current zoning at the site is Industrial and Retail. The surrounding area is zoned Special Long Island City Mixed Use District (LIC) and is a longstanding mix of residential, commercial, industrial and cultural uses at varying densities.

Historical Uses: The site had formerly been used for chemical manufacturing. From 1901-1978, West Chemical Co. owned the property and manufactured commercial and disinfectant products such as disinfectants, insecticides, soaps, floor wax, and paper products dispensing machines. Manufacturing operations employed various chemical substances including creosote, coal and acids, cresylic acids, degreasing solvents, iodine, and assorted oils and pesticides. Metal plating and gasoline filling operations were also conducted at the property.
Intended use for this site is to build a multi-tenant high-rise residential apartment building with ground floor commercial space and a basement.
The Remedial Work Plan was publicly noticed in June/July 2007 and was approved by the state on August 16,2007. The remedial action has not yet been done (Sept. 2011).

Site Geology and Hydrogeology: Site geology consists of mostly sand at varying depths due to presence of shallow bedrock. Groundwater is approximately 8 -10ft below grade.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
CREOSOTE	5000.00

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The release of approximately 5000 gallons of creosote caused extensive soil and groundwater contamination that includes the presence of LNAPL and residual DNAPL. This site is considered a significant threat to the environment.

Contaminants in soil which exceed soil cleanup objectives primarily include: Naphthalene, 2-Methylnaphthalene, Acenaphtene, Dibenzofuran, Flourene, Benzene, Ethylbenzene, and total Xylenes.

Contaminants in groundwater which exceed groundwater standards primarily include: 2-methylphenol, phenol, Napthalene, 2-methylnaphthalene, benzene, Toluene, Ethylbenzene, and total xylenes.

ASSESSMENT OF HEALTH PROBLEMS:

The remedial investigation documented that subsurface soils and groundwater are contaminated with volatile organic compounds, semi volatile organic compounds, and chlorinated solvents. Exposures via drinking water are not expected because this mixed industrial/residential neighborhood is served by public water. The new building proposed for the site will include a vapor barrier and sub-slab depressurization system to prevent exposures via vapor intrusion. Additionally, the site will be capped with asphalt and managed through the site management plan which minimizes the potential for direct contact with residual soil contamination.

PROJECT COMPLETIONS:

Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Design		08/16/2007	Actual

SOLID WASTE FACILITIES IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS

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

Map Identification Number 11 **EVANS CONTAINER T.S. #3** **Facility Id: 41T37**
24-15 QUEENS PLAZA N LONG ISLAND CTY TT-Id: 380A-0002-360

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1934 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 2415 QUEENS PLZ N
Revised zip code: NO CHANGE

PERMIT NUMBER	PERMIT EXPIRES	FACILITY TYPE	FACILITY STATUS	WASTE TYPES
		LARGE TRANSFER STATION (>50000 CY/YR)	None	Residential

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

HAZARDOUS MATERIAL SPILLS INTRODUCTION

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

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

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

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

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

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

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

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

* Tank Failures;

* Tank Test Failures;

* Unknown Spill Cause or Other Spill Cause;

* Spills greater than 100 units of quantity; and

* Spills reported in the NYSDEC Fall 1998 MTBE Survey.

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

NO ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

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

Map Identification Number 12 **BUSINESS** **Spill Number: 0512409** **Close Date:**
28-11 QUEENS PLAZA NORTH LONG ISLAND, NY 11101 TT-Id: 520A-0133-703

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1756 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 2811 N QUEENS PLZ
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Tank Tester
Caller Name: AMY TOY
DEC Investigator: adzhitom

Spiller: RICK BOEHM - BUSINESS
Notifier Name: AMY TOY
Caller Agency: ADVANCED SERVICES
Contact for more spill info: RICK BOEHM

Spiller Phone: (718) 313-9042
Notifier Phone: (800) 440-8265
Caller Phone: (800) 440-8265
Contact Person Phone: (718) 313-9042

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/26/2006		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

isolate and retest

DEC Investigator Remarks:

01/26/06. Feroze, TTF is sent to property owner.
01/27/06. Feroze visited the site. Its NYCDOT office. Talked with Joseph Donini. Executive director Adm. They will change the tank and remove all contaminated soil if any and will submit those documents to DEC. His Ph. 718-433-3128.Fax 718-433-3389/3121

02/13/06. Ms. Haither 212 442-7721 called me and infirmed that they have removed the old tank & will set a new one soon. They will submit DEC the document soon.

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

04/21/06-Hiralkumar Patel. Left message for Ms. Haither.

04/24/06-Hiralkumar Patel. Spoke with Ms. Heather and she will fax me copy of the letter that she sent to Feroze earlier. they are still working to get contractor to do work. tank is empty and they haven't removed it yet.

04/28/06-Hiralkumar Patel. REceived fax from Ms. Heather. she suggest to contact Joe Donini (718-433-3128) as Joe sent letter to Feroze at DEC. abstract of letter:
- tank is currently empty and is not operational.
- NYC DOT is in the process of obtaining quotes and recommendations from vendors to perform soil analysis, remediation if necessary, removal and replacement of the tank

with letter, she also faxed copy of PBS registration form they filed to registered subject tank.

07/06/06-Hiralkumar Patel. Left message for Joe Donini.
08/29/06-Hiralkumar Patel. Left message for Joe Donini.
09/11/06-Hiralkumar Patel. received message from Mr. Donini (718-433-3128). as per Mr. Donini, NYS DOT will hire someone for work. he will call once he gets more information.

02/16/07-Hiralkumar Patel. received message from Jerry Hickson (Ph. 212-465-5512, Fax: 212-631-3770) from Parson Birnckerhoss. left message for Mr. Hickson.

03/01/07-Hiralkumar Patel. received call from Mr. Hickson. they will investigate soil around tank and associated pipings for any contamination and will send report (in six months).

10/11/07-Hiralkumar Patel. left message for Ms. Alexandra, as Jerry left company.

05/22/08-Hiralkumar Patel. received email from Ms. Wong. Roux associated was working on this case but now somebody else is working.

Renee L. Wong
Roux Associates, Inc.
PH. (631) 232-2600 (O)
(631) 774-7346 (C)
Fax (631) 232-9898
Email: rwong@rouxinc.com

06/04/08-Hiralkumar Patel. left message for Ms. Wong to know history of work performed.
06/05/08-Hiralkumar Patel. received email from Ms. Wong. she asked to contact Mr. Singh at NYC DOT, who handles the project.

spoke with Mr. Singh at NYC DOT. he mentioned that building ownes by NYC Board of Education and occupies by NYC BOE, NYC DOT and NYS DOT. Mr. Singh mentioned that NYS DOT did work regarding tank.

Raymond Singh
NYC DOT
Ph. (718) 793-7316
email: rsingh@dot.nyc.gov

George Hanna
NYS DOT
PH. (718) 482-4793
(718) 499-7075

spoke with Mr. Hanna. he mentioned that tank owned by NYC. they pumped out failed UST and installed temporary AST. Mr. Hanna doesn't know whether city agency will remove or repair the tank. failed tank is currently empty. Mr. Hanna asked to contact John Reis (917-335-7381) at NYS DOT to get contact at city agency who handles the tank.

left message for Mr. Reis. received call from Mr. Reis. he asked to contact Mr. Talas.

Mohammad Talas
NYC DOT
Ph. (347) 245-0059
email: mtalas@dot.nyc.gov

left message for Mr. Talas.

06/06/08-Hiralkumar Patel. received message from Mr. Talas. left message for Mr. Talas.
06/19/08-Hiralkumar Patel. spoke with Mr. Talas. he mentioned that NYS DOT is working to replace tank. Mr. Talas asked to talk to Mr. Merenes at NYS DOT.

spoke with Mr. Merenes. he will contact their consultant and will submit updates.

Joseph Merenes
NYS DOT
PH. (718) 482-4735
email: jmerenes@dot.state.ny.us

06/23/08-Hiralkumar Patel. spoke with Mr. Merenes regarding tank updates. he will ask his consultant to contact.

received email from Raymundo Martinez, JHK Engineering: "JHK is a prime consultant to the NYSDOT and part of its scope of

services under Supplemental Agreement #40 (SA #40) to agreement D008599 is to provide design services for the replacement fuel tank at 28-11. The design services will be performed by PB Americas, a sub-consultant engineering firm on JHK's team on agreement D008599. The JHK team has not proceeded on the design services since we are awaiting approval of SA #40, which should be soon. The SA #40 is currently being processed by NYSDOT Contracts in Albany."

Raymundo Martinez
President
JHK Engineering, P.C.
email: raymundo.martinez@transcore.com

contractor is waiting for approval from NYSDOT.

04/02/10-Hiralkumar Patel.
11:33 AM:- left message for Mr. Merenes for updates.

09/10/10-Hiralkumar Patel.
2:43 PM:- left message for Mr. Merenes for updates.

09/14/10-Hiralkumar Patel.
8:45 AM:- received message from Mr. Merenes. he mentioned that their consultant PB will prepare a work plan and then work plan will be forwarded to NY City DOT for implementation. he will call back once gets update from PB.

10/14/10-Hiralkumar Patel.
11:15 AM:- received message from Mr. Merenes. he mentioned that due to scaffolding for some repair work around the building, they could not start bid process for tank removal for about a year.

ACRIS record shows that the subject site is owned by City of New York.

as per spill report, site has 2,500 gal tank. no PBS record found.

09/16/11-Hiralkumar Patel.
1:00 PM:- spoke with Mr. Merenes. he mentioned that scaffolding is still there and no work has done regarding tank removal.

11/30/11-Hiralkumar Patel. after discussing with DEC Austin, case transferred to DEC Vadim for supervision of the investigatory and remedial work under the NYC Heating Oil Consent Order.

DEC requires: 1) PBS registration, 2) isolation test, 3) cleanup of any contamination

12-27-2011 This spill is reassigned from V. Brevdo to Alex Zhitomirsky, as per V. Brevdo instructions. Emailed LiRo and received the following response by S. Frank: "We will pull together whatever information we have and forward it to you." AZ

Map Identification Number 13 **QUEENSBRIDGE PLANT C -NYCHA** **Spill Number: 9008076** **Close Date:**
40-09 10TH STREET NEW YORK CITY, NY TT-Id: 520A-0130-600

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2596 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 11101

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	NYCHA	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	SEBASTIAN LOREFICE	Caller Agency:	TANK TESTING INC	Caller Phone:	
DEC Investigator:	jkkann	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/24/1990		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

TANK TEST INFORMATION

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

Caller Remarks:

(2) 15K TANKS MANIFOLDED FAILED HORNER EZY CHECK, GROSS VISUAL LEAK IN WALL OF MANWAY.

DEC Investigator Remarks:

5/20/10-Vought-Discussed site with DEC Kahn and closed spill #0911418 consolidated with this spill as they are at same address and are governed under NYCHA Consent Order. See spill #0911418 for for further information and history.

These notes from closed spill #0911418:

Contractor replacing boiler. To do this they are excavating a deeper/larger basement area. Digging in soils to install lines

and found low levels of contaminated soil. They're digging out soil now. Question is if they need to chase the bad soil to end points, or just end. Problem is only with SVOCs which they believe are historical. Consultant will send e-mail to Vought with additional information.

5/20/10-Vought-See also PBS #2-475610 and #2-475602. Received message from Doug Schrimpf (Eastern Enviromental Ph:631-727-2700 Fax:631-727-2777). Vought called and spoke to Schrimpf and installing boilers in building including cutting out foundation and installation of new boilers. During excavation, contamination was noted. 50 yards of soil removed down to footing of apartment building and contamination noted at bottom of footing. 300 tons of soil may be removed as part of bid by boiler removal. No delineation performed to date. No further soil can be excavated due to footings. Endpoint soil sidewall samples collected. Excavation was performed to groundwater but no bottom groundwater samples collected as delineation was proposed but not authorized. Sheen on groundwater noted. Not sure of source of contamination. Contact for NYCHA is:

Maric Mechanical
Michael MacMenamie
19-03 75th Street
East Elmhurst, NY 11370
Ph: (718)721-5449
Fax: (718)721-8144

Address of NYCHA is:

Mr. Ralph Trocchio
New York City Housing Authority
Technical Service Department
23-02 49th Avenue, 5th Floor
Long Island City, NY 11101
Ralph.Trocchio@nycha.nyc.gov

Vought drafted letter that was signed by DEC Kann with below requirements and three month deadline.

DEC requirements from consolidated Spill #0911418:
1)submission of endpoint samples
2)delineation of contamination including determination of source
3)submission of site plan
4)cc to Eastern (Schrimpf)

DEC requirements for this spill:
1)Submission of site plan with leaking USTs that failed TTF
2)TTF letter (isolate/retest system or investigation/excavation).

5/25/10-Vought-Received email from Eastern (Schrimpf) that "Jeff -Thank You Very Much For Your Help, I emailed Maric Mechanical the NYSDEC Correspondence and spoke to them ,they still don't feel this is part of contract. They told me there contract was with the housing authority includes removal existing boiler and install a new boiler in basement, remove of oil tank and oil impacted soil which was done by Maric Mechanical . Eastern Environmental

only got involved with this when they had stock piled soil that they had already excavated . Eastern excavated some additional soils from excavation bottom and collect endpoint sample and disposed of soil that was previously excavated by Maric Mechanical. Based on the endpoint results and contamination still observed in excavation that could n't be removed due to structural issues ,Eastern provided a cost estimate for full of oil impacted soil and ground water investigation sent in March . I suggested to Maric Mechanical that we meet at site with House Authority Representative to review what the NYSDEC requirements are and to find out what the current contract that Maric Mechanical has with Housing Authority and if this Environmental work would be covered under the contract .Thanks For Your Help Jeff ". Vought forwarded email to DEC Kann and replied to Schrimpf that he should keep DEC Kann posted as she is current project manager.

12/27/11: J.kann - Visited site on June 2, 2011. Report received on August 30,2011. Reviewed report and sent comments to NYCHA on 12/23/11.

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

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

Map Identification Number 14 **QUEENSBRIDGE SUBSTATION PH #2** **Spill Number: 0202888** **Close Date:**
22-09 39TH AVE NEW YORK, NY TT-Id: 520A-0133-724

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	KEVIN MCARDLE	Notifier Phone:	(212) 580-6763
Caller Name:	KEVIN MCARDLE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:	KEVIN MCARDLE	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/19/2002		UNKNOWN	NO	NO

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

Caller Remarks:

con ed 143438

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2MIS no. 143-438:

19-JUN-2002 @ 11:27Hrs.

Thomas Rowawn, Supervisor, reports during inspection, historic contamination was found at PH 2. The flooring consists of a welded metal plate over a moat with a bluestone bottom. By visual inspection the surface layer underneath the sub floor appears to be stained/discolored. The quantity released is unknown,

however for reporting purposes the volume has been entered as -1 gallon. The substance is unknown, however it is likely to be identified as dielectric fluid. The source of contamination is unknown. The cause of contamination is unknown. There is no active fire/smoke at this time. Release to sewer/waterway is not verified at this time. No private property has been affected. A station remediation plan will be prepared to determine the priority order for addressing this and other historic incidents as per SSO's letter to NYSDEC region II dated February 20, 2002. Housekeeping and maintenance activities, as required, will be documented.

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill.

6/21/10 - changed Lead DEC to JMOCONNE (JOC)

Map Identification Number 15 **QUEENSBRIDGE SUBSTATION TR #2** **Spill Number: 0200328** **Close Date:**
22-09 39TH AVENUE QUEENS, NY TT-Id: 520A-0133-719

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ANTHONY NATALE - QUEENSBRIDGE SUBSTATION	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	CHRISTINE KOEHLER	Notifier Phone:	(212) 580-6765
Caller Name:	ANTHONY NATALE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:	ANTHONY NATALE	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/10/2002		UNKNOWN	NO	NO

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

Caller Remarks:

STAINING FOUND ON A DEC INSPECTION - TRANSFORMER VAULT 2

CON ED #142195

DEC Investigator Remarks:

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

7/14/06: Spill submitted by Con Ed for closure (see eDocs). Response to Con Ed: "This transformer vault was cleaned under the historic contamination program. No post-excavation soil sample results were provided." (JHO)

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10-APR-2002 @ 11:06 Hrs.
Thomas Rowan, Operating Supervisor, reports during Substation inspection historic contamination was found on bluestone in/around transformer vault 2. The approximate size of the contaminated area is: on the 22nd street side of the station there is staining at the base of the pad in two places. The first extends one foot from the pad by six feet wide. The other extends one foot from the base by three feet wide. The 38th ave side has a two foot by two foot patch. On the 23rd street side of the station there is a stain at the base of the pad extending one foot from the pad by three feet wide. There is no active fire/smoke at this time. Release to sewer/waterway is not verified at this time. The substance is unknown, however it is likely to be identified as dielectric fluid. The quantity released is unknown. The source of contamination is unknown. The cause of contamination is unknown. No private property has been affected. A station remediation plan will be prepared to determine the priority order for addressing this and other historic incidents as per SSO's letter to NYSDEC dated February 20, 2002. Housekeeping and maintenance activities, as required, will be documented.

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill.

6/21/10 - changed Lead DEC to JMOCONNE (JOC)

Map Identification Number 16 **QUEENSBRIDGE SUBSTATION TR #1** **Spill Number: 0200323** **Close Date:**
22-09 39TH AVENUE QUEENS, NY TT-Id: 520A-0133-740

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVENUE
Revised zip code: NO CHANGE
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Source of Spill:	UNKNOWN	Spiller:	CALLER - CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	CHRISTINE KOEHLER	Notifier Phone:	(212) 580-6765
Caller Name:	CHARLES MCCARTHY	Caller Agency:	CON ED	Caller Phone:	(212) 580-6765
DEC Investigator:	JMOCONNE	Contact for more spill info:	CHARLES MCCARTHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/10/2002		UNKNOWN	NO	NO

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

Caller Remarks:

POSSIBLY DIELECTRIC FLUID

CONED 142193

DEC Investigator Remarks:

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

NOTE: This is the "Master Spill Number" for Transformer #1. It is to remain open until all repairs on this equipment and remediation are completed. (JHO, 3/24/06)

7/14/06: Spill submitted by Con Ed for closure. Response to Con Ed: "This transformer vault was cleaned under the historic contamination program. No post-excavation soil sample results were provided. Also, documentation of all repairs (including those contained under "sub" incident no. 149339) must be provided." (JHO)

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Con Ed e2mis #142193 (master):

10-APR-2002 @ 10:40 Hrs.
Thomas Rowan, Operating Supervisor, reports during Substation inspection historic contamination was found on bluestone in/around transformer vault 1. The approximate size of the contaminated area is: on the 22nd street side of the station there is staining at the base of the pad extending one foot from the pad by six feet wide. On the 23rd street side of the station there are two seperate areas of staining. Both are at the base of the pad. The first is a two foot by two foot patch. The second extends one foot from the pad by four feet wide. There is no active fire/smoke at this time. Release to sewer/waterway is not verified at
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this time. The substance is unknown, however it is likely to be identified as dielectric fluid. The quantity released is unknown. The source of contamination is unknown. The cause of contamination is unknown. No private property has been affected. A station remediation plan will be prepared to determine the priority order for addressing this and other historic incidents as per SSO's letter to NYSDEC dated February 20, 2002. Housekeeping and maintenance activities, as required, will be documented.

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e2mis no. 149339 (sub):

7/17/03 - 0928hrs - Eric Kuehn # 85802 found 1 qt transformer oil leached/migrated from main body underneath the shell of Transformer # 1 - Fdr # 69M01 onto concrete pad. Diapers and bolgonies have been placed to contain spill. Transformer Supv contacted to site. He will determine clean up procedure and repairs to transf.

UPDATE 7/21/03 1330 Hours
Cleanup information submitted by SSO supervisor indicates that spill was cleaned up at 1100 on 7/17/03 by Armin Benavides #15857. A drum of pads was generated as a result of the cleanup of the pad. LSN 00-01492-002 indicates oil to be less than 1 ppm PCBs. Leak is being contained with pigs/pads. MAXIMO WO 0000216614 generated for repair.

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill.

6/21/10 - changed Lead DEC to JMOCONNE (JOC)

Map Identification Number 17 **IN EXCAVATION** **Spill Number: 1004467** **Close Date:**
36-15 24TH ST QUEENS, NY TT-Id: 520A-0252-751

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1316 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3615 24TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	mxferoze	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/21/2010		UNKNOWN	NO	NO
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Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

while excavating soil was found to be contaminated. clean up in progress

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

Map Identification Number 18 **FEEDER # 31281** **Spill Number: 9400473** **Close Date:**
21ST ST/38TH & 39TH ST QUEENS, NY TT-Id: 520A-0137-034

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1549 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / BTWN 38TH / 39TH AVE
Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CON-ED Spiller Phone:
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: CRIBBIN Caller Agency: CON-ED Caller Phone: (212) 580-6763
DEC Investigator: JMOCONNE Contact for more spill info: Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/11/1994		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	680.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL LEAKED BETWEEN 2 SUB STATION FEADER #31281 - PERF. LEVEL CHECKS & DISCOVERED DISCREPANCY. HAS TO FIND IT BEFORE THEY CAN CLEAN UP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 4. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.

4/11/94, 3:03 pm: John Hegerty (Con Ed UT) - L & M legs of the feeder run parallel - both show pressure drops between Vernon and Queensbridge Substations (~ 2 miles of cable for each leg). Doing manhole check. Leak first noticed this morning. (CAE)

4/18/94: note from S. Camissa to C. Engelhardt - update from Con Ed. Leak located on 21st St just south of 38th Ave. on 4/17 at 1525 hrs. Temporary clamp is in place, to investigate further to see if oil got to water or sewer.

4/18/94: Con Ed on-site - leak clamped but still leaking slowly. M-leg of feeder was leaking. (CAE)

5/23/94: drove by site today. MEG on-site with vac-truck. Con Ed on site doing corrosion voltage measurements. At 4:40 PM I spoke with Cheryl Payne (Con Ed Remediation) by phone - she said Tim Fitzgerald (Con Ed?) was not confident that sampling would reveal low #s, so he is sucking out more soil and pure product today. Sampling set for tomorrow at 10:00 AM. (CAE)

10/10/95: This is additional information about material spilled from the translation of the old spill file: DIELECTRIC FLUID.

Map Identification Number 19 **FEEDER** **Spill Number: 9206118** **Close Date:**
21ST ST BET 39TH & 40TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0137-033

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1632 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST BET 39TH / 40TH AVE
Revised zip code: 11101

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	NAT HAYWARD	Caller Agency:	CON-EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/26/1992		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	400.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

LINE RUNS BETWEEN VERNON SUBSTATION AND QUEENSBRIDGE SUBSTATION LINE SYSTEM IS MISSING 400 GALLONS. CALLED CON ED ABOUT 1GL
JUST DETECTED THE LEAK 8/26/92 NOTICED PROBLEM FOR A WEEK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
LEAK LOCATED ON 21ST ST. BETWEEN 39TH AND 40TH AVENUE.

APPENDIX B SITE NO. 4.

Map Identification Number 20 **QAZI TOWING** **Spill Number: 0412186** **Close Date:**
41-01 23RD STREET LONG ISLAND CITY, NY 11101 TT-Id: 520A-0133-666

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1661 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 4101 23RD STREET
Revised zip code: NO REVISION MADE

Source of Spill:	GASOLINE STATION	Spiller:	PAUL STEWART - FORMER GAS STATION	Spiller Phone:	(631) 293-4992
Notifier Type:	Other	Notifier Name:	PAUL STEWART	Notifier Phone:	(631) 293-4992
Caller Name:	PAUL STEWART	Caller Agency:	ADVANCED CLEAN UP TECH	Caller Phone:	(631) 293-4992
DEC Investigator:	aaobliga	Contact for more spill info:	PAUL STEWART	Contact Person Phone:	(631) 293-4992

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/14/2005		OTHER	NO	NO

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

Caller Remarks:

DOING SOIL BORINGS AND GROUND WATER SAMPLING AND CAME UPON CONTAMINATION: OWNER OF PROPERTY IS HUSNAIN HUSSANI

DEC Investigator Remarks:

6/10/05 R. Hough-Contacted Advanced Cleanup Technologies, (Paul Stewart spill notifier) concerning this case. He indicated that the property had recently changed hands. New owner was Hussain Husnain. Stewart indicated that new owner may be willing to submit Remedial Work Plan for cleanup as per Phase II. Requested copy of this report. Indicated that redevelopment plans may be submitted to NYC DEP. Say's that property is in a "E" designated hazardous materials area and that an exstensive subsurface investigation may be required.

6/24/05 R. Hough-Contacted Advanced about Phase II. Talked to Caroline Cadalso, who said she would send directly to me.

7/1/05 R. Hough-Received Phase II Report from Advanced. Cover letter indicated that they were looking forward to implementing investigation and remediation.

8/8/05 R. Hough-Received voicemail and email from Stewart indicating that they had been retained by owner to manage remediation.

8/15/05 R. Hough- Called Stewart back and discussed site. Informed him that they could submit Work Plan to Central Office and that it would have to include registration of tanks, properclosure, and meet requirements of DER 10, and also need a schedule. He wanted a commitment that if a Work Plan was sent, we would be able to make a decision here and be point of contact throughout. He indicated that we would probably see a Work plan in about a week.

11/7/05 Hough-Called Stewart about site. He stated that client was now hesitant to submit a seperate WP, as a subsurface investigation was required by DEP in conjunction with possible building development plans.

11/10/05 Hough- Next Steps: Multiple USTs need to be removed from the site and remediation of the free product and associated contaminated soil is required. This effort would help to eliminate a contamination source, contaminated media and a possible threat to human health. Submittal of a remedial work plan, review and approval of the work plan and implementation of the work plan will require a significant effort and completion will extend well beyond the end of 2005. This meets the definition of a long-term spill site. At this point, it is recommended that this spill be referred back to the Regional Spills Remediation staff to address.

12/28/05 - Obligado - File transferred from Hough to Obligado

12/29/05 - Obligado - Call Paul Stewart (631) 293-4992 (EXT 12), left message. Called Caroline Cadalso (EXT 21), send not much progress since last correspondence with Hough. She will get up to speed on details of project and will call me back next week.

1/3/06 - Obligado - Spoke with Paul Stewart. Says his client (property owner) is out of the country right now. His client is considering selling property. Paul Stewart informed the client that DEC is now involved with site and he is responsible for pulling out the tanks, delineating, and remediating the site. Paul Stewart will contact his client and inform him that the tanks must be pulled out. Site planned for redevelopment as a residential property so there is potential for DEP and DOB involvement.

1/18/06 - Obligado - Call Paul Stewart to see if he got in contact with client. Left message to call DEC.

1/19/06 - Obligado - REcevied call from Paul Stewart. Has not been in contact with RP. Has left messages with Hussain's wife. He will try again and let me know.

1/23/06 - Obligado - Spoke with Paul stewart. He spoke to RP who is in Greece. The RP name is Angelo Gerasimou. Will be back at end of March. Sent Stip agreement with signing deadline for April 7, 2006.

4/5/06 - Obligado - Received Signed STIP agreement.

4/6/06 - Obligado - STIP executed by DEC Oliva

4/10/06 - Obligado - Send email to Paul Stewart informing of STIP implementation and attached copy of signed STIP. Received voice mail from Ana Maria Gerasimou, 516-603-3030.

4/11/06 - Obligado - Called Ms. Gerasimou back, said Mr. Gerasimou would not be back until May. He will call me as soon as he gets back.

5/16/06 - Obligado - Called Mr. Gerasimou at above number. Spoke with Mrs. Gerasimou, told me to call Mr. Gerasimou at 516-695-9595. She said that he has returned from Greece. Spoke to Mr. Gerasimou, he said he planned to removed the tanks by the end of the summer. Told him that the tanks would have to be removed immediately as per Stipulation agreement. He said he would contact Paul Stewart.

5/17/06 - Obligado - Called Paul Stewart (631) 293-4992 (EXT 12), left message to call the DEC. Call back from Paul Stewart. He said he initially proposed soldier piles and lagging around the entire property then excavation of all contaminated material. He said that this would be cost prohibitive and a building permit is first needed to install the piles and lagging, and in order to get a building permit an investigation must be approved by DEP. He said it would be easier to get an investigation approved by the DEP if the tanks were first removed. He said he is going to give a proposal to Gerasimou next week for UST excavation, limited soil removal, and test pitting, and possible sump installation for product removal purposes. I asked him to send me a work proposal as well.

5/31/06 - Obligado - Phone call from Paul Stewart. UST excavation scheduled for 6/5/06, 7:00AM. Day 1 they will remove concrete, uncover piping and tanks. Day 2 they will remove piping, USTs, and soil.

7/28/06 - Obligado - Call Paul Stewart, about overdue Investigation Summary Report. He was out of the office. I left a message to call the DEC.

7/31/06 - Obligado - Phone call from Paul Stewart. The USTs were removed. A will report will follow in a week. He said they were still developing remediation/building plans. Told him regardless I needed ground water delineation and installation of wells at the site and the ISR was overdue.

8/3/06 - Obligado - Email from Paul stewart with well locations.

9/1/06 - Obligado - Review UST Closure Report, dated August 9, 2006. Submitted by ACT. Cover letter said ground water wells are currently being installed at the site and will be sampled in a few days. Between 6/5/06 and 6/8/06 ACT excavated and cleaned ouut 4 550 gallon steel USTs and 2 2500 gallon USTs and one hydraulic lift. Contaminated soil was found in excvation however no post-excavation sampling was performed because additional excavation will occur during building construction. A total of 3100 gallons of oil/water mixture was removed form USTs.

9/8/06 - Obligado - Voicemail from Carol Cadolso from ACT (631-293-4992). Monitoring wells were installed.

9/12/06 - Obligado - Called back Carol, left message to call back DEC.

9/14/06 - Obligado - Spoke with Carol. Three wells were installed. VOCs up to 137,000 ppb in one well (MW1). No product was found. They will install 4 more wells on sidewalk north and west and then submit the Investigation Summary Report by November 1, 2006.

11/22/06 - Obligado - Investigation Summary Report Received by Department

12/11/06 - Obligado - Review investigation summary report, submitted by ACT. 4 Monitoring wells installed along adjacent sidewalk (MW4 - MW7). They were 1-inch wells installed with a geoprobe with 10 ft screens (except Mw6 which had 5 ft screen. All wells guaged, purged and sampled on November 3. DTW 7.90 to 11.84 ft bgs. No LNAPL detected. BTEX from 4 ppb (MW3) to 100,870 ppb (MW1). 14000 ppb benzene detected in MW1. MTBE from ND (MW3) to 4310 ppb (MW1).
All 4 newly installed off-site wells had BTEX well in excess of GW standards, with highest contamination in off-site well MW4 (adjacent to MW1).

12/11/06 - Obligado - Spoke with Paul Stewart. They will not be entering the Brownfield Clean-up Program. Told him additional delineation would be required before RAP due to gw plume not completely delineated and no laboratory analyzed soil data.

12/12/06 - Obligado - Draft response to ISR. Decide to include soil vapor probes due to very high benzene levels - 14000 ppb. DEC Requires:

1) At a minimum, 6 soil borings must be advanced on-site to characterize soil contamination. During boring advancement soils must be logged and screened with a PID. The soil sample from just above the ground water interface should be collected for laboratory analysis of VOCs via EPA Method 8260.

2) At a minimum 4 additional monitoring wells must be installed off-site to delineate the down gradient extent of the plume and sampled for VOCs according to EPA Method 8260.

3) Since the planned construction is a residential building, the Department also requires at a minimum 4 soil vapor probes to be installed beneath the adjacent sidewalks and collection of soil vapor samples for analysis of VOCs according to EPA Method 10-15 in order to determine if there is a potential for vapor intrusion. The soil vapor probes and soil vapor samples should be installed and collected in accordance with the New York State Department of Health (NYSDOH) Soil Vapor Intrusion Guidance which can be found the NYSDOH website at http://www.health.state.ny.us/environmental/investigations/soil_gas/svi_guidance/.

12/13/06 - Obligado - Spoke with Paul Stewart. Paul thought that we would probably get better more representative soil gas data if we did the vapor sampling after the contaminated on-site soils are excavated. I agreed and sent a revised letter with out requirement 3. Emailed letter to Paul Stewart.

1/3/07 - Obligado - Delivery confirmation, received December 28, 2006.

4/23/07 - Obligado - Phone call with Paul Stewart. I informed him that the investigation report was overdue. He said site owner

is preparing to develop the site and do the required work. They will do 4 soil borings, 4 soil vapor probes, and 4 off-site monitoring well installations. He requested a sidewalk opening permit. I send him the letter.

7/2/07 - Obligado - Sent email to Paul Stewart inquiring status of investigation.

7/12/07 - Obligado - Email from Stewart - "I received a signed contract to perform the additional soil, soil vapor and ground water sampling activities. We will initiate work on this project immediately. I will contact you in the next two weeks to schedule field work once the sidewalk opening permits have been issued. Please contact me if you have any questions in the interim."

7/18/07 - Obligado - Received phone call from Mr. Gerasimou. He has authorized Paul Stewart to do the work.

9/19/07 - Obligado - Email from Tomasello ASr "I am writing to inform you that Advanced Site Restoration, LLC (ASR) hasbeen retained by Mr. Angelo Gerasimou to perform the work required in you letter of July 2, 2007 on the above referenced property. ASR will immediately undertake the installation of the four (4) off site groundwater observation wells and perform a minimum of 6 soil borings on the subject property. On behalf of our client, ASR is requesting an extension of the August 15, 2007 time deadline in order to enable us to
properly perform this work and provide it to you in report form. Please let us know if this request has been granted. Thank you for your patients on this matter."

10/30/07 - Obligado - Email from Tomasello saying he is not working for Mr. Gerasimou

11/26/07 - Obligado - Called Mr. Gerasimou to find out what was going on at the site. He conferenced in Mr. Stewart, whoh he said is still working for him. I told them that I want the Investigation Summary Report by January 2, 2007, otherwise I would enforce immediately. Paul said that he already filed for the permit applications.

12/17/07 - Obligado - Received an email from Stewart, they conducted the field work but they are still waiting on ground water analyticals. He requested an extension until 1/14/08. He included some preliminary soil boring analytical results. I approved of the extension request.

1/15/07 - Obligado - Spoke to Paul Stewart, he said he has all the data and will submit the ISR shortly

1/23/08 - Obligado - Email from Paul Stewart submitting the ISR.

2/19/08 - Obligado - Reviewed ISR. It documents installation of 4 offsite wells and 6 onsite soil borings. All offsite wells were ND for BTEX and MTBE. Onsite soil borings had significant concentrations of VOCs in 3 of 6 borings, SB2, SB5, and SB6. The other 3 borings were below standards. The ground water flow direction is to the west/southwest. The plume is well delineated. Emailed ISR approval letter to Paul Stewart.

6/4/08 - Obligado - Completed review of RAP and RAP Addendums. Addendums incorporate previous and required modifications discussed with Paul Stewart of ATC. RAP proposes excavation to below smear zone to 15 ft bgs. Also dewatering and discharge to sewer with NYC discharge permit. Piles and lagging will be installed around entire site. Development will consist of 7 story commercial/residential building. Building will cover this lot and the adjacent lot. Depth to foundation slab is ~12 ft bgs which means slab will possibly be belwo water table. however building plans not final. Plan proposes ORC/regenox application to soil

at base of excavation, installation of vapor barrier, sub-slab depressurization, and post remedial monitoring. If impacts remain in groundwater then enhanced bioremediaion plan will be submitted. Sent approval letter to Angelo Gerasimou, cc to Stewart and to NYCDEP as this is an E designated site. Vapor mitigation details will be submitted under separate cover.

9/12/08 - Obligado - Called Paul Stewart to check on RAP implementaion. According to Paul, nothing has been done. I called Mr. Gerasimou to find out why. I left a message on his machine.

12/8/08 - Obligado - Sent email to Paul Stewart requiring RAP implementation schedule within 10 days and immediate implementation of gw montiorign program.

12/9/08 - Obligado - Received voice mail from mr. Gerasimou.

12/12/08 - Obligado - Called back Mr. Gerasimou. Left message to call back DEc.

2/25/09 - Obligado - Spoke to Paul Stewart. We agreed he will submit QMR, Project Schedule, and development plans on 3/15/09. According to Paul, the development plan has changed, only excavating to 7 ft for construction, but they will over excavate in contaminated areas. This may change vapor mitigation plans.

3/16/09 - Obligado - Received QMR, but not development plans or schedule. Sent letter to Gerasimou requiring development plans and schedule within 15 days or the case will be referred to legal. CCd Paul stewart and JOhn Urda.

4/14/09 - Obligado - Email from Stewart, he says the development plans are not changed. I replied that I still needed Vapor mitigation/sub-slab piping plan within 15 days. Paul Stewart submitted a letter stating that excavation is scheduled to start within 90 days. Vapor/SS Piping plan swill be submitted depending on the results of the excavation endpoint sampling. He also provided subway drawings of the subway and LIRR line that runs under 41st street.

7/3/09 - Obligado - Emailed Paul Stewart to confirm that excavation was scheduled to start within 2 weeks.

12/17/09 - Obligado - No monitoring reports ahve been received or updates on remediation. Called Paul Stewart to inquire about site status. I spoke to Paul Stewart. He is still working with DEP on getting a dewatering permit. The last quartelry sampling event was conducted in August. I informed him that according to RAP Gerasimou is required to due quartelry monitoring and they are out of compliance. He will submit the report by the end of the month and sample again in January.

1/15/10 - Obligado - Called Mr. Gerasimou, left voice mail message to call back DEC. Researched property shark records. On 2/10/09, AM Properites of NY ,LLC (Gerasimou) sold the property to Queensboro Developmnet LLC, 22-60 46th Street, Astoria, NY 11105.000

1/15/10 - Obligado - I called Paul Stewart to discuss the site. He said he believes Gerasimou is still involved and working with another company who he thinks is called Mega Contracting. The address is the same as the Queensboro Development.

2/17/10 - Obligado - I called Mr. Kokinakis of Mega Contracting, who is the constractor working with Mr. Gerasimou on the project. Mr. Kokinakis said they are still planning on going ahead with the project and that they would implement the RAP as proposed. He said that Paul Stewart has done another round of ground water monitoring and will submit a report shortly. Additionally, Paul Stewart collected ground water samples for ph analysis for DEP discharge permit. They are still actively

pursuing the discharge permit.

4/11/11 - Obligado - I spoke with Paul Stewart. He said they are planning on starting construction within a month. He said he would submit subslab vapor mitigation plans.

6/13/11 - Obligado - I reviewed and approved the SSDS plans.

10/17/11 - Obligado - I received a call from Ike Anyanwu from the DEP hazmat unit. They received a call on Friday from an anonymous citizen about odors coming from this site. They responded to the site and upon arrival to the site they didn't smell any odors. There were a crew installing piles at the site but no excavation.

I called Paul Stewart regarding the site. He said the secant wall 75% completed. They are now focusing on gasoline portion of the site. A CAMP is in place. AMSCA is doing secant wall installation. I asked him about the odor complaint and he sudggested there was a disgruntled employee who called a complaint. Upon further discussion about the site Paul Stewart revealed that there was an explosion at the site a couple weeks ago. Upon drilling at a depth of 15 feet, his field tech reported an explosion. I attempted to contact Mega Contracting's Jon Cruickshanks (917) 559-1010 to get more information but he was unavaiable. I left a message to call back the DEC.

10/18/11 - I made for phone calls to figure out what happened. I spoke with Tom Young, who is the site supervisor for Mega. He described an incident during the wecant wall installation. They hit a void that had gas which caused an explosion. According to Jon, the MTA inspector Walter Clark determined that subway was ok. The site safety Officer for Micahel Iovinne also determined work could resume. They resumed drilling after 45 minutes. The incident occurred on 9/23/11. He showed me video of the incident. I called Walter Clark (646) 772-7365. According to Walter, the explosion was "away from the tunnel" and it "didn't effect anything". Ask asked him if he was concerned about the subway and he said no. I went to the site and secant wall drilling was on-going. I didn't notice odors at the site perimeter. When I got in the site I did notice odors. They were in the process of drilling in the contaminated area and contaminated soil was being stockpiled at near the center of the site. I spoke with Tom Young in person. He showed me video of the event. He confirmed that the explosion occured at 16 ft depth at secant pile #84, immediately adjacent to the subway line. I asked them if there was anything they could do during drilling to possibly avoid similar incident and he said they could drill more slowly in that area, but he didn't think it would have much affect. Regarding the odors, I directed him to cover contaminated soil stockpile at the end of the day due to odors. I also directed him to keep me informed of any future incidents and notify me when they drill close to the gas pocket area again. I also spoke to the MTA representative. I asked him if the subway line was inspected. He said no, that they only inspect before the job and after the job. I asked him why they didn't inspect due to explosion, and he said because there were trains running. I also spoke with Yipeng. He was performing vapor monitoring. According to Yipeng, PID readings away from the work area were 0.0, however, readings from in the top of the hole were about 2500 ppm. I also advised Yipeng to keep me informed of any incidents and gave him my contact information.

10/19/11 - Obligado - I called the MTA Office of System Safety and spoke with Clair Sammon. I informed her of the incident which occured near the MTA subway. She said she would look into it.

10/21/11 - Obligado - I received a voicemail message from Michael Mandac at OER. I called him back and left a message.

10/26/11 - Obligado - I emailed a new Stipulation Agreement to the new property owner, Queensboro Development LLC. Required signed Stip within 15 days.

12/5/11 - Obligado - Stip executed by Lannon.

12/7/11 - Obligado - I emailed an executed copy of the Stip to Paul Stewart.

12/8/11 - Obligado - I was informed by Paul Stewart that they had completed the excavation in the western contamination portion of the site, where the former gas station was. I met Paul Stewart on-site to collect endpoint samples. Tom Young and John Cruishanks from Mega were also on-site. The excavation had reached depths of up to 16 ft bgs in some locations where footings were installed. In areas where footings were not installed, the excavations were not as deep. Some endpoint samples were collected. In areas with high PID readings I asked the contractors to do test pits to see how far contamination extended down. In the northwestern corner of the site, a test pit showed that greyish black contaminated soil extended an additional 3 feet down. According to the RAP, if contaminated soil was present at the base of excavation, oxidants would be applied to treat residual contamination. It was agreed that it was more expediant just to dig the extra 3 feet. In the south central potion of the site, in between two footer areas, a unexcavated soil mound was still present. I instructed Mega to do another test pit there. Black grossly contaminated soil was present just below the excavation bottom surface and extended 3 to 4 feet down in this area (photo in edocs). MEga will do additional excavation to remove the grossly contaminated soil in this area toas well. They will do the additional excavation this afternoon and tomorrow morning.

12/8/11

Map Identification Number 21 **21ST ST & 41ST AVE** **Spill Number: 9500744** **Close Date:**
21ST ST & 41ST AVE LONG ISLAND CITY, NY TT-Id: 520A-0123-721

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2075 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 41ST AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	MR. CRIBBIN	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/19/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

OIL UP THROUGH STREET

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
Tibbe (initial responder): Leak due to weld failure on 20" #6 oil pipeline. Originally reported as <10 gallons. Still have not found the leak location, but have general idea. Have dug test pits - found product.

APPENDIX B SITE 4.

7/16/04: Con Ed submitted copy of notification letter to NYCDEP: Leak amount approx. 250 gallons. "A cleanup contractor removed oil and sand from the road surface and removed oil-contaminated soil from the excavations. A mobile oil/water separator is on site to remove water which is entering the excavations from an unknown source. The DEP is investigating the source of the water infiltration. Final repairs to the fuel oil piping have been completed and testing is being scheduled with the New York

Fire Department."

Map Identification Number 22 **BETWEEN 35TH & 36TH ST** **Spill Number: 0306439** **Close Date:**
35-09 31ST ST QUEENS, NY TT-Id: 520A-0124-882

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2125 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 3509 31ST ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:	DISPATCHER 815	Caller Agency:	NEW YORK CITY FIRE QUEENS	Caller Phone:	(718) 476-6261
DEC Investigator:	AXDORONO	Contact for more spill info:	MARTA MARTONE	Contact Person Phone:	(917) 887-0837

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/18/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	7.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

there is a quart of oil there & they need someone to check & see if it went into the sewer or not - they received the call from con ed

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
9/18/03 1246 Hrs DDO Sawyer talked to Tony Peretta of Mystic Transportation and he recapped that his driver created this spill by delivering to the neighbor of intended customer who had their tank removed. A few gallons were pumped onto the basement floor before he realized it was the wrong address. Mystic sent out cleanup team and assured me that it was clean. I will check with the building supervisor to make sure its clean.

9/23/03 Tipple spoke with both Mystic's Tony Perretta and the impacted party Marta Martone 917-887-0837. Mystic stated that they believed that the spill had been cleaned, Marta stated that oil ran behind the sheetrock wall and into the washer and dryer. I called Marta's cell # and requested a scheduled site visit to inspect the site.

9/24/03 Tipple scheduled a site inspection at 4:30 pm on the 22nd

There was abundant olfactory evidance that the oil was not yet completely removed. Upon removing a small section of sheetrock below the spill area, it was obvious that the sheetrock had been inpacted and needed to be removed. The washer and dryer appear to have been cleaned.

Tony Peretta was contacted and he will continue with the cleanup efforts.

11/06/06: This spill is transferred from Mr. Koon Tang Q.Abidi.
Called at (917)887-0837 and left message to call me back. -QA

02/06/07: Called at (917)887-0837 and left message to call me back. -QA

03/12/07: Called at (917)887-0837 and left message to call me back. -QA

07/06/07: Called at (917)887-0837 to discuss regarding spill. No one was there left message to call me back. -QA

09/18/07; Called Marta Martone at (917)887-0837 to discuss regarding spill She was not there left message to call me back. -QA

06/26/2008: This spill case was transferred to A. Doronova. - AD

Map Identification Number 23 **GASETERIA** **Spill Number: 9912794** **Close Date:**
30-05/30-25 QUEENS BLVD LONG ISLAND CITY, NY TT-Id: 520A-0135-516

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2160 feet to the SSW

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

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MARCELLO PORCELLI - GASETERIA Spiller Phone:
Notifier Type: Other Notifier Name: MOHAMED AHMED Notifier Phone: (212) 340-9812
Caller Name: MOHAMED AHMED Caller Agency: AKRF INC Caller Phone: (212) 340-9812
DEC Investigator: aaobliga Contact for more spill info: ELIZABETH TREMAINE Contact Person Phone: (718) 472-6800 ext. 6

SPILL LIEN INFORMATION -- Note: PIN is Project Id Number; OAG is Office of Attorney General; Nat. Code is National Code

PIN	Amount of lien	Property Owner	Date lien request rec'd from OAG	Date lien request sent to Nat. Code	Date filed lien rec'd from Nat. Code	Date copies mailed to OAG	Date release requested from OAG	Date executed release sent to OAG
01359	208924.35	Palmana Realty Corp.	09/24/2003	09/25/2003	11/15/2006	11/17/2003		

PIN	Amount of lien	Property Owner	Date lien request rec'd from OAG	Date lien request sent to Nat. Code	Date filed lien rec'd from Nat. Code	Date copies mailed to OAG	Date release requested from OAG	Date executed release sent to OAG
01359	113283.14	Palmana Realty Corp.	11/28/2006	11/28/2006	03/08/2007	03/13/2007		

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/09/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information

UNKNOWN PETROLEUM	UNKNOWN	0	GALLONS	0	GALLONS

Caller Remarks:

VERY STRONG ODOR AT PHOENIX HOUSE BELIEVED TO BE CAUSED BY GASTERIA

WHICH IS ADJACENT TO THEIR PROPERTY-39PPM ON PID METER.

RECOMMENDATION TO SEAL HOLES IN THE WALL WHILE LOCATION OF SPILL IS

BEING INVESTIGATED. REQ CALL BACK FROM DEC REP. 718-956-8185

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"
09/25/2001 - Mr. S Falvey from EAR asked that the September air sampling be postponed till October due to lack of air sampling equipment. The equipment needed is not available because of the WTC disaster. I gave him the OK to postpone the sampling till October. wtc

see also 9814153

10/29/03 letter to Marcello Porcelli, Gaseteria Oil Corp:

New York State Department of Environmental Conservation (Department) has reviewed the June 2003 Remedial Action Plan (RAP) received by the Department on October 17, 2003. Concentrations of gasoline constituents in the groundwater, soil and impacting the indoor air quality of the Pheonix House warrant a more aggressive soil and groundwater remediation system than the proposed enhanced natural attenuation. The Department is requiring that a revised Remedial Action Plan be submitted before November 20, 2003. Rommel

11/6/2003-Vought-Spill transferred from Rommel to Vought. Spoke with Muller who performed site visit on 11/6/03. Muller checked basement of Phoenix house and PID readings and olfactory evidence was non-detect. No groundwater present in basement and SVE system was operational.

1/14/2003-Vought-File review by Vought:

Letter from Gaseteria Oil Corp(Angel Chang) to DEC-11/18/94. Letter notifying DEC of upcoming tank test date for two(2000-gallon) gasoline USTS, three(4000-gallon) gasoline USTs and one(4000-gallon) diesel UST.

PBS Site Inspection Report-10/10/95. "Sheen on drywell near Queens Blvd.". "Contaminated soil was found within the fill box for the 89+ gasoline tank". Report also noted malfunction of dispenser #4 in addition to dispenser #8(see spill #9416874).

Letter from DEC(Rommel) to Gaseteria(Chang)-12/21/95. "Due to the apparent petroleum releases.....this site has been added to Schedule B, Petroleum Discharge and Cleanup Violations, of the Order of Consent, DEC index No. R2-0007-94-04".

Site photographs and letter from Carl Sulfaro(attorney)-12/17/96. photographs submitted of cleaning and painting of fill boxes and drywell and request closure of corresponding spill numbers.

Letter from DEC(Rommel) to Gaseteria(Roberto Porcelli)-3/1/99. "On 2/24/99 DEc received a complaint that gasoline vapors had impacted the commercial building at 29-00 Northern Blvd. On 2/25 and 2/26/99 "gaseteria sealed the basement wall of the adjacent building with concrete. On 3/1/99, after Gaseteria sealed the basement wall, DEC's PID still detected very high levels(>900ppm) inside cracks in the wall. DEC required:1)installation of three monitoring wells (two wells along east side of property and the third near the northeast corner of the tank field) BEFORE 3/15/99 2)installation of an interim vapor abatement system if necessary BEFORE 3/30/99 3)a summary report of the investigation to the DEC by 4/15/99.

Email from DEC(Rommel) to Attorney General's Office-3/8/99. "The gasoline vapors in the neighboring basement lessned after the second sealoing of the basement wall with epoxy. Ambient air readings were down to non-detect. Unfortunately, today(monday) DEC received complaints that the gasoline vapors were very strong". Roberto Porcelli left Rommel a message that work would start 3/9/99 at 9am.

Letter from DEC(Rommel) to Gaseteria(Roberto Porcelli)-3/8/99. "On 3/8/99 DEC received another complaint that strong gasoline vapors have collected in the basement.."DEC is not mandating the immediate installation of the monitoring wells and emergency vapor abatement system by 3/9/99." "If the work is not started immediately, or if the work is not completed before 3/9/99 DEC will use money from it's Oil Spill Fund...".

Letter from Friedland, Laifer and Robbins(Seth Friedland) 3/10/99. "Gaseteria has already taken several steps to investigate and address the problems you described" "One of the factors apparently exacerbating the situation I am told, is the fact that the Phoenix House engineers and HVAC consultants in their recent planning and installation mistakenly located their air conditioning intake valve in the basement of the side of the property abutting the gas station. This condition apparently sucks vapors from and through the adjoining underground." "Gaseteria has hired EMS Environmental and Miller Environmental...to assist them in doing the required work, including the drilling and installation of monitoring wells".

Ultility Clearance from ATT Cable Hazard Center-3/10/99. "This is to notify you that ATT is clear .....".

Fax Cover Sheet from DEC(Rommel) to Friedland-3/10/99. "Attached please find Final Notification of Gaseteria's responsibilities regarding the gasoline vapor problem at 29-00 Northern Boulevard prior to the State hiring a contractor to do the necessary work". Letter from DEC(Rommel) to Gaseteria(Oscar Porcelli)-3/10/99. "This letter serves as final notification of your obligations..." "On 3/9/99 Gaseteria attempted to install the monitoring wells with a pneumatic hammer drill they use to install cathodic protection at their stations...." "Gaseteria's equipment was inadequate to install the necessary wells.." "Gaseteria was directed to hire a contractor capable of performing the necessary work..."If DEC does not receive written notification by 1:30 today from a consultant hired by Gaseteria..." "DEC will have a state funded contractor onsite the morning of 3/11/99 to perform this work."

Field Notes from DEC(Rommel)-3/12/99. Rommel onsite and met with Lionel (Gaseteria Employee) who will arrange trench excavation. Vapors present in basement of 29-00 Northern. Porcelli arrives onsite and says "work was not done today, doesn't have the manpower to do it". Backhoe arrived later on-site and trench excavation began. Oscar will install eight venting wells and system will be started by monday at noon". Rommel required:1)write up on activities 2)sampling for delineation purposes. Rommel updated Phoenix House(Steven 718-726-8484x302).

Mail from Gaseteria to Rommel-3/16/99. Tank tightness test results sent to Rommel.

Email from DEC(Rommel) to Gerry McDonald(NYSDOH)-6/99. Email sent stating that DEC had GC/MS Tenax Tube Analysis results from EMS that include BTEX and MTBE. "Please advise on the acceptable indoor air guidance values for a commerical building".

Email from McDonald to Rommel-6/25/99. Email informing DEC that lab that performed indoor air analysis must be ELAP certified.

Fax to DEC(Rommel) from Camin Cargo Control(Patty)-8/10/99. Fax of groundwater and soil results from on-site wells. Groundwater analyticals show 3725ppb MTBE(MW1), 12020ppb MTBE(MW2), 99ppb benzene(MW2), 33ppb benzene(MW3) and 11ppb and napthalene(MW3).

Letter from DEC(Rommel) to Gaseteria(Roberto Porcelli)-9/14/99. "The enclosed test (sent 3/16/99) reports that were submitted to the Department are being returned to you because the test was not performed within the procedures defined by the manufacturer". Ullage was too high and a separate line test was not performed.

Site Inspection by DEC(Tomasello)-2/10/99. Site inspection resulting ing DEC requiring: 1)"Divert VES valve to the inground section" 2)epoxy the basement wall at Phoenix House 3)within two weeks install two wells in between pump and the Phoenix wall(west side of tanks) and one well on the wouth site of kiosk south of tanks. Requirements given to Roberto Porcelli in form of on-site requirement letter. Letter also given to Gaseteria requiring inspection and tightness testing of tanks.

Status Report from EFS(Charles Nehrig 631-912-9225) to DEC(Tomasello)-2/16/00. As of 2/10/00 the Vapor extraction system(VES) was altered to drivert the blower intake to the inground section of the VES. The basement portion (Phoenix House) of the VES was shut off and is no longer operational. Monitoring of the VES exhaust was conducted on 2/100. "Monitoring of the Phoenix House basement on February 11, 2000 confirmed that there was a reduction in the VOC readings". Existing facility wells were sampled and monitored. Product lines associated with the dispensers located adjacent to the Phoenix House were tightness tested on 2/11/00. Associated tank tightness tests have been scheduled. Epoxy coating has been ordered. Delivery is pending.

Letter from Phoenix House(Fredric Goldstein) to DEC(Tomasello) 2/22/00. "We are writing to stress our ongoing concern over elevated levels of petroleum vapors at our facility". "The followng is a brief outline of the chronology of events as they relate to the impact of Gaseteria's operations on our facility". "In particular, on February 9, 2000, AKRF detected elevated organic vapor meter levels as high as 39ppm at our facility". "We would be pleased to assist DEC in any additional investigation ".

Letter from AKRF(Mohamed Ahmed) to Phoenix House(Steven Tortorici)-2/28/00. Starting 2/18/00 until 2/25/00, AKRF monitored indoor air quality of the subcellar storage area via OVM meter. OVM readings were up to 11ppm. "During the indoor air monitoring AKRF observed that the soil vapor extraction system installed on the adjacent Gaseteria gas station was not running". "the SVE installed on the Gaseteria gas station must run all times..."

Stipulation Agreement from DEC(Rommel) to Gaseteria(Roberto Porcelli)-3/2/00. Stipulation included CAP: 1)tightess test all tanks 2)implementation of a monthly indoor air sampling program 3)submission of a completed SVES data sheet for the interim vapor abatement system 4)submission of an investigation plan of on and offsite delineation 5)respondent shall conduct work in investigation plan 6)submission of a RAP 7)approved RAP will be made part of Stipulation 7)respondent shall obtain all necessary drilling permits 8)OMM guidlines will be adopted.

Status Report (EFS Charles Nehrig)-3/22/00. 1)basement walls of Phoenix House were sealed 2)all five gasoline USTs have been upgraded with OPW Fueling Components and below grade spill containments have been upgraded with OPW 2100 Series Spill Containment Manholes 3)all facility tanks and piping were tightness tested and passed 4)a line test is scheduled for 3/29/00 5)the facility site drainage has been completely renovated (previous drainage system have contributed to vapor migration into adjacent basement) 6)first round of indoor air sampling has been scheduled 7)EFS will submit draft SVES data sheet 8)Groundwater sampling will take place 3/30/00.

Email from Rommel to Tomasello-3/27/00. "Their 14 day timne limit to sign the stip expired a week ago 3/20". Gaseteria was onsite on 3/16 testing the regular unleaded tanks. Gaseteria was performing CAP procedures without signing the Stipulation.

Site visit to Phoenix House-4/6/00. Site visit in response to vapor complaints and discovered PID readings of over 1200ppm inthe basement. Later that afternoon DEC staff discussed the situation and decided to hire a state funded contractor.

Letter from Steven Hightower(attorney working with Friedland) to DEC(Oliva)-4/7/00. Hightower wrote to DEC to request that DEC rescind its decision to hire a cotnractor to investigate the site and authorize the contractor hired by Gaseteria to investigate and remediate the site due to "GOC has acted in a reasonable and prudent matter".

Letter from EFS(Nehrig) to Friedland-4/7/00. "The following is a list of dates and times that I had conversations or attempted to make contact with Jennifer Rommel." 2/29/00-left message 2/29/00-conversation with Rommel who informed him Stipulation was initiated 2/29/00-left message 3/8/00-left message 3/9/00-left message 3/10-left message 3/10/00-received return message from Rommel 3/13/00-left message 3/13/00-discusssed 3/2/00 letter with Rommel 3/27-left message 3/29-left message 3/30-left message 3/31-left message.

Letter from Hightower to DEC(Oliva)-4/12/00. "I am enclosing a copy of a memorandum dated April 17, 2000 from Charles Nehrig.." which lists the numerous contacts above which supports the clients contention "that DEC has treated GOC unfairly in this matter".

Letter from DEC(Oliva) to Hightower-4/25/00. Letter sent in response to letters dated 4/7 and 4/12/00. "The DEC is not required to give any party notice of its decision to hire a State contractor" and after remediation the DEC will refer the case to the Attorney General.

System Assessment Report (Environmental Assessment and Remediations(EAR) -Michael Dany-516-447-6400)-April 2000. Inital site visit on 4/6/00. Inspection of the system constructed by Gasteria resulted in following conclusions: 1)no sample ports for system were present, a noticeable odor was detected near the fan discharge 2)PID readings in the basement were up to 2000ppm. The followning day EAR 1)installed a sampling port and gauged wells for product 2)upgrade SVES system by installing a larger blower and installing a moisture trap 3)installation of a electrical conduit for the larger blower 4)system evaluation. Results of the new system configuration resulted in reduction of vapor levels from 2000ppm to 11.5ppm.

Air Analyticals from Indoor Air analysis (Pedneault Associates John Pendeault 516-467-8477) - 5/16/00. Analysis of air sample collected from Phoenix House on 5/2/00. Analyticals show 1.7ppb benzene, 1.7ppb ethylbenzene, 4.5ppb methylene chloride, 34ppb MTBE and 9ppb toluene.

Letter from Gaseteria(Miguel Hernandez) to DEC(Martinkat)-5/8/00. Letter sent requesting a new PBS certificate to a tank test on 3/29/00.

Fax from EAR(Dany) to DEC(Rommel)-5/23/00. Fax of updated site plan including a total of three new proposed well locations.

Project Status Report (EAR)-April 2000 thru June 2000."The groundwater gradient within this area was shown to be very shallow, essentially flat". Site is undergoing: 1)biweekly well gauging 2)monthly groundwater sampling 3)monthly SVES treatment system sampling 4)monthly indoor air sampling. No free product detected in wells. Groundwater was sampled on 5/2/00 and 6/19/00. As requested by the DEC on 5/2/00 six additional monitoring wells were installed with collection of soil and groundwater samples. Report concludes: 1)The vapor abatement system upgrades have reduced indoor odors 2)indoor air sampling results have shown decreasing concentrations of BTEX compounds. "Additional upgrades to this system could further reduce indoor odors and soil vapor levels. Recommended expansion would include extraction of vapors from wells located closer to the source area". "Additional monitoring points would be required to further delineate the plume northeast of the station property". Groundwater analyticals show 1500ppb MTBE(MW1), 3100ppb MTBE(MW2), 25ppb MTBE(MW3), 1200ppb MTBE(MW8). Soil analyticals show no TAGM 4046 Soil Cleanup Objective exceedances from MW4 thru MW8 installation.

Indoor Air Sampling Results-Pedneault-Samples collected 8/17/00. Analyticals show up to 1.1ppb benzene, 1ppb ethylbenzene, 3.6ppb MTBE. 5.0ppb toluene and 3.1ppb xylene

Project Status Report-EEA-July 2000 thru Sept 2000. "As requested by the NYSDEC on May 2, 2000, EAR conducted a subsurface investigation of the Gaseteria property to delineate the extent of soil and groundwater contamination. During the course of this investigation, six additional monitoring wells were installed." A subway tunnel borders the property to the west and extends to a depth of 25' and may be affecting local groundwater flow gradients. Well data shows flow to the south. No free product detected in wells. Sampling program consists of weekly/biweekly well gauging, quarterly groundwater sampling, monthly influent and effluent sampling and monthly indoor air sampling. Recovery of SVES system for quarter is 14.45lbs of MTBE and recovery to date is 43.21lbs of MTBE. Review of historical indoor air concentrations show decreases in MTBE levels from 4.81ppbV to .5ppbV. "Recommended expansion would include the extraction of vapors from wells located closer to the source area, such as MW, MW8 and tank pad wells." "Additional monitoring points would be required to further delineate the plume top the northeast of the station property". Depth to water is 15-17'. Groundwater analyticals show up to12ppb benzene(MW), 10000ppb MTBE(MW1), 20ppb benzene(MW2), 3300ppb benzene(MW2), 880ppb MTBE(MW), 10ppb MTBE(MW4), 68ppb MTBE(MW7), 320ppb benzene(MW8) and 3600ppb MTBE(MW8). SVE Blower effluent 9/14/00 shows 4800ug/m3 MTBE and 73ug/m3 benzene. Indoor air samples from 9/19/00 show non detect with respect to BTEX and MTBE.

Indoor Air Sampling Results-Pedneault-Samples collected on 11/21/00. Analyticals show up to 5.2ppbV benzene, 9.ppbV ethylbenzene, 23.8ppbV toluene and 27ppb xylene in the northeast corner of basement.

Email from EAR(Michael Dany) to DEC(Rommel)-11/22/00. A light gasoline odor was noticed along the eastern wall of the baement with PID readings up to 2000ppb. Strong gasoline odors also eminated from MW2 and the tank pad well adjacent to it. SVES system was operating at time of site visit.

Email from EAR(Dany) to DEC(Rommel)-12/7/00. Follow up site visit conducted on 11/28/00 and PID readings ranged from 0 to 2.8ppbV with no signs of odors. "The Phoenix House maintenance man, "Joe" also said that he had not noticed any significant odors in the last two weeks"

Indoor Air Sampling Results-Pedneault-Samples collected 12/28/00. Analyticals show up to 1.3ppb MTBE. 2.4ppb toluene and 1.4ppb xylene.

Project Status Report-EEA-Oct 2000 thru Dec 2000. "Monitoring data obtained from this site during this quarter, suggest a general groundwater flow direction to the southeast". No free product detected. Soil vapor extraction system and indoor air was sampled. Biweekly site visits as requested by DEC. Monitoring activities included draining SVE blower moisture trap, taking PID readings of blower exhaust stack, obtaining air flow readingss from SVE blower exhaust stack, obtaining SVE blower vacuum readings, record system run time from the hour meter, inspect condition of wells and manholes. Odors were detected in basement of Phoenix during routine monitoring on 11/21/00. Highest PID readings were "noted along the top of the foundation wall, between the floor joists, in the far northeast corner of the building". Strong gas odor from MW2 and the tank pad well adjacent to it. "Recommened expansion would include the extraction of vapors from wells located closer to the source area, such as MW2 and MW8 and tank pad wells". Report also recommends delienation to the northeast offsite. Depth to water is 15-17'. Groundwater analyticals show 12ppb benzene(MW1), 170ppb benzene(MW2), 53ppb benzene(MW3), 70ppb MTBE(MW7) and 910ppb benzene(MW8). Indoor air sampling results show non detect in 12/00.

Project Status Report-EAR-Jan 2001 thru March 2001. Groundwater flow to the southeast. No free product in wells. Same SVES operations and maintenance schedule as previous status report. Report recommends delienation to the northeast and expansion of the SVE system to MW2 and MW8. Groundwater depth from 16-18'. Groundwater analyticals show 910ppb MTBE(MW1), 160ppb benzene(MW2), 44ppb benzene(MW3), 35ppb benzene(MW7), 280ppb benzene(MW8).

Project Status Report-EAR-April 2001 thru June 2001. Groundwater flow to the southeast. No free product in wells. Same SVES operations and maintenance schedule as previous status report. Recovery to date is 97.61lbs of MTBE and 3lbs of BTEX. . "Although the hydraulic gradient is shallow, plume migration contril should be considered to prevent adjacent commercial buildings and subway tunnels from being impacted". "The implementation of a groundwater treatment system is recommended". EAR suggested use of granulatd activated carbon and portable pumping system. Report recommends expansion of SVE system, delineation to the northeast and implementation of a interim pump and treat system. Groundwater depth from 16-18'. Groundwater analyticals show 210ppb MTBE(MW1), 350ppb benzene(MW2), 320ppb benzene(MW3), 89ppb benzene(MW7), 570ppb benzene(MW8).

Project Status Report-EAR-July 2001 thru Sept 2001. Groundwater flow to the southeast. No free product in wells. Same SVES operations and maintenance schedule as previous status report. Recovery to date is 106.08lbs of MTBE and 3lbs of BTEX. "Although the hydraulic gradient is shallow, plume migration control should be considered to prevent adjacent commercial buildings and subway tunnels from being impacted". "The implementation of a groundwater treatment system is recommended". EAR suggested use of granulated activated carbon and portable pumping system. Report recommends expansion of SVE system, delineation to the northeast and implementation of a interim pump and treat system. Groundwater depth from 15-17'. Groundwater analyticals show 37ppb MTBE(MW1), 1100ppb benzene(MW2), 110ppb benzene(MW3), 350ppb benzene(MW7), 820ppb benzene(MW8).

Project Status Report-EAR-Oct 2001 thru Dec 2001. Groundwater flow to the southeast. No free product in wells. Same SVES operations and maintenance schedule as previous status report. Recovery to date is 120.27lbs of MTBE and 5.3lbs of BTEX. Report recommends expansion of SVE system, delineation to the northeast, screening adjacent site for gasoline vapors and implementation of a interim pump and treat system. Groundwater depth from 15-17'. Groundwater analyticals show 170ppb benzene(MW2), 33ppb benzene(MW3), 1600ppb MTBE(MW7), 150ppb benzene(MW8).

Granulated Acitivated Carbon Effluent analyticals Ecotest 2/22/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 2/28/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 3/05/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 3/12/02. GAC effluent samples for MW2 and MW8.

Letter from Gaseteria(Friedland) to DEC(Oliva)-3/12/02. "Please consider this our formal request to discontinue the DEC PIN contract..and to request that Gaseteria and it's consultant, Berninger Engineering...be permitted to complete all such services required".

Granulated Acitivated Carbon Effluent analyticals Ecotest 3/20/02. GAC effluent samples for MW2 and MW8.

Project Status Report-EAR-Jan 2002 thru March 2002. Groundwater flow to the southeast. Granulated Activated System Operation on a weekly basis started on 2/12/02 on MW2 and MW8 for approximately two hours each. "Influent and effluent samples are collected from the GAC system to insure the effluent concentrations are below the NYSDEC discharge guidelines". No free product in wells. Same SVES operations and maintenance schedule as previous status report. Recovery to date is 122.64lbs of MTBE and 6.03lbs of BTEX. Report recommends expansion of SVE system, delineation to the northeast and screening adjacent site for gasoline vapors. Groundwater depth from 15-17'. Groundwater analyticals show 130ppb benzene(MW2), 16ppb benzene(MW3), 300ppb MTBE(MW7), 330ppb benzene(MW8).

Granulated Acitivated Carbon Effluent analyticals Ecotest 4/04/02. GAC effluent samples for MW2 and MW8

Granulated Acitivated Carbon Effluent analyticals Ecotest 4/11/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 4/18/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 4/29/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 5/20/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 5/30/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 6/03/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 3/20/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 6/06/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 6/11/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 6/11/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 6/17/02. GAC effluent samples for MW2 and MW8.

Letter from Attorney General(Jennifer Dentinger) to Gaseteria-8/1/02. Letter requiring payment of remedial costs.

Fax Cover Sheet from DEC(Rommel) to Kathleen Gil-8/1/02. "Gaseteria Oil Corp is paying the property tax for 30-25 Queens Blvd.

There was no listing for 30-05 Queens Blvd."

Granulated Acitivated Carbon Effluent analyticals Ecotest

8/5/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest

8/18/02. GAC effluent samples for MW2 and MW8.

Fax Cover letter from DEC(Tipple) to Gaseteria(Roberto Porcelli)-8/20/02. DEC directed EAR to perform routine site visit check on 8/22/02. "Once the responsible party has entered into a legally binding contract assuming responsibility for the continued remedial work, the remedial efforts that are now carried out by the State contractor may be terminated".

Fax Cover letter from EAR(Falvey) to Gaseteria(Roberto Porcelli)-8/20/02. Notification to Gaseteria that EAR will be on-site on 8/22/02 to gauge wells and assess SVES system.

Letter from Seth Friedland to DEC(Tipple)-8/20/02. "I understood from my discussions with Mr. Oliva(DEC) in late March or April 2002 that Ms. Rommel approved GOC's retention of Berninger Environmental Inc. as proposed in my letter of March 12, 2002".

Letter from DEC(Oliva) to Friedland-8/21/02. "the NYSDEC State Contractor will continue with its remedial program at the Queens Plaza location until the Gaseteria enters into a binding, written agreement for completing the remedial action".

Letter from Berninger(Muller) to DEC(Rommel)-8/22/02. "Please contact us at your earliest convenience so we may arrange a meeting to discuss the ongoing and future activities at this site..."

Granulated Acitivated Carbon Effluent analyticals Ecotest
8/23/02. GAC effluent samples for MW2.

Granulated Acitivated Carbon Effluent analyticals Ecotest
8/29/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest
9/5/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest
9/12/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest
9/17/02. GAC effluent samples for MW2 and MW8.

Letter from Gaseteria(Friedland) to DEC(Oliva)-9/20/02. "it now appears that the DEC approved contractor is perhaps piling on and possibly performing unecessary work...". Additional request by Friedland to have Gaseteria take over remedial action.

Granulated Acitivated Carbon Effluent analyticals Ecotest 9/24/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 10/3/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 10/9/02. GAC effluent samples for MW2 and MW8.

Granulated Acitivated Carbon Effluent analyticals Ecotest 10/16/02. GAC effluent samples for MW2 and MW8.

Letter from DEC(Rommel) to Gaseteria(Friedland)-10/16/02. Letter sent in response to Gaseteria's request to assume responsiblity. "The Department would also like to see Gaseteria take appropriate and timely control of this discharge". "Therefore another Stipulation agreement has been enclosed for Gaseteria's signature". Stip due back to DEC before 10/31/02. "Due to the current potential for vapor migration into the adjacent commercial property, the Department's contractor will maintain operation of the vapor abatement system and all associated sampling". "If Gaseteria can demonstrate through implementation of the attached CAP that they are resposible enough to assume full responsibility for this site, the Department will revise the corrective action plan when appropriate".

Granulated Acitivated Carbon Effluent analyticals Ecotest 10/21/02. GAC effluent samples for MW2 and MW8.

Signed Stipulation Agreement-10/31/02. Stip signed by Oscar Porcelli.

Subsurface Investigation Workplan-Berninger Environmental(Steven Muller)-November 2002. Proposal for two geoprobe soil boirngs and five geoprobe water samples.

Letter from DEC(Rommel) to Gaseteria(Porcelli)-12/30/02. Review of the subsurface investigation workplan dated Nov 2002. The Department approved the plan with the inclusion of samples collected north of the kiosk, east of the kiosk, all six sampling locations must continue to the watertable and include soil and groundwater sampling, all sampling must include MTBE and additional sampling locations and or permanent wells may be required by the Department.

Letter from DEC(Rommel) to Gaseteria(Oscar Porcelli)-1/8/03. "Attached please finf the executed Stipulation Agreement effective 12/10/02".

Letter from DEC(Rommel) to Gaseteria(Oscar Porcelli)-1/10/03. Approval of the Nov 2001 Subsurface Investigation Plan pending the inclusion of samples north of the kiosk, east of the kiosk, all six sampling locations must continue to the water table and include soil and groundwater sampling, all sampling must include MTBE analysis and additional sampling locations and or permanent monitoring wells may be required by the Department.

Subsurface Investigation Report-Berninger-March 2003. Site is bounded by Northern Blvd to the west, Queens Blvd to the south, a commercial building to the north, and Long Island Railroad to the east. Groundwater flow to the southeast. Storm drain in the northeast portion of the property and in an interview with the site owner the drain bottom was sealed and connected to the

sanitary/storm water sewer system. Five Geoprobe borings performed to collect soil and groundwater samples. All borings performed on-site. Due to existing utilities located in the area north of the existing kiosk a boring was unbable to be performed between the tank pad and the Phoenix basement. While onsite a survey of adjoining properties was performed including buildings and properties to the north and the subway tube under Queens Blvd. Soil analyticals show no TAGM 4046 Soil Cleanup Objective exceedances. Groundwater analyticals show 58.9ppb MTBE(GP1), 5160ppb MTBE(GP5).

Letter from Attorney General(Jennifer Dentinger) to Gaseteria-6/19/03. Letter requiring payment of remedial costs.

Project Status Report-EAR-Jan 2003 thru June 2003. Groundwater flow to the southeast and no free product on-site. Same monthly operation and maintenance as previous project status reports. Run time to date is 22,212.8 hours. Recovery to date is 154.64lbs of MTBE, 8.94lbs of BTEX. Report recommends upgrading SVE to include vapor extraction from tank pit wells and monitoring wells located closer to the tank pad area, screening building to the north for vapors, offsite delineation to the northeast and southeast, installation of a groundwater treatment system. Groundwater analyticals show 5900ppb MTBE(MW2), 64ppb MTBE(MW3), 1400ppb MTBE(MW7) and 42ppb benzene(MW8).

Remedial Action Plan-Berninger-10/14/2003. "Soil investigation indicates that the contamination is limited to the tank bed area, minor concentrations in the area of the former remote fills and no off-site contamination exists other than the Phoenix House area". Berninger is recommending the use of enhanced natural attenuation enhanced by ORC. Berninger also recommened installation of a down gradient monitoring well network on the east side of the station in the area where GP1 was installed and the second between MW3 and MW7 but further east.

Project Status Report-EAR-July 2003 thru Sept 2003. Groundwater flow to the south/southwest and no free product on-site. Same monthly operation and maintenance as previous project status reports. Run time to date is 29300.6 hours. Recovery to date is 159.34lbs of MTBE, 12.13lbs of BTEX. Report recommends upgrading SVE to include vapor extraction from tank pit wells and monitoring wells located closer to the tank pad area, screening building to the north for vapors, offsite delineation to the northeast and southeast, installation of a groundwater treatment system. Groundwater analyticals show 410ppb MTBE(MW2), 260ppb MTBE(MW3), 1400ppb MTBE(MW5), 4300ppb MTBE(MW7) and 220ppb benzene(MW8).

Letter from DEC(Rommel) to Gaseteria(Marcello Porcelli)-10/27/03. "Concentrations of gasoline constituents in the groundwater, soil, and impacting the indoor air quality of the Phoenix House warrant a more aggressive soil and groundwater remediation system than the proposed enhanced natural attenuation." The Department requires a revised RAP be submitted before 11/20/03.

Revised Remedial Action Plan (Applied Geosolutions, Steven Muller 516-395-5957)-November 2003. Included soil investigation results from Jan 2003. Proposed method is bioslurping which employs vacuum enhanced extraction/recovery to remove groundwater, vapor extraction to remove vapors from the vadose zone and bioventing to stimulate biodegradation. "Piping to an air-liquid separator and to and air and water treatmentand/or discharge system are also connected through the slurp tube. Extracted vapor is directed to an air-liquid separator and then to an air treatment system. Groundwater drawdown is not required for the biolsurping system. Two extraction points will be installed, subsurface piping to each point and the "intallation of a dual phase extraction system". Extraction will also be performed from MW2, 3,5,7,8). "The manifolded pipe will be connected to a moisture trap where the liquid fraction of the air stream will be separated. The collected liquid will be pumped from the trap into a low profile air stripper(if required). The liquid is then discharged into the existing sanitary sewer connection. OM&M will consist of connections to offsite comuputers, monthly monitoring of groundwater discharge and vapor discharge, quarterly groundwater sampling. Reports will be submitted semi-annually.

1/23/2004-Vought-Reviewed Remedial Action plan with Rommel. DEC approves remedial action plan pending inclusion of:1)monthly project status reports 2)screening of adjacent property to the northeast of site 3)surrounding area site plan 4)feasibility of eventual connection of SVES system with bioslurp system. Vought sent email to Muller with above requirements. Upon discussion with Muller an approval letter will be sent by DEC with the above requirements.

1/27/2004-Vought-Received email from Muller which stated "I think a line can be run over to that system and tapped in when permission for takeover is granted". Muller will visit system daily for the first week, weekly for the first month, then monthly after that, status reports will be submitted monthly. Vought sent letter approving RAP pending inclusion of the above requirements.

2/25/04-Vought-Spoke with Muller and additional wells for system will be installed beginning 2/26/04.

8/3/04-Vought-New file review by Vought:
Project Status Report-Jan 2004 thru March 2004 (EAR). Received 6/4/04. "The monitoring data suggest a general groundwater flow direction trend towards the south/southwest during this reporting period". Monitoring consists of monthly well gauging, quarterly groundwater sampling, monthly SVE influent/effluent analysis and monthly indoor air sampling. Indoor air samples were collected from the northeast corner of the basement area and the other was obtained from within the classroom area". "SVE system was off during January due to freeze-ups from severe winter conditions". System was restarted in February. Recovery to date is 162.99lbs of MTBE and 12.61lbs of BTEX. "The laboratory analytical data...have shown that MTBE and BTEX compounds continue to impact the northeast corner and Group Room 4 areas of the basement". "Recommended expansion would include the extraction of additional vapors from wells located closer to the source area such as MW2 and MW8, tank pad monitoring wells, and the upgrade of vapor extraction wells near the foundation of the Phoenix House". "Additional monitoring points to the northeast and the southeast would be required to further delineate the plume...". Report recommends: 1)upgrade of vapor abatement system 2)delineate groundwater plume to the northeast and southeast 3)install a groundwater extraction and treatment system.

Email to Muller-4/22/04. "At this point the additional wells have been installed and the existing wells have been modified to accept the biolslurp system. A plan to start the trenching has been worked on".

Email from Dany (EAR)-6/3/04. Free product detected in MW2 at thickness of .01feet.

8/3/04-Vought-After file review and the fact that as per Stipulation Agreement implemented on 12/10/02 (and CAP "within 45 days of the Departments approval of the Remediation Plan, the Respondent will obtain all necessary permits, electrical services and complete construction of the remedial system) DEC: 1)approves EAR to upgrade of vapor abatement system however assurances must be made that USTs will not be affected 2)approves to delineate groundwater plume to the northeast and southeast 3)approves installation of a groundwater extraction and treatment system upon submission of a RAP.

9/9/04-Vought-Site meeting including Vought, DEC Rommel and EAR (Dany). Approval given to 1)install one SVE and AS well and run pilot test 2)perform slug test 3)install recovery well and run pump test 4)design SVE and AS system 5)perform tightness test on diesel UST due to recent discovery of 1" of free product in adjacent well (MW-2) and in tank pad well 6)biweekly manual bailing of product in MW2 until remedial system is operational. Vought reviewed copy of interim remedial action proposal dated 9/3/04. EAR requesting approval of proposal. Vought sent approval via email pending inclusion of tightness test of diesel UST and manual bailing of MW2.

11/12/04 Foley-Received call from C. Tomasello. Hired to help S. Muller on Gaseteria projects. Requested current status of

project. Tomasello explained that he thought tanks were being tested due to vapor complaints in adjacent building. I informed him of the 1" of free product detected in MW-2.

11/17/04-Vought-Spoke to Mike Dany EAR. Tanks were tightness tested by Crompco on 11/15/04 and part of leak detection system on diesel tank was leaking resulting in 50 gallons of diesel in the sump (sump constructed of cinder block). Royal Environmental was contacted by EAR (a state funded contractor) who pumped sump. Crompco also replaced leak detection unit and continued test. Diesel UST and lines passed test after second attempt. Crompco tested super grade test also on 11/15 and system failed test. Test was rescheduled for 11/17 with different crew. On 11/17/04 tank was isolated and passed test however vent line failed test due to break. A heleium tracer gas test was performed to determine location of leak and leak was found and excavation currently being performed to expose break. Gaseteria and EAR onsite during excavation. Soil samples will be collected from excavation and run for 8260 analysis. Cinderblock sump will not be excavated due to same location within contaminated area and ROI of future system. Dany will put together report and and will perform pilot test.

11/22/04-Vought-Called and left message for Dany (631-241-8741) for status of vent line repair and pilot test.

11/24/04-Vought-Spoke with Mike Dany and pilot test results for air sparge/SVE not promising. Mike putting report together with recommendations and proposal for well installation with known construction and sieve analysis to ensure proper construction and hence pilot testing. Mike Dany will take split spoon samples, collect continuous samples, perform sieve analysis, design well, install and run pilot test and submit results. Vent line repair was completed by Crompco and EAR collected and will submit soil sample analyticals. Vent line appeared to be broken by auger.

1/20/05-Vought-Received payment package for site and work performed during December 2004 included input of air sparge pilot test data, initiation of pilot test for a dual phase system, data updates for 3rd quarter report, installation of soil boring for recovery well pilot test, indoor air sampling and analysis, soil sample sieve analysis, quarterly groundwater sampling and SVE system maintenance.

1/31/05-Vought-Received Quarterly Status Report (EAR) for April 2004 to June 2004. "The monitoring data suggest a general groundwater flow direction trend towards the south/southwest during this reporting period". OM&M consisted of monthly collection of SVE effluent samples, monthly collection of indoor air samples, draining of SVES blower moisture trap, obtaining PID and airflow readings from blower exhaust, obtaining SVES blower vacuum intake readings, recording system run time and inspection of manholes. "Recommended expansion woiuld include the extraction of additional vapors from wells located closer to the source area such as MW2, MW8, tank pad monitoring wells and upgrade of vapor extraction wells near the foundation of the Phoenix House." Report recommends 1)expansion of vapor abatement system 2)screening building to the northeast for vapors and collect indoor air samples 3)delineation to the northeast and southeast of site and 4)installation of a dual phase groundwater extraction system.

2/17/05-Vought-Site meeting with DEC Rommel, DEC Vought, DEC Tang, EAR Dany and National Beck to transfer PIN duties from EAR to National. National given copy of EAR most recent status report including OM&M requirements and pilot test results. DEC to require submission of a RAP for dual phase extraction system.

3/15/05-Vought-Received email from Beck recommending: 1)installation of a dual phase system and 2)further delineation to the northeast and southeast of the site. Vought sent reply agreeing with installation of dual phase, requiring submission of a RAP and no further offsite delineation for now (priority is remediation of soil vapors and groundwater impacting Phoenix House). Vought received email from Dany that pilot test for dual phase was never performed and received email from Beck requesting approval for performance of test. Vought approved of test and required that DEC be informed of a test date so that a site visit

could be scheduled.

5/25/05-Vought-On 5/24/05 during a semi-annual site meeting with Gasteria, the Department granted Gaseteria's request to return the remediation of soil and groundwater to them. The Department required that a revised RAP be submitted which included sections discussing: 1)the collection of indoor air samples 2)SVE system maintenance 3)the collection of soil samples along the wall of the impacted Phoenix House to confirm the effectiveness of the SVE system. On 5/25/05, the Department approved the state-funded contractor to collect one more round of indoor air samples and SVE Inffluent/Effluent samples. Gaseteria will be collecting next round of monitoring samples. A proposal received from Gaseteria's consultant for bioremediation is currently awaiting review.

6/16/05-Vought-Reviewed Revised Remedial Action Plan (ASR Muller)dated June 6,2005 and received on 6/7/05. "This revised RAP supercedes all previously submitted RAP's by Gaseteria or it's contractors". "ASR, on behalf of Gaseteria will begin operation and maintenance of the IRM as granted by NYSDEC commencing June 1, 2005". IRM consists of active SVE maintenance and indoor air sampling. "A review of the analytical results obtained by BEI during the January 2003 investigation concluded that no samples contained VOCs above regulatory guidance values". Proposal for Biorem "The application points to be installed are required to be spaced 20' on center evenly across the effected area" "The amount of cultures placed into each area of the plume will be determined on a mass balance basis according to the levels of contamination and desired results". Proposal for monitoring of groundwater and soil to confirm effectiveness of rememdiation. "Progress reports on the operation and testing results will be prepared on a semi-annual basis".

DEC requires: 1)submission of air and groundwater monitoring data on a quarterly basis 2)more injection points or injection trench along Phoenix House wall 3)Submission of amount of application calculations of biorem including method of determination of application amount to each location. Vought sent letter with above requirements on 6/16/05.

7/22/05-Vought-Reviewed Final Remedial Action Plan (ASR Muller) dated 7/14/05 and received on 7/18/05. RAP includes: 1)submission of air and groundwater monitoring data on a quarterly basis 2)more injection points along Phoenix House wall 3)calculation amounts of injection at each location. Vought sent letter approving of RAP.

7/25/05-Vought-Received call from Muller who stated that SVE blower was down and asked if new blower was required. Vought required new blower and continuous system operation until indoor analyticals show no impact.

7/27/05-Vought-Spoke to ASR Muller and BioRem application began on 7/25/05. Application holes were drilled at 23 locations. Application of BioRem to begin on 7/27/05. SVES blower for abatement system has stopped functioning. Replacement blower has been ordered and is being shipped to site. DEC required PID survey of building.

8/10/05-Vought-Received message from Steven Muller that replacement blower has been installed and is operational. Spill transferred from Vought to Tang as per Tang.

9/16/05 - transfer to Andre Obligado from Koon since Andre will be handling all Gaseteria sites. KST

10/6/05 - Obligado site visit with DEC Sun, ASR Muller. SVE blower functioning. Inspect basement of PHoenix house, no odors encountered. Muller says BioRem injection has been initiated within past 2-3 weeks. A report summarizing injection and monitoring will be submitted to the DEC.

11/15/05-Vought-Contract Payment Package (EAR)-Michael Dany review of monthly site activity and biling package (Note:

Confirmation call of work by Vought with EAR)

3/31/06 - Obligado - Review 4Q05 monitoring report. LNAPL encountered in MW2 (0.06 ft). Max BTEX 504 ppb, max MTBE 640 ppb.

4/12/06 - Obligado - Review 1Q06 monitoring report. BTEX ND to 310 ppb, MTBE ND to 180 ppb. LNAPL (0.06 FT) in MW2.

05/05/06-Vought-See closed spill #0409014 for tank test failure at same location.

6/20/06 - Obligado - Conversation with Amar Nagi, he said he drove by the site and there was a fence around the site. He inquired as to the site status. I called Chris Tomasello and he said that Gaseteria is doing so upgrade work to the dispensers and the station is temporarily closed. Gaseteria is doing the work in order to sell the gas station to a major oil company. Chris said that they were not doing any intrusive work as part of the upgrade activities.

6/29/06 - Obligado - Received copy of letter for file from Attorney General's office to Palmana Realty Corporation requiring compensation to oil spill fund for costs associated with PIN job.

8/7/06 - Obligado - PHone call from Jennifer Dettinger at the Attorney General's office. I informed her about the status of the spill number.

11/10/06 - Obligado - Review 2Q06 monitoring report. BTEX ND to 530 ppb (MW5). MTBE ND to 670 ppb (MW11). According to report summary page, no LNAPL encountered, however, data table says no samples collected from MW2 due to LNAPL. No longer collecting air samples due to ND for 8 quarters and no odor complaints.

Review 3Q06 monitoring report. BTEX from ND to 965 ppb (MW2). MTBE ND to 750 ppb (MW2). No LNAPL encountered this monitoring period.

5/23/07 - Obligado - spoke to Steve Muller. He said Phoenix house has been demolished down to the foundation. Porcelli wanted to know if the VES system was still necessary. I said it would be prudent to try not to damage or remove the SVE system if possible. Although there is no building now the future building might need vapor abatement. I also asked Steve for the contact information for the neighboring property. He said he would email me the information.

2/27/08 - Obligado - Revewed Bioremediation Status Report dated Feb 1, 2008. Report concludes impacts still present in 3 monitoring wells. However, the report concludes "the bioapplication has successfully remediated the site". MW2 still has 340 ug/L benzene and 800+BTEX. The Report proposes reducing number of monitoring wells. I approve of this because some of these wells are ND over last year. After review of the report I drove by site on way back from another site visit. It appears development underway, currently driving piles for the new building. I emailed a letter to Steve Muller with the following :1)remediation is not complete yet but I 2)Approved reducing number of monitoring wells to be sampled. 3) Required submission of Heterotrophic Plate Count data. 4) required soil and ground water sampling within 30 days in northeast portion of former Phoenix House site to ensure no impacts under future building.

4/7/11 - Obligado- This site is in litigation between Gaseteria and Property owner related to the vibratiosn from driving for foundation incident which damaged Gaseteria propery. A DOB vacate order is still in place for both sites, until it is demonstrated that shoring is safe. According to Gaseteria, access is prohibited even for ground water sampling.

11/14/11 - Obligado - I met with MTA representatives, Romana Naroznik, Lew Wunderlich, Tenzin Lhondup, to discuss east side access project which abuts this property. They will be installing shoring 2 to 3 years in the future and are making preliminary plans. They will submit a FOIL request.

Map Identification Number 24 **GAS STATION** **Spill Number: 0713169** **Close Date:**
30-05 QUEENS BLVD LONG ISLAND CITY, NY TT-Id: 520A-0214-318

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2160 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 3005 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	STEVEN MULLER - GAS STATION	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	AAOBLIGA	Contact for more spill info:	STEVEN MULLER	Contact Person Phone:	(212) 809-1110

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/13/2008		OTHER	NO	NO

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

Caller Remarks:

construction next door has caused issues with the above address: broken pipes and settling etc.

DEC Investigator Remarks:

New problem happening on a site with a longterm remediation effort.

Map Identification Number 25 **SUBWAY STATION S/B PLATFORM** **Spill Number: 0811325** **Close Date:**
36TH ST & NORTHERN BLVD QUEENS, NY TT-Id: 520A-0225-187
SUSPECT SITE: 34-17 NORTHERN BLVD

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2161 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 36TH ST / NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Local Agency
Caller Name:
DEC Investigator: SKCARLSO

Spiller: JENNIFER WUOTINEN - UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: JENNIFER WUOTINEN

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/13/2009		UNKNOWN	NO	NO

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

Caller Remarks:

Caller states that the water that comes thru the walls is tainted with a gas smell. Caller states this has been ongoing for years and believes it might be comong from a gas station next door. Caller believes this has been reported earlier but has no spill number or records.

DEC Investigator Remarks:

01/14/09-Hiralkumar Patel. spoke with Jennifer at system safety at NYC transit. she mentioned that water is leaking into subway station and has sheen and gasoline odors in it. they collected sample and sent to lab. she mentioned that this is ongoing problem and has started in 2007. she will email photographs.

received photographs from Jennifer.

Jennifer Wuotinen
NYC Transit
Ph. (646) 252-5768
email: Jennifer.Wuotinen@nyct.com

visited site. found contaminated water coming into subway platform through weep holes in wall. petroleum odors from holes. found Shell gas station along Northern blvd, between 34th and 35th street. this gas station is right above subway platform area where

oily water seeping into station. found one monitoring well on northern blvd sidewalk, nearby subway vents. found multiple abandoned holes nearby on-site store entrance, which might be old wells.

met pump operator. he mentioned that station was closed for four months for some repair work.

Shell
34-17 Northern Blvd.
Queens, NY

left message for Alex, store manager.

Alex
Ph. (516) 997-9300
(718) 729-0485

received message from Even from Bill Wolf petroleum.

01/15/09-Hiralkumar Patel. received message from Mike Khalek from Shell.

01/16/09-Hiralkumar Patel. spoke with Mike. he rented this place on 01/09/09 and he only operates station. Mike doesn't own the gasoline tank systems. Mike asked me to contact Evan, who works with landlord and landlord owns gasoline tanks also.

Mike Khalek
Ph. (718) 232-0663 (O)
(917) 846-7195 (C)
Fax (718) 236-4342

01/21/09-Hiralkumar Patel. spoke with Evan Greenberg at Bill Wolf Petroleum. asked him to test entire tank systems for any active leaks. Evan mentioned that they had long term lease on property and about 3-4 years ago, they bought property. tanks were installed in 1980s and were upgraded in 1998 to meet state requirements.

Bill Wolf petroleum **site and gas system owner**
125 Jericho Turnpike, Suite 401
Jericho, NY 11753
Attn.: Cary Wolf
Ph. (516) 997-9300
(516) 521-5800 (C) -- Adam's
Fax (516) 997-3673
email: cwolf@bwpetroleum.com **cary's**
awolf@bwpetroleum.com **adam's**

Evan Greenburg
Bill Wolf Petroleum
PH. (516) 238-4747 (C)

email: evan@bwpetroleum.com

asked Evan to test all tank systems. asked him to submit test date by end of 01/26/09. also asked him to submit complete contact info for Shell representative for the gas station.

discussed with DEC Austin. he asked to send letter to landlord as well as to Shell.

PBS #: 2-243175.

received call from Evan at 11:15 AM. they have scheduled tank test tomorrow morning (01/22/09) at 9 AM.

01/23/09-Hiralkumar Patel. received tank test result from Mr. Greenberg. both tank systems passed test. forward tank test result to DEC Brian Falvey for PBS record.

spoke with John at Motiva Enterprise. John mentioned that they only deliver gas at the station and does not own any system on the site.

John Kuschman
Motiva Enterprises, LLC.
Ph. (860) 992-7912
email: john.kuschman@motivaent.com

alternate addresses:

34-01 to 34-17 Northern Blvd
34-02 to 34-10 38th Ave
38-01 to 38-11 34th St

old spill cases: 0400123 (tank test failure), 8402855

both spills closed.

spoke with Jennifer at NYC Transit. they collected sample again as previous sample volume wasn't enought. took another samples yesterday and will submit result once available.

01/26/09-Hiralkumar Patel. DEC Brian reviewed tank test result and indicated that there was a pressure drop for second tank and tanks only been tested. Brian mentioned that according to PBS records, site has pressurized piping system and has to be tested. DEC Jacob asked for inventory record for review, as site was not inspected since 2006.

spoke with Evan. he mentioned that they have suction system (not pressurized). asked him to correct PBS record. also asked him to submit inventory record for one year. Evan mentioned that station for closed from couple of months due to some conflict with previous tenant. and previous tenant took all records when he left. but Evan will submit inventory record for time period since they are operating station. Evan will ask Cramco (tank testing company) to call to explain pressure drop during test for second tank.

01/27/09-Hiralkumar Patel. received email from Ed from Cramco with explanation about pressure drop. he mentiond that EZY-3 Locator Plus is a vacuum test, not a pressurized test and as per manufacturer of test equipment, as vacuum is applied to gasoline tanks a slight loss of vacuum during the test is expected and normal. he also mentioned that site has suction piping system (not pressurized as recorded in PBS).

Edward S. Kubinsky Jr.
Cramco
Ph. (610) 278-7203
(610) 633-9732 (C)
Fax (610) 278-7621
email: ed.kubinsky@crompco.com

spoke with DEC Brian regarding explanation of pressure drop during tank test. he agreed with explanation.

01/28/09-Hiralkumar Patel. received email from Jennifer with sample analyticals. water sample was analyzed for total petroleum hydrocarbon and result indicates gasoline in water samples.

Jennifer asked to contact Rajen Udeshi at NYCT for coordinating outside projects and to get all of the approvals.

Rajen Udeshi
Capital Program Management
2 Broadway, 7th Floor
New York, NY 10004
Ph. (646) 252-3673
email: rajen.udeshi@nyct.com

01/30/09-Hiralkumar Patel. sent letter to Mr. Wolf at Bill Wolf petroleum requiring delineation of soil and groundwater contamination (via monitoring well) nearby seepage location. letter emailed to Mr. Wolf, Mr. Greenberg, Mr. Kuschman, Ms. Wuotinen and Mr. Udeshi.

02/06/09-Hiralkumar Patel. received fax from Evan with inventory reconciliation record.

02/23/09-Hiralkumar Patel. spoke with Evan regarding work status. he mentioned that environmental group is handling this matter. he will ask his environmental guy to call for updates by end of tomorrow.

02/25/09-Hiralkumar Patel. received message from Bruce Beck from National environmental management. left message for Mr. Beck.

Bruce Beck
National Environmental Management
Ph. (631) 236-3871
email: bbeck@nemassociates.com

02/27/09-Hiralkumar Patel. received message from Bruce. left message for Bruce.

03/23/09-Hiralkumar Patel. left message for Bruce.
04/09/09-Hiralkumar Patel. spoke with Bruce. no work has done yet as waiting for MTA approval. Bruce is going to meet MTA personnel in office to review subway plan to locate well. Bruce asked for site visit. asked him to review MTA plans first and then to schedule a visit.

05/04/09-Hiralkumar Patel. received call from Bruce. he mentioned that current tenant/owner is planning for tank system upgrade this summer and asked if well installation could be postponed till tanks comes out. asked Bruce to provide exact work schedule. mentioned to him that if tanks are coming out within two to three months, then the department can wait otherwise investigation work is required according to the letter. Bruce will talk to owner and will call back.

05/11/09-Hiralkumar Patel. received email from James Cressy from Impact environmental. they have been hired by owner (new contractor) for soil/gw investigation.

James Cressy
Impact Environmental
Ph. (631) 269-8800 x324
(631) 365-6118 (C)
Fax (631) 269-1599
email: jcressy@impactenvironmental.com

05/13/09-Hiralkumar Patel. received message from James from impact environmental. he has spoke with Mr. Udeshi at MTA and will meet at the site. will call back once visit the site with MTA.

05/14/09-Hiralkumar Patel. left message for James. received call from James. he will meet Mr. Udeshi very soon. asked him to submit work schedule by end of 05/22/09.

05/15/09-Hiralkumar Patel. received email from James with copy of letter that he has sent to Mr. Udeshi at MTA requesting a site visit to confirm soil boring/well locations.

06/11/09-Hiralkumar Patel.

11:40 AM:- received message from James.

3:11 PM:- received call from James. he hasn’t got approval from MTA yet. but to expedite the process and to get some preliminary data, James proposed to install borings about 10 ft away from area where he proposed earlier. he also mentioned about on-site well that was installed previously. asked James to submit site map with location of existing well(s), MTA structure line and proposed borings. also asked to send brief description about work will be conducted.

3:24 PM:- received call from James. he spoke with MTA after talking to me and MTA informed him that he needs approval for any boring work within 200 ft distance from MTA structure.

3:31 PM:- received email from James with contact number for person in MTA who is handling this matter.

Augustine

MTA
Ph. (646) 252-3648

06/17/09-Hiralkumar Patel.
11:46 AM:- left message for Augustine.
11:48 AM:- left message for Mr. Udeshi.
1:01 PM:- received call from Mr. Udeshi. informed him that consultant is trying to get approval from MTA for drilling near subway area and having hard time getting it. Mr. Udeshi will check with project manager in MTA and call back.

07/14/09-Hiralkumar Patel.
3:39 PM:- received call from James. he got verbal approval from MTA but to finish remaining process he need written approval for work plan submitted earlier.

searched available documents. no work plan ever submitted to the department.

3:45 PM:- received email from James with copy of letter to MTA and site plan with proposed boring/well locations. James asked for approval for previously submitted work plan.

reviewed submitted proposed well location site map. found one proposed well location in tanks area.

07/17/09-Hiralkumar Patel.
9:00 AM:- spoke with James. told him that no work plan ever submitted to the department. and the site map with proposed boring/well locations was submitted, via email, on 07/14/09. asked James about boring/well in tanks area. he mentioned that owner is doing tank system upgrade and will remove tanks/piping and well/boring will install after tanks removed. High Point engineering is handling tank upgrade work.

explained James that the department requires soil/groundwater investigation via installation of a monitoring well in area close proximity to contaminated water seepage on a subway platform. and this investigation is required to know whether this gas station is a source of contamination on subway platform or not. asked James to visit site to find out area on gas station nearby seepage area.

James mentioned that owner needs to get railroad insurance for work near subway lines and once insurance issued then MTA will issue a approval.

9:38 AM:- left message for Evan.
10:51 AM:- received message from Evan.
12:30 PM:- left message for Mr. O'Brien at High point engineering.

Larry O'Brien **for tank system upgrade**
High Point Engineering
Ph. (516) 433-4320
Fax (516) 433-4364

2:18 PM:- spoke with Evan. he asked to contact Adam Wolf as he is in charge now.

2:20 PM:- spoke with Adam. he informed that they submitted all required documents on time but getting slow response from MTA.

07/23/09-Hiralkumar Patel.
11:17 AM:- received call from Mr. Augustine from MTA. he got documents from consultant but without insurance info.
11:22 AM:- spoke with Adam. suggest him to contact Mr. Augustine.

08/14/09-Hiralkumar Patel.
9:32 AM:- left message for Adam.
9:46 AM:- received call from Adam. he will ask James to call back.
9:51 AM:- received call from James. he is still waiting for approval from MTA (from Risk Manager) and once gets approval, planning to drill well next week. asked James to visit impacted area on platform and well must be installed in that area. also asked him for mark out. he will order mark out today for entire site and then once gets approval from MTA, will go to site to decide well location. asked him to notify me at least one day prior to well installation for possible site visit.

08/31/09-Hiralkumar Patel.
10:36 AM:- received call from James. they got approval from MTA and will install well on 09/03/09.

10/02/09-Hiralkumar Patel.
9:23 AM:- received message from Haroon Aslam from MTA inquiring status.
1:12 PM:- spoke with Mr. Aslam and informed him that the department is waiting for investigation report.

Haroon Aslam **spill case manage in MTA**
PH. (646) 252-3607
email: haroon.aslam@nyct.com

1:17 PM:- spoke with James. he finished report and has submitted to his supervisor for review. will submit report next week. found heavy soil and groundwater contamination. based on groundwater analyticals, James' supervisor asked him to gauge monitoring well to see any free product on water.

10/06/09-Hiralkumar Patel.
3:27 PM:- spoke with James. report is still on his supervisor's desk. asked James to submit sample analyticals and site map for review.
3:38 PM:- received email from James with site map and sample analyticals. four soil borings (SB-1 to SB-4) installed to depth of 10 ft bg. two soil samples were collected from each borings (first at 0-2 ft and second at 10 ft depth). found Xylene in soil sample from SB-1 (1,738 ppb at 10 ft depth) and SVOC contamination in soil samples. collected two groundwater samples (SB-1/MW-1 and SB-4/MW-2). well MW-1 is installed near subway line and MW-4 installed between existing tanks. found heavy contamination in groundwater samples.

groundwater analyticals:

----------GW-1----------GW-2
Benzene----------11,000----------1,200
Toluene----------54,000---------52,000
Ethylbenzene----------20,000---------12,000

Xylene----------95,000---------58,000
1,2,4-Trimethylbenzene--------35,000---------22,000
1,3,5-Trimethylbenzene---------9,700----------610
Naphthalene----------6,500----------3,800
MTBE----------34,000

*** MDL for other compounds were raised to 250 ppb for groundwater samples

10/09/09-Hiralkumar Patel.
11:10 AM:- spoke with James regarding report. he is still waiting for review from his supervisor. groundwater was found at 10 ft deep. he hasn't inspected site again to gauge wells for any free product.
11:19 AM:- spoke with Adam Wolf and asked him to submit report by next week. Mr. Wolf mentioned that he wants to remove tanks, but as site has e-designation he needs clearence from NYC DEP and its taking long. without DEP's approval, he can't get NYC DOB permit. he need ok from NYC DEP as well as from NYC Transit to remove tanks. asked Mr. Wolf to provide DEP project manager's contact info.
11:33 PM:- spoke with Mr. Aslam. asked him to provide person's contact info who generally reviews and approves work nearby subway lines. Mr. Aslam will call back.
11:43 AM:- received call from Mr. Aslam. he asked to contact Mr. Udeshi.
11:46 AM:- sent email to Mr. Aslam with lab data.
11:48 AM:- spoke with James regarding DEP project manager. he asked to contact Kevin, his supervisor.

10/13/09-Hiralkumar Patel.
3:02 PM:- spoke with Adam Wolf. asked him to submit investigation report by end of 10/15/09 and to provide DEP case manager's info.
3:11 PM:- left message for James.
5:39 PM:- received email from James with DEP project manager's contact info.

Daniel Cole
Bureau Chief, E - Designation Program
Office of Environmental Remediation
Mayor's Office of Operations
253 Broadway, 14th Floor
New York, NY 10007
Ph. (212) 341-0964
Fax (212)-788-2941
email: dcole@dep.nyc.gov

10/14/09-Hiralkumar Patel.
10:21 AM:- received email from Adam Wolf. he got approval from MTA and now waiting for letter of no objection from NYC DEP.
10:50 AM:- left message for Mr. Cole.
12:48 PM:- received call from Mr. Cole. explained him about current situation of heavily contaminated water and impact to subway. Mr. Cole asked to provide owner's and contractor's contact info and he will expedite permit process once he receives documents.
1:00 PM:- left message for Adam Wolf.
1:04 PM:- sent email to Mr. Cole with contact info of Adam Wolf, James and Mr. Udeshi.

2:32 PM:- received call from Adam. asked him to contact Mr. Cole to find documents required to get DEP's approval.

10/20/09-Hiralkumar Patel. received investigation report (at 10:38 AM on 10/15/09) from James. abstract of report:

- as per report, BP conducted remedial activities under spill #: 8402855; extent of remediation conducted by BP was unknown
- did GPR, but no additional tanks found
- installed four borings B-1 through B-4
- boring B-1 was installed to the south of existing gasoline filling pumps
- boring B-2 was installed on eastern portion of the site
- boring B-3 was installed on western portion of the site, south of existing building
- boring B-4 was installed on northwestern portion of the site, east of existing building
- two soil samples were collected from each borings: one at 0-2 ft depth and second at 10 ft depth
- groundwater found at 10 ft depth in each borings
- two 1-inch wells (MW-1 and MW-2) were installed to a depth of approx. 19 ft bg and 10 ft screen installed (five ft above water and five ft below)
- found high PID readings and significant petroleum odors and staining in soil from boring B-1
- based on boring logs, found medium to coarse sand in each boring from 1-10 ft
- found Xylene in soil sample from SB-1 (1,738 ppb at 10 ft depth) and SVOC contamination in soil samples
- found heavy contamination in groundwater samples (see analyticals above)

PID readings in B-1:

depth----------PID (in ppm)
0-2 ft----------1,541
2-4 ft----------1,691
4-6 ft----------1,744
6-8 ft----------1,951
8-10 ft----------2,708

*-- eventhough high PID readings from B-1, no contamination found in soil samples from B-1

received copy of email (at 2:35 PM on 10/15/09) from Mike Mandac from NYC DEP. Mike is the project manager at DEP. Mike sent email to Adam Wolf with list of documents needed for permit.

Michael C. Mandac
Mayor's Office of Environmental Remediation
Ph. (212) 676-0754
Fax (212) 788-1482
email: MandacM@dep.nyc.gov

10/21/09-Hiralkumar Patel.
1:23 PM:- spoke with James. he is preparing work plan for system excavation and health and safety plan. asked James to include community air monitoring plan also. also asked him to inspect on-site well for free product and if there is any, need to start product removal immediately.

1:28 PM:- left message for Adam to monitor existing wells for any product and immediate recovery, if any.
2:42 PM:- received message from Adam.
3:45 PM:- spoke with Adam. asked him to send contractor tomorrow to check wells for any free product and immeidate removal if any product in well.
3:49 PM:- sent email to Mr. Udeshi, Mr. Aslam, Mr. Cole and Mr. Mandac with copy of investigation report.

10/23/09-Hiralkumar Patel. received email from Mr. Cole (at 11:01 AM on 10/22/09) inquiring about construction schedule.
9:31 AM:- sent email to Mr. Cole informing that owner is preparing documents to get ok from DEP and then will apply for DOB permit. also informed him that as per owner they are planning to replace existing tank system only and are not planning for new construction.

10:13 AM:- received email from Mr. Cole. Mr. Cole mentioned "The property owner can pre-file with DOB for the proposed work and then we can list the actual DOB Job No. on our Notice. Either way works for us. The Notice To Proceed is drafted and will go out the day we receive the RAP/CHASP from Impact. If there are any revisions required, we will work with Impact directly on the same day to finalize the document. Most of our typical comments/requirements are standardized text so Impact could cut and paste any revisions directly into their documents."

10:36 AM:- left message for Adam.
10:38 AM:- received call from Adam. he mentioned that James visited site to check monitoring wells and found no product in it.
10:41 AM:- left message for James to confirm him findings about no product on water and to know status on paperwork to get permits.
11:39 AM:- received message from James. he went to site to gauge wells and found no product, but found odors in well next to MTA structure. he is still working on work plan and will submit by 10/26/09.

10/27/09-Hiralkumar Patel.
3:11 PM:- received email from James with excavation work plan and health & safety plan.

10/30/09-Hiralkumar Patel.
9:35 AM:- spoke with James regarding approval from DEP. DEP requires approval for proposed excavation work plan from DEC.
9:41 AM:- sent email to James approving proposed excavation work plan and asked him to notify the department prior to backfilling any part of excavation as may need further excavation and/or additional investigation based on endpoint sample results and/or visual observations. asked James to submit work schedule.

11/20/09-Hiralkumar Patel.
11:28 AM:- received email from James with revised work plan including proposal of vapor barrier and SSDS. James requested approval of such systems as NYC DEP requires.
11:48 AM:- spoke with James and informed him that the department does not approve or disapprove the proposed vapor barrier and SSDS plans and asked him to contact NYS DOH for further assistance.
2:03 PM:- received email from James with response from NYC DEP. Mike from DEP mentioned: "The interior renovations would be our responsibility. We’re okay with that. But the SSDS is a remedial measure therefore we feel that this should remain in DEC’s decision."

2:17 PM:- left message for Mike at DEP to call.

11/24/09-Hiralkumar Patel.
9:25 AM:- spoke with Mike at DEP and informed him that the Department does not approve or disapprove proposal for vapor barrier and SSDS and any approval should be from NYS DOH. Mike will talk to James in this matter.
2:07 PM:- spoke with James and asked him to contact DEP.

12/04/09-Hiralkumar Patel.
9:55 AM:- received email from Mike regarding approval for SSDS.
9:56 AM:- spoke with Mike and informed him that the department does not approve or disapprove SSDS or vapor barrier plans and responsible party should contact NYS DOH for guidence. Mike mentioned that they have issued notice to proceed for tank replacement and excavation.
10:21 AM:- spoke with James. James mentioned that as this site is e-designated, he needs approval on RAP. and part of RAP is SSDS under new convenient store. James mentioned that owner is waiting for approval for SSDS as he wants all excavation done in one shot. informed James that the Department requires remediation of contaminated soil and groundwater and they should start removal of contaminated soil immediately.
10:27 AM:- left message for Adam to submit work schedule by end of 12/07/09.
1:15 PM:- spoke with Mike, James and Kevin (at Impact) regarding approval on SSDS. informed James to submit SSDS designs certified by lincensed engineer for DEC record. those plans will not be approved or disapproved. mentioned to James that the department may require active SSDS or other system as part of remediation of any left over contamination once tank system replaced. Mike mentioned that he will issue notice to proceed once SSDS plans accepted by DEC.

12/16/09-Hiralkumar Patel.
10:38 AM:- received email from James with SSDS plan signed off by licensed engineer (included in work plan).
11:37 AM:- sent email to James requiring to submit work schedule.

01/19/10-Hiralkumar Patel.
3:41 PM:- received email from Mike from DEP with copy of 'Amended Notice to Proceed' letter from DEP to NYC DOB. as per letter, DEP approves proposed work plan. Mike sent letter to DOB today.

01/21/10-Hiralkumar Patel.
9:07 AM:- left message for James.

01/25/10-Hiralkumar Patel. received email from James (at 4:26 PM on 01/22/10). he met with site owner last week and currently working on work schedule.

02/09/10-Hiralkumar Patel.
2:18 PM:- left message for James.
2:21 PM:- spoke with Adam Wolf. Mr. Wolf mentioned that they are waiting for permits from NYC DOB and FDNY. asked Mr. Wolf to provide contact number for project managers in NYC DOB and FDNY.

02/11/10-Hiralkumar Patel.
2:06 PM:- received email from Mr. Wolf with NYC DOB inspector's contact info.

Mohammad Mannan
NYC DOB

PH. (718) 286-0611
Job # 420101712

03/01/10-Hiralkumar Patel.
11:56 AM:- spoke with receptionist at NYC DOB Planning examination office in Queens borough office. she mentioned that if permit hasn't issued yet it means owner must have list of objection and DOB might be waiting for additional documents.

03/31/10-Hiralkumar Patel.
9:37 AM:- spoke with Adam. he is still waiting for DOB permit. he has all documents ready and going to meet DOB inspector on 04/06/10. he mentioned that he had documents ready, but got appointment after two months. as per Adam, DOB asked not to send documents in mail and asked for meeting to discuss permit issues.

06/08/10-Hiralkumar Patel. received message from Adam (at 2:37 PM on 06/07/10).
4:25 PM:- spoke with Adam. he mentioned that they are going to remove tank system on 07/05/10. Adam suspects more tanks in ground which could be there before he owned property. he asked if those old tanks are abandoned properly, is it required to remove it. informed Adam, that he has to prove that there was no release from those tanks and there is no contamination around tank area. suggested him to remove all tanks from site as he is excavating in area.

08/02/10-Hiralkumar Patel.
4:44 PM:- spoke with James. he mentioned that they are still waiting for MTA's approval on excavation, but owner is doing renovation to on-site store. during renovation work, they found two old hydraulic lifts. they removed lifts with some contamination inside building. about 1 ft of soil has been dug out from inside building to level it and in this week they will install SSDS and vapor barrier. he mentioned that MTA permit will most probably be issued by next week.

08/06/10-Hiralkumar Patel.
8:43 AM:- received message from James. he mentioned that SSDS was installed inside building yesterday and will install vapor barrier today. on 08/09/10, they will pour concrete inside building and start tank excavation. they got all approval from MTA.

08/11/10-Hiralkumar Patel.
9:02 AM:- received call from James. they are excavating tanks area and has removed two 4,000 gal tanks. they need to backfill excavated area to remove remaining tanks. James mentioned that they will excavate area again to remove contamination. he also mentioned that they are working in area where new tanks will be installed.
11:30 AM:- visited site. met James, Adam Wolf and Cary Wolf. found strong petroleum odors from excavation. James mentioned that he is using odor suppressant. asked them to cover excavation at the end of the day to avoid any odor complaints. Adam Wolf mentioned that the new two 12,000 gal tanks will be installed in area which will include previous tanks area also. as per the construction manager, bottom of new tanks will be at 16 ft bg. due to site proximity to subway line, they are planning to dig to approx. 16.5 ft depth only. then they will install a shoring box to facilitate tanks installation. asked James to collect endpoint soil samples (sidewall and bottom) and groundwater sample from excavation (as groundwater is around 15 ft bg). informed Mr. Wolf that if endpoint bottom soil samples come back clean, then they can start installing tanks. but if endpoint bottom soil samples are contaminated, then they have to delineated contamination completely (vertical and horizontal) and submit a RAP for review. tanks should only be installed after RAP approved. if endpoint sidewall samples come back contaminated, then contamination must be delineated completely and RAP must be submitted for approval.

during file review again, found that the site map included in previous report includes proposed tank system location, but doesn't

include location of previous tank system.

1:09 PM:- sent email to James and asked to submit a scaled site map including old tank system and previous boring/well locations. email copied to Adam and Cary.

08/15/10-Hiralkumar Patel.
8:48 AM:- received email from James including map with locations of formerly abandoned 550 gal tanks and recently removed 4,000 gal tanks.

08/19/10-Hiralkumar Patel.
10:17 AM:- received email from James with endpoint sample results (S-1, S-2 and S-3) from new tank excavation area. he mentioned that soil excavation was performed until 2 ft into groundwater. approx. 588 tons of impacted soil removed. James proposed to apply ORC in excavation below concrete pad for new tanks. three endpoint sample collected. found some VOC contamination.
10:30 AM:- spoke with James. he mentioned that once they finish installing concrete box for new tanks, they will excavate remaining contamination around box in former tanks area. based on submitted data, approved application of ORC and installation of concrete pad for new tanks. informed James that the department requires cleanup outside of box and remediation of groundwater contamination.

09/08/10-Hiralkumar Patel. received email from James (at 5:02 PM on 09/07/10) with updates. he mentioned that ORC applied in new tank area, removed contaminated soils from former 550 gal tanks area and collected endpoint samples. he also mentioned that no additional soil removal could be conducted based on the size of the site, the street and the subway line. James proposed to install four monitoring wells.
3:26 PM:- sent email to James and asked him to submit schedule for wells installation. informed him that the department may require additional soil borings/monitoring wells based on endpoint sample results. also informed that two soil samples must be collected during wells installation: one at highest PID and one deepest dry. also asked to collect deepest clean soil sample, if soil contamination extends below water table.

10/26/10-Hiralkumar Patel.
1:55 PM:- spoke with James. he mentioned that wells have been installed, but not sampled yet. asked James to sample wells and submit a detailed report for work done till date, by end of 12/10/10.
2:01 PM:- sent email to James asking to submit report by end of 12/10/10. email copied to Adam and Cary.

12/10/10-Hiralkumar Patel. received message from James (at 12:43 PM on 12/09/10). he requested a time extension to submit a report. he collected samples on 12/08/10 and waiting for results.

12/13/10-Hiralkumar Patel.
12:17 PM:- received call from James. he requested time extension. he proposes to submit report by mid of Jan. 2011. James mentioned that gas station is open for business. based on available information, approved his request to submit report by 01/20/11. asked him to submit lab data as soon as available.

01/10/11-Hiralkumar Patel.
12:08 PM:- received message from James inquiring what cleanup standards should be used.
12:48 PM:- sent email to James and asked him to compare with CP-51.

02/01/11-Hiralkumar Patel.
4:30 PM:- received email from James including report. abstract:
- removed two (2) 4,000 gal gasoline USTs, ten (10) 550 gal gasoline USTs, one 275 gal waste oil UST, two hydraulic lifts/hydraulic fluid reservoir and two double sided gasoline dispensers
- previous automotive repair shop on western portion of the site has been converted to 7-Eleven store
- found visual, olfactory and PID evidence of petroleum impacts around ten 550 gal USTs and one 275 gal waste oil UST, down to groundwater table
- total of 2,335.52 tons of contaminated soil removed
- excavated 2 ft below water table in the area of new USTs
- total of 89,565 gal of petroleum impacted groundwater removed
- total of 150 lbs of ORC applied in new UST area
- native soil on teh site consists of fine loamy, silty sand with some area exhibiting soils with clay-like characteristics
- total of 33 endpoint soil samples collected from tanks/hydraulic lifts/dispenser island excavation area
- installed four (4) 4-inch monitoring wells with 20 ft of screen (10 ft above and 10 ft below water table)
- no free phase product found in any well
- site specific groundwater flow direction appears to be from the northwest towards the southeast <----------
- as per well logs, groundwater found between 9 and 12 ft depth

soil analyticals:

	S-1	SS-1	SS-2	SS-3	SS-7	SS-9	SS-11
Benzene	102	270	980				840
Toluene	741	1,500	1,300	3,100	2,700		11,000
Ethylbenzene	598	320	4,100	2,200			10,000
Xylene	1,472	22,800	9,700	33,000	10,900		3,000
1,2,4-Trimethylbenzene		17,000	24,000				3,700
1,3,5-Trimethylbenzene		6,000	11,000				4,300

groundwater analyticals:

	MW-1	MW-2	MW-3	MW-4
Benzene	133	470	14	1,820
Toluene	104	172	28	5,720
Ethylbenzene	1,920	594	9	1,130
Xylene	5,022	1,453	52	8,840
1,2,4-Trimethylbenzene	2,540	408	26	1,870
1,3,5-Trimethylbenzene	473	506	8	330
Naphthalene	463	269	72	431
MTBE	45			2,300

reviewed previous notes and found that James submitted results of three soil samples (S-1, S-2 and S-3) on 08/19/10 which showed very minor contamination in area. as per James, these samples were from the area where new tanks will be installed. based on these data, approved his request to inject ORC in area and install new tanks. but as per the report, found very high soil contamination in sample SS-2 which is now under the new tanks. and I did not receive result of this sample before approving installation of new tanks.

02/02/11-Hiralkumar Patel.
2:16 PM:- sent email to James. informed him that the report is missing disposal manifests and individual endpoint sampling depth. also informed him about confusing information regarding monitoring wells. as per the text part, wells installed with 20 ft of screen, but as per the well construction logs, wells installed with 10 ft of screen (only 1 ft above and remaining below water table), 10 ft of riser and filter pack from 5 to 15 ft depth. asked James to submit revised report. email copied to Adam and Cary.
2:45 PM:- received call from James. he will submit revised report.

after discussing with DEC Austin, case transferred to DEC Vadim due to groundwater contamination.

--** E-designation <----------

3/11/11- Obligado - This case transferred to Obligado from Patel as per Brevdo. I reviewed the revised Report. 2200 tons of contaminated soil was removed and disposed of. ORC was applied to the excavation. Soil Manifests were included. 4 monitoring wells were installed. Ground water contamination is still present. I sent an approval letter for the report but advised that additional delineation and/or remediation may be required.

10/3/11 - Obligado - I reviewed the 3Q11 update report. BTEX concentrations are decreasing following excavation and ORC application. Impact will continue monitoring.

10/20/11 - Obligado - This spill transferred to Carlson as per Brevdo.

Map Identification Number 26 **TRANSMISSION FEEDER 61** **Spill Number: 1101048** **Close Date:**
11TH ST, BET 38TH & 40TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0265-117

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2352 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 11TH ST BTWN 38TH / 40TH AVES
Revised zip code: 11101

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/28/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	400.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Feeder leak btw:
Sarragut Substation @ 89 john st Brooklyn and Rainey Substation @ 35-58 Vernon blvd long Island City Queens.

RATE OF ONGOING LEAK 77 GALLONS PER HOUR. INVESTIGATION AND CLEAN UP ONGOING.

DEC Investigator Remarks:

4/29/11 - Austin - Spoke with Mike Pillig of Con Ed Electrical Ops this morning, as we had not heard any updates from Con Ed on their PFT tracer gas survey findings for locating the leak. He indicated that the leak had been found underneath 11th Street, between 38th and 40th Ave. in Queens last evening (4/28/11). It was discovered at approximately 6 PM last night via both PFT gas surveying and visual observation (the oil was coming up onto the street). The leak is in the ground, not in a manhole. Pillig reports that no sewers or sub-surface structures are impacted. The leak was clamped at 705 PM, and a barrel is being installed. I dispatched Ahmed to the scene to check the nature and extent of the tranmission feeder dielectric fluid release. - end

4/29/11-HRAHMED-Responded to the site at 1:00 PM and met with Mike Pillig of ConEd. They excavated about 15'X7'X7' deep. The feeder was at 3' depth from the ground. The feeder was clamped on 4/28/11 at around 7:00 PM. They lost approx. 350-400 gal dielectric oil. Their emergency permit from DOT will expire today at 5 PM. So they will backfill the excavation and open up the excavation again to remove the resudual contamination when they get regular DOT permit. They will collect soil samples before they backfill and will forward the analytical results to DEC. Noticed two city sewer manhole each 30' away from the excavation. As per Mike Pillig, they checked those manhole and didn't notice any oil. ConEd notified DEP.

10/27/11 - Austin - Transferring this case from Ahmed to Piper - end

Map Identification Number 27 **HOUR CHILDREN** **Spill Number: 0809566** **Close Date:**
36-11 12TH ST ASTORIA, NY TT-Id: 520A-0225-944

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2405 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 3611 12TH ST
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	HRAHMED	Contact for more spill info:	ERIC WINESTOCK	Contact Person Phone:	(516) 576-8844

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/24/2008		UNKNOWN	NO	NO

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

Caller Remarks:

CALLER STATES THAT THERE IS A SPILL FROM AN UNKNOWN SOURCE ON THE PROPERTY, BELIEVED TO BE COMING FROM AN ADJACENT LOT. LAB RESULTS CAME BACK ON THE GROUND WATER AND 740 MG PER LITER UNK PETROLEUM WAS FOUND, BELIEVED TO EITHER DIESEL OR #2 FUEL. CLEAN UP IS PENDING.

DEC Investigator Remarks:

11/24/08-Vought-Off hours responder. NEVER received off hours notication of spill. CSL needs to be sent out.

12/1/08-Vought-Received call from and spoke to Eric Weinstock and Victoria Whelan (CA Rich 516-576-8844)and CA Rich performing Phase II for potential purchaser via collection of soil and groundwater samples. Water sample had odor in upgradient sample and GC fingerprint showed sample as weathered diesel or heating oil. Sample also analyzed for VOCs and SVOCs full list and drycleaner upgradient from site. Property may be developed and PCE detected in soil vapor samples. Site being currently used as a donation center. Investigation performed via Geoprobe and groundwater flow direction inferred as site directly next to East River. DEC required submission of full report including site plan and analyticals and also required name and address of upgradient property. Vought will sent out CSL upon receiving report and contact info for upgradient site.

12/16/08-Vought-Sent sidewalk permit letter for borings located in the sidewalk along 12th Street between 36th and 37th Avenue, and along 36th Avenue between 12th and 13th Street and on 13th Street between 36th and 37th Avenues.

12/17/08-Vought-Reviewed Phase II Environmental Site Assessment dated December 2008 from CA Rich Victoria Whelan. Phase II consisted of limited GPR survey, six soil boring to groundwater, collection of three groundwater samples, and the collection of four soil vapor samples and one ambient air sample. "The lithology observed during the soil testing indicated that the Site is underlain by clay". "Since the on-site heating oil UST passed a recent tightness test and the soil samples did not indicate petroleum contamination, it appears that the petroleum product is migrating onto the Property from an off site source and is not from the onsite UST." TCE detected in soil vapor sample at 122.13ug/m3. Property had three buildings and driveway Tightness test on UST in October 2008 showed tank was tight. "Well Dun Cleaners borders the Site to the north". Former iron works on southern

portion of site. Twelve soil samples, two groundwater samples and four soil vapor samples analyzed. Two soil samples collected during borings including 0-2' sample and highest PID or deepest dry. Soils contained "tight clay formation". Groundwater located at 11-12'bg. No petroleum odors or staining in soil and no elevated PID observed. Very slow recharge in wells due to clay. Groundwater assumed to flow in westerly direction. Soil vapor samples collected at 5'bg. "Additionally the laboratory tested the groundwater sample collected from location GW-2 using a gas chromatagraph petroleum fingerprint technique. The test indicated that 740mg/L of dissolved weathered number two heating oil or Diesel fuel oil was detected". Report recommends collection of indoor air samples from buildings onsite and preparation of a site specific RAP and Construction Health and Safety Plan. Soil vapor samples show 122.13ug/m3 PCE in VP-3 and 24.43ug/m3 PCE in VP-4.

12/19/08-Vought-Reviewed Supplemental Phase II Work Plan. Hour Children Inc is the prospective buyer of property. Proposal to survey neighboring buildings, contacting adjacent properties for the existence of tanks, installation of five monitoring wells to determine groundwater flow direction and preparation of Phase II Report.

02/09/09-Vought-Received Supplemental Phase II Environmental Site Assessment from CA Rich Whelan dated 2/2/09 and received on 2/4/09. "Based on the results of the groundwater samples and the groundwater flow direction, it appears that an off-site petroleum release occurred and that a petroleum product which resembles weathered #2 heating oil or diesel fuel has migrated onto our Property". "Further, a survey of neighboring properties revealed that the property directly north of the subject Property is heated by a fuel contained in underground storage tanks. There are three fill lines and two vent lines located on 12th Street directly in front of the property indicating the presence of two or more tanks at the neighboring property". "We request that the Spill number currently associated with the Property be closed or moved to the neighboring property". Report prepared for:

Hour Children, Inc.
c/o Davis Polk & Wardwell
450 Lexington Avenue
New York, NY 10017
Attn: Elisabeth Mountainspring, Esq.

Five monitoring wells were installed and sampled in December 2008. Two of the five monitoring wells were completed in bedrock. "On 36th Avenue, bedrock was encountered at seven feet, on 13th Street bedrock was encountered at five feet and on the Site bedrock was deeper, ranging from twelve to eighteen feet." Depth to groundwater is 9-12'bg. Groundwater flowing to the west. Groundwater analyticals show: 14ppb vinyl chloride(MW1), 290 cis-1,2-dichloroethene(MW1), 1500ppb trichloroethene(MW1), 34ppb xylene(MW3), 9ppb isopropylbenzene(MW3), 110ppb 1,2,4-trimethylbenzene(MW3), 35ppb napthalene(MW3), 10ppb isopropylbenzene(MW5), 11ppb n-propylbenzene(MW5), 64ppb napthalene(MW5). Vought called and left message for Wheelan to return call to discuss further requirements for site including previously proposed indoor air sampling/development plans and also for upgradient site (tank testing and possible referral to RCRA).

02/11/09-Vought-Performed site visit and met with Executive Director of Hour Children (Sister Teresa Fitzgerald:

Sister Teresa Fitzgerald
Hour Children
36-11A 12th Street
Long Island City, NY 11106
Ph:718-433-4724x15
Fax:(718)433-4728

teresafitzgerald@verizon.net

As per Fitzgerald Hour Children is tenant at property and is looking to purchase it from the Parrish and is looking to redevelop the entire property with a building to service women who were formerly incarcerated and their children. Application has been submitted to NYCDOP to change zoning so that building can be built for housing. Site was also formerly used as a old factory and also as a church warehouse. Owner of adjacent building that houses drycleaners and also owner of drycleaner and possible USTs is:

Mr. Alex Hung
36-07 12th Street
Ph:917-715-6465

Adjacent site that is possible source site has addresses of 12-10 36th Avenue, 12-07 36th Avenue and 36-07 12th Street that is used to house a working womens program, deli, laundromat, thrift store and drycleaner. Fitzgerald rents possible source site but did not have keys to basement. Possible E designation to site. Fitzgerald looking at possible development in November 2009. CA Rich will perform one more groundwater monitoring and sampling event and then work will be taken over by AKRF (Edward Applebom 212-696-0670).

02/18/09-Vought-Discussed site with DEC Krimgold who requested that DEC Joe O'Connell be included on the meeting. DEC O'connell on vacaton until 2/23, DEC Krimgold on vacation from 2/23 until 3/5 and Vought on vacation from 3/6 until 3/10. Vought called Sister Fitzgerald and left message informing her that Vought would call with new project manager after Vought return from vacation on 3/23.

03/03/9-Vought-Received call and spoke to CA Eric Weinstock (Phone:516-576-8844) regarding status of site and informed him of possible site takeover. Vought received email from Weinstock that AKRF will be working on rezoning issues and CA Rich will continue on environmental issues.

03/24/09-Vought-Vought met with DEC Krimgold and DEC Joe O'Connell and DEC Krimgold instructed Vought to send letter requiring installation of an SSD and then transfer project management to him. Krimgold also approved keeping onsite spill number open (despite CA Rich's recommendation for closure) until plans for SSD are submitted. Krimgold also approved of opening spill number on adjacent property in particular with address of drycleaner. Vought to send letter with below requirements:

1)Vapor barrier and passive SSD (Joe)
2)cc to CA Rich
4)opening of spill number at drycleaners site
5)transfer of management to Krimgold upon completion of the above.

03/25/09-Vought-Vought called and spoke to CA Rich Weinstock and informed him of the above requirements. Vought called and spoke to Sister Fitzgerald who was pleased with the above requirements.

03/31/09-Vought-Performed site visit to drycleaners and confirmed that address of Well Dun drycleaners is 12-14 36th Avenue and building address that Well Dun is part of is 12-02 36th Avenue. Vought opened new spill number (Spill 0814161) for Well Dun with these two address and assigned spill to DEC Krimgold as per Krimgold. This spill also assigned to DEC Krimgold as per him as well. DEC Austin also informed of case transfer. Vought sent letter signed by DEC Krimgold to Sister Fitzgerald requiring installation of vapor barrier (unspecified thickness) and SSD system (did not specify active or passive) as per DEC Krimgold.

Vought also sent Fitzgerald and CA Rich copy of new spill report and called them as well to inform them of project management change to Krimgold.

04/15/09-Vought-Received file back from e‘doccing and gave file to DEC Krimgold.

6/23/10-Vought-Requested to review file by DEC Jane O‘Connell. Vought noted that for this spill as well as open spill 0804161 at possible source (Well Dun Drycleaners) that petroleum constituents in groundwater mininal as well as no petroleum issues in soil. Groundwater constituents will also be further examined in possible P-Site Plume Trackdown. Both spills to be closed once site code is received and site can be tracked under UIS Remediation Section. Spill transferred from Krimgold to Vought as per O‘Connell.

9/8/10-Vought-Began file review for chlorinated solvent potential sources and investigation.

9/9/10-Vought-Performed records search including CBS, PBS, Spills, ScoreCard, EPA EnviroFacts, VISTA, E-Smart and Air Unit. Vought noted that both Well Dun Drycleaners (12-14 36th Avenue) and DrapeMasters(36-02 13th Street) are both RCRA Sites. Furthermore, EPA EnviroFacts shows PCE use and off-site disposal at Well Dun. Vought spoke with DEC O‘Connell who approved request for site inspections from DEC Air Unit and RCRA. Vought reviewed Air Unit data and found following for Well Dun: Air inspection records and PCE usage from 1998-2003 from a "third generation" machine, approximate on-Site use of 40-50 gallons per month. Well Dun removed machinery in 2003 and became drop off-facility. No DEC Air Unit records for Drapemaster on file. Vought spoke with DEC Air Unit Gandhi and he can perform a Air Unit inspection of Drapemasters but also requested that inspection be coordianted with RCRA Unit. No Air Unit inpsection of Well Dun by Air Unit as no machinery on site any longer.

9/10/10-Vought-Discussion with DEC RCRA Hassan Hussein (cc‘d above) noted that no current RCRA investigation at Well Dun needed as machines removed in 2003. Hasan noted that the last RCRA inspection performed at Drapemasters in 2007 noted no chlorinated solvent usage at this location and as such no further RCRA Inspections warranted. Hasan also noted prior compliance issues with Drapemasters at other RCRA Sites. Vought sent email with Site summary info to O‘Connell and Cozzy for confirmation of P-Site Status. Vought sent email to Hour Children (Fitzgerald) inquiring as to current status of proposed development but address no longer valid. Vought faxed same email to Hour Children.

9/14/10-Vought-Reply received from DEC Cozzy and conference call scheduled with Cozzy and O‘Connell to discuss possible P-Site status for 9/17 at 3:00pm.

9/17/10-Vought-Conference call with DEC O‘Connell and Cozzy and Hazardous Waste PIN (aka H-PIN) will be opened to collect one oil soil vapor sample adjacent to MW-1. Vought to call DEC Karwiel and discuss procedures for opening H-PIN and also send email to DEC O‘Connell, Cozzy and DEC Keith (Region 4). Vought to also consider installation of up-gradient wells and also send letter to Hour Children requiring installation of vapor barrier/SSDS if development is to occur. Vought to also check with DEC Kahn to determine if former drycleaner present on NYCHA property up-gradient of chlorinated solvent impacted well MW-1. DEC O‘Connell provided draft format language for letter to Hour Children recommending installation of vapor mitigation system and DEC Cozzy approved language with note that it should also be approved by NYSDOH.

10/20/10-Vought-Called Sister Theresa to inquire about proposed development plans of Hour Children (and possible need for SSD/BV Recommendation letter) and left message to return call. Sent email to Cozzy with cc to O‘Connell, Goertz and Karwiel seeking guidance on which PIN Contractor to select to perform soil vapor sampling.

10/22/10-Vought-Received email from Cozzy to use EnviroTrac as DEC Harrington had experience with them before. Vought called and spoke to Harrington who add additional suggestions on soil vapor study. Vought drafted Soil Vapor Intrusion Work Assignment and sent draft and site plans to DEC Harrington, O'Connell, Cozzy and set up teleconference for 10/27 to review Work Assignment for EnviroTrac.

10/28/10-Vought-Received email from DEC Ghandi or Air Unit that "Andrew Luce of our Unit has now inspected the facility on 10-6-10 (DrapeMasters) and reported that "This is not a Dry Cleaner." We have no past records of any kind for this facility. No further actions required in this matter at our end at this stage".

11/17/10-Vought-Teleconference was held on 10/27 with DEC Harrington, Cozzy, RHWRE and Vought. Discussion included meeting EnviroTrac on site to discuss soil vapor sampling locations, use of a 2" macro-core with acetate liner via a 6" prepack screen, installation of permanent soil vapor points in case additional sampling is needed, collection of one-hour SUMMAs, installation of 3-4 borings as daily rate for Geoprobe, requirements for submission of DUSR and request to waive sidewalk permit fees in permit letter. Vought opened H-PIN for this spill and printed and signed Contractor Work Authorization Form. Also discussed that if soil vapor samples were non-detect for chlorinated compounds than the contractor will have to remove the permanent vapor points as well. Vought spoke with DEC Khann and she had no knowledge of drycleaning facilities at the adjacent Ravenswood Houses.

11/24/10-Vought-Sent site plans with draft soil vapor sampling Immediate Soil Vapor Instrustion Work Assignment(ISVIWA) to DEC Harrington for review and edits.

11/28/10-Vought-Received call from and spoke to Harrington who will be sending his suggested edits via email.

12/1/10-Vought-Recieved suggested edits from Harrington and incorporated edits into Draft ISVIWA for review by Harrington and RHWRE. Vought reviewed scope of work with RHWRE and Harrington and they approved of scope.

12/2/10-Vought-Sent request to DEC Ferrar for new Contractor Work Authorization with ammended scope to be sent to EnviroTrac. Vought called and spoke to EnviroTrac (David Lorthior) and discussed new PIN and informed him that email would follow.

12/3/10-Vought-Received new CWA signed by Farrar and sent by DEC Hale. Sent original copy of CWA to EnviroTrac (David Lorthior) and also sent email to EnviroTrac (Bohlen and Lorthior) including CWA, Site Plans, ISVIWA, UIS Notes and provided free times to set up site visit with RHWRE. Site visit arranged with PM, RHWRE and EnviroTrac for 12/8 at 1:30pm.

12/6/10-Vought-Sent sidewalk permit letter to EnviroTrac at their request.

12/8/10-Vought-Site visit including PM, RHWRE, and EnviroTrac (Bohlen and Lorthior). Site walkthrough performed. Contact for St. Rita's school (school appeared vacant) is Father Jose (Ph:718-361-1884) Proposed soil vapor sampling location will be moved more in front of Well Dun Cleaners with additional soil vapor samples approximately 30' to the east and west respectively. Boring on north sidewalk of 36th Avenue will be performed last. Vought examined well construction logs for MW1 and noted that screen staddles water table and groundwater in bedrock at MW1. Discussion also included requirement for low flow sampling and development water disposal the same day so that drums not stored adjacent to school. PM set up a meeting with RHWRE and DEC Harrington to discuss: 1)Whether groundwater resurvey is warranted 2)if groundwater samples should be collected at all wells (last times wells were sampled was 12/08) 3)Is a separte lab call out needed or should EnviroTrac sub-contract Test America? 4)Flag replacement necessary? 5)Contacting St. Ritas school and if previous letter is available from another Site to use as template 6)Should ammended ISVIWA be sent? Meeting set for 12/15.

12/20/10-Vought-Internal meeting scheduled for 12/15 cancelled due to PM injury and out of office. Vought received email from EnviroTrac (Lorthior) that "We received a call from Con Ed. Apparently there is a large electric line running beneath the street near the church/school. Con Ed wants to be on-site when we drill. I informed them that the project will probably not start until January. We also have a few questions. First question concerns the laboratory. Have you had a chance to look into whether you will use a direct bill DEC lab or if you would like EnviroTrac to pursue pricing from outside labs? Second question involves the disposal of purge water from MW-1. I forwarded the 2008 results to our disposal vendor and he said that the purge water will have to be classified as a hazardous waste. Is there an EPA generator number associated with this project? If not, one will have to be generated. Do you want EnviroTrac to take care of it or is that something you will do yourself? Please let me know so I can make sure arrangements are made for January work." Vought spoke to Lorhior and noted that additional questions would be included in internal DEC teleconference that needed to be scheduled by Vought.

12/20/10-Vought-Received call from CA Rich (Eric Weinstock Phone: (516) 576-8844 Ext. 209 Fax:(516)576-0093 email:eweinstock@carichinc.com) who noted that he is applying to city BCP Program and CA Rich spoke with OER Dan Walsh who asked about status of Spill and he would like to know "what should be done to close spill number". Weinstock also sent email with attached RAP for the Site that includes a vapor barrier and SSD system and included the NYCDEP approval letter for RAP. Email noted that "Hi Jeff, Good to talk to you again. We prepared a RAP for this site that includes a vapor barrier and SSD system. The RAP and NYCDEP approval letter are attached. The client has an architect on board and expects construction of this building to start sometime next year. We spoke to Dan Walsh about the City BCP program and BIG funding for this supportive housing project. He asked us the status of the spill. Please let me know what needs to be done to close out this spill number. Thanks and have a nice holiday."

12/29/10-Vought-Sent reply to Weinstock with CC to RHWRE and DEC Cozzy including management history since spill was transferred from Spills to Section C to Section A and also noting that DEC would review RAP and NYCDEP approval letter and hold an internal meeting here at the Department with those cc'd above to discuss whether we can close the Spill as you requested (possibly transferring the H-PIN to Spill 08014161)and also discuss any other possible issues associated with the State Funded H-PIN Soil Vapor Investigation and entry of Hour Children into the NYCOER BCP Program. Vought scheduled meeting with RHWRE and DEC Cozzy on 1/5 at 1:30pm.

12/30/10-Vought-Received message from Sister Teresa Fitzgerald (PH;718-433-4724) on 12/13 and returned call and left message to return call to PM cell phone.

1/4/11-Vought-Reviewed Remedial Action Work Plan and Construction Health and Safety Plan (CA Rich-Victoria Whelan, Weinstock and stamped by PE Stephen Osmundsen) dated Feb 2010. Report was sent to NYCDEP Mahalia Myrie. Report describes site history and prior two investigations already submitted to DEC (Phase II in 12/08 and Supplemental Phase II in 1/09). Report notes the potential off-site sources of TPH in groundwater and PCE in soil vapor. "The groundwater samples analyzed for the Supplemental Phase II ESA and the groundwater flow direction indicated than an off-site petroleum release occurred and that weather number two heating oil has migrated onto the Property." Above mentioned reports were submitted to NYCDEP John Wuthenow who issued a letter dated 1/21/10 requesting the prepartion of a RAP. Scope of proposed work includes UST removal; registration if tank is above 1100 gallons; collection of endpoint samples from UST excavation; analysis via 8260/8270; comparison to TAGM 4046; excavation of all petroleum contaminated soil if observed; submission of a Tank Closure Report; RAWP does not mention SSDS and VB requirements of DEC 3/31/09 letter and also notes that "the Tank Closure Report will be appended to the overall Site Closure Report and will also be submitted to NYSDEC if a spill number has been assigned to the Site."; excavation not anticipated to reach groundwater; air monitoring for dust and particulates; portion of redevelopment will be non-capped landscaped area with two feet of clean

fil; 15-mil vapor barrier; SSD (plans included) as well as vapor barrier specifications. RAWP proposes that a Closure Report be submitted to NYCDEP once work is completed. No copy of HASP received in email from Weinstock.

1/4/11-Vought-Reviewed DEP letter dated 3/12/10 from NYCDEP Wuthenow to Director of Environmental Assesment and Review of NYC Development of City Planning. Hour Children is seeking rezoning to faciliate the construction of a "four story supportive residence with 18 sleeping units". NYCDEP had current recommendations to NYCDCP "DEP finds the RAP and CHASP for the proposed project acceptable". No note of referral to NYSDEC in letter.

1/5/11-Vought-Internal meeting with PM, RHWRE, DEC Cozzy and DEC Harrington. Decision reached to: transfer PIN to open spill number 08014161, not resurvey groundwater flow direction, only collect groundwater sample from MW-1 (without well development) and EPA low flow sampling and not other wells (due to Site characterization phase only), mix soil and water in one drum for offsite disposal and removal to occur same day of generation, have EnviroTrac sub-contract Test America, flag replacement should be included in budget for maximum of five flags (number of soil vapor samples) and detailed photos need to be taken of flags and surrounding flags with spray painted boring locations before and after well installation and also after abandonment (if applicable), schedule a conference call with St Rita‘s pastor with PM and RWHRE to discuss sampling, send ammended ISVIWA to EnviroTrac, PM will call in for EPA Waste ID number.

1/6/11-Vought-Received call from and spoke to Sister Teresa Fitzgerald from Hour Children and explained Site history since last dicussion in 2009 as well as current discussion with Weinstock. Fitzgerald noted they were looking to start construction in Spring 2011 and that 2/8/11 was date they were to hear about BCP application results. Vought noted that he would communicate to Fitzgerald via requirements to Weinstock.

1/7/11-Vought-Sent email to DEC Anastahas to change HPIN to Spill Number 0814161. Forwarded CA Rich‘s email request for closure dated 12/20/10 to RHWRE with suggested additions to that a response could be sent to CA Rich. Sent email to EnviroTrac informing them of the results of the internal meeting on 1/5 and noting that PM would send updated CWA, ISVIWA and sidewalk permit letter.

1/10/11-Vought-Ammended sidewalk permit letter to request waiver of fees. Once confirmation of transfer of HPIN to spill 0814161 is confirmed, PM will send amended CWA, ISVIWA and sidewalk letter to RHWRE for review, edits and approval.

1/11/11-Vought-Called and spoke to DEC Tassos who noted that HPIN was capable of being transferred from this spill to 0814161 and that he would perform transfer today or tomorrow. Vought prepared ammended ISVIWA. Vought received email form DEC Tassios who confirmed that HPIN H1067 was transferred to Spill 0814161. See 0814161 for further H-PIN investigation notes. RHWRE called and left message for NYCDEP Chawla to return call to DEC to confirm entry into the NYC BCP Program. Upon reception of callback from Chawla, RHWRE to draft response to CA Rich request for spill closure. Vought to also send CSL with TTF requirements with one month due date and request for a site visit to Mr. Hung for this spill number.

7/29/11-Vought-Received phone message from Eric Weinstock of CA Rich (Ph:516-576-8844) noting he was performing a Phase I on the Site and was looking for updated status on spill closure. Vought called Eric Weinstock who noted that site was denied entry into NYC BCP Program but did enter DEP Program and project manager was Mahalia Marie. Weinstock to send contact info as owner looking to close spill. Weinstock also noted that NYCDEP "had regulatory authority" to over see investigation and remediation. PM spoke with RHWRE and a teleconference was held with NYCDEP Chawla (Ph:212-442-3007) and RHWRE noted soil vapor impacts to site as well as requirement of additional investigation of petroleum contamination (investigation of sidewalk fill lines to current and former basement AST). Chawla requested to be cc‘d on CSL letter and letter to be drafted by PM.

DEC possibly requires:
1)Email reply from RHWRE to CA Rich Weinstock regarding request for spill closure including possible requirements of submission of UST analyticals (Tank Closure Report) for review and approval to DEC as well? possible endpoint samples at terminus of excavation for redevelopment? possible NYSDOH review of SSD and VB design? RAWP proposes comparision to TAGM however Part 375 comparision required and possible conveyance of requirements; RAWP does not mention SSDS and VB requirements of DEC 3/31/09 letter and also notes "the Tank Closure Report will be appended to the overall Site Closure Report and will also be submitted to NYSDEC if a spill number has been assigned to the Site."; RAWP does not include VOC monitoring in HASP considering school next door; RAWP notes "non-capped" landscaped area with two feet of clean fill. Will NYSDOH require demarcation layer or VB considering chilren daycare at Hour Children and school across street? Submission to DEC and review of HASP?
2)Keeping spill open until confirmation of installation of VB and SSDS?

11/3/11 - Austin - Spill Transferred from Vought to Ahmed, as part of staff transfers - end

Map Identification Number 28 **BCT REALTY, INC/WELL DUN CLEANERS** **Spill Number: 0814161** **Close Date:**
12-02 THRU 12-14 36TH AVENUE ASTORIA, NY 11106 TT-Id: 520A-0226-272
36-01 THRU 36-07 12TH STREET

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2462 feet to the NNW

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

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ALEX HUNG/WILLIAM TONG - BCT REALTY, INC Spiller Phone:
Notifier Type: Other Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: HRAHMED Contact for more spill info: ALEX HUNG Contact Person Phone: (917) 715-6465

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/24/1908		UNKNOWN	NO	NO

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

Caller Remarks:

1500ppb TCE found in groundwater sample from MW1 located approximately seven feet away from site on sidewalk. Also found 14ppb vinyl chloride, and 290ppb cis-1,2-DCE. PCE also found in soil vapor on downgradient site (see spill #0809566)

DEC Investigator Remarks:

6/23/10-Vought-Requested to review file by DEC Jane O'Connell. Vought noted that for this spill as well as open spill 0809566 at possible source (Well Dun Drycleaners) that petroleum constituents in groundwater. Both spills may be closed once site code is received and site can be tracked under UIS Remediation Section. Spill transferred from Krimgold to Vought as per O'Connell.

9/10/10-Vought-See spill 0809566 for updates including this report summary:

02/09/09-Vought-Received Supplemental Phase II Environmental Site Assessment from CA Rich Whelan dated 2/2/09 and received on 2/4/09. "Based on the results of the groundwater samples and the groundwater flow direction, it appears that an off-site petroleum release occurred and that a petroleum product which resembles weathered #2 heating oil or diesel fuel has migrated onto our Property". "Further, a survey of neighboring properties revealed that the property directly north of the subject Property is heated by a fuel contained in underground storage tanks. There are three fill lines and two vent lines located on 12th Street directly in front of the property indicating the presence of two or more tanks at the neighboring property". "We request that the Spill number currently associated with the Property be closed or moved to the neighboring property". Report prepared for:

Hour Children, Inc.
c/o Davis Polk & Wardwell
450 Lexington Avenue
New York, NY 10017
Attn: Elisabeth Mountainspring, Esq.

Five monitoring wells were installed and sampled in December 2008. Two of the five monitoring wells were completed in bedrock. "On 36th Avenue, bedrock was encountered at seven feet, on 13th Street bedrock was encountered at five feet and on the Site bedrock was deeper, ranging from twelve to eighteen feet." Depth to groundwater is 9-12'bg. Groundwater flowing to the west. Groundwater analyticals show: 14ppb vinyl chloride(MW1), 290 cis-1,2-dichloroethene(MW1), 1500ppb trichloroethene(MW1), 34ppb xylene(MW3), 9ppb isopropylbenzene(MW3), 110ppb 1,2,4-trimethylbenzene(MW3), 35ppb napthalene(MW3), 10ppb isopropylbenzene(MW5), 11ppb n-propylbenzene(MW5), 64ppb napthalene(MW5).

1/11/11-Vought-H-PIN transferred from 0809566 to this spill as per RHWRE via DEC Tassios. See 0809566 for prior H-PIN notes and history. Revised ISVIWA and sidewalk permit letter for submission to RHWRE for edits and approval.

1/12/11-Vought-Revised CWA for submission to RWHRE for edits and approval. Vought checked PBS database for this site and no records found. Vought also drafted CSL to address below with TTF and soil boring requirements and one month due date for Mr Hung to be submitted to RHWRE for edits and approval. Vought noted that site owner as per ACRIS is:

Mr. William Tong
BCT Realty, Inc.
91 Denker Place
Staten Island, NY 10314

1/12/11-Vought-Sent revised CWA, ISVIWA, sidewalk permit letter and CSL with TTF and soil boring requirements to RHWRE for edits and approval.

2/8/11-Vought-Reviewed Contractors Payment Application from EnviroTrac dated 1/18/11 and rejected bill due to incluson of time charges for procurement of Lab contract which is to be considered overhead as per contract. Vought sent disallowance email to DEC Karwiel with cc to RWHRE. Vought sent second email with amount of disallowance ($32.95).

2/16/11- Vought-Received CWA, ISVIWA, sidewalk permit letter and CSL with TTF and soil boring requirements with edits from RHWRE. Vought to review and incorporate edits and send to respective parties.

DEC requires:
1)H-PIN to collect 5 soil permanent soil vapor samples including one immediately adjacent to MW-1 and one groundwater sample from MW1
2)Send email to envirotrac: not requiring groundwater survey, only gw sample from MW1 (without well development) and EPA low flow sampling, request to waive permit fees (and issuance of new sidewalk permit letter from DEC), request to subcontract Test America, flag replacement for five flags only and detailed photos need to be taken of flags and surrounding flags with spray painted boring locations before and after well installation and also after abandonment (if applicable), Send amended ISVIWA, mix soil and water in one drum for offsite disposal and removal to occur same day of generation, inquiry about mobilization date so that notification may be provided to school, inquiry of mobilization dates, will send amended CWA.
3)Schedule a conference call with St Rita's pastor with PM and RWHRE to discuss sampling after inquiry to EnviroTrac about mobilization date so that notification may be provided to St Rita's school
4)call EPA Jack Hoyt for Waste ID Number (FOO2 status as per Part 375)
5)Send updated CWA, ISVIWA and sidewalk letter to EnviroTrac after review and approval by RHWRE, Letter and site visit to Mr Hung including CSL with TTF and boring requirements by fill line.

4/7/11-Vought-Received revisions from RWHRE on 2/16/11 of contaminated soil letter, CWA, ISVIWA and sidewalk letter and incoported revisions into documents. Vought sent request to DEC Hale to print out new CWA with name of RHWRE on bottom for signature.

7/29/11-Vought-Spoke with RHWRE and a teleconference was held with NYCDEP Chawla and RHWRE noted soil vapor impacts to site as well as requirement of additional investigation of petroleum contamination (investigation of sidewalk fill lines to current and former basement AST. NYCDEP requested to be copied on CSL letter which is to be drafted by PM.)

11/3/11 - Austin - Spill Transferred from Vought to Ahmed, as part of staff transfers - end

Map Identification Number 29 **RAVENSWOOD HOUSES -NYCHA** **Spill Number: 0500616** **Close Date:**
34-21 21ST ST QUEENS, NY TT-Id: 520A-0135-293

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2589 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3421 21ST STREET
Revised zip code: 11106

Source of Spill: PRIVATE DWELLING
Notifier Type: Local Agency
Caller Name: FRANK INOA
DEC Investigator: jkkann

Spiller: FRANK INOA - RESIDENT BUILDING
Notifier Name: FRANK INOA
Caller Agency: NYC HOUSING AUTHORITY
Contact for more spill info: FRANK INOA

Spiller Phone: (718) 784-7669
Notifier Phone: (718) 784-7669
Caller Phone: (718) 784-7669
Contact Person Phone: (718) 784-7669

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/14/2005		UNKNOWN	NO	NO

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

Caller Remarks:

WAS FOUND IN THE SOIL AND WAS DOING A SITE ASSESTMINT AND FOUND THE SOIL TO BE CONTAMINATED WITH #2,#$ AND #6. IN THE PROCESS OF REMOVING THE TANK AND THE SOIL. TANK HAD FAILED IN THE PAST AND ARE NOW REPALCING THE TANK.

DEC Investigator Remarks:

5/10/05 - consolidated spill # 9008488, 9310628, 9604146 to this spill record for tracking purposes. All the other spills are tank failure and release to soil/GW. - KST

5/10/05 - Amar Nagi notified me of a tank installation job at the Ravenswood Housing Project. We wen to the scene on 21st Street. We saw two 30-40K tanks installed, and partilly buried. I took a few pictures which can be found in eDocs - NYCHA-Ravenswood folder. Spoke to PBS Unit and could not found any sub-mod notification. Will refer to John Urda - regional attorney for possible followup enforcement. Need to check with PBS to see of they violated the 30-day notification requirement in 6NYCRR Part 612.2d. - KST

11/1/05: This spill tranferred from J.Kolleeny to S.Kraszewski.

11/10/05: Reviewed Site Assessment Report prepared by Kosuri Engineering & Consulting P.C. dated May 2005. Six soil borings taken around USTs 3 and 4 performed January 10-12, 2005 indicate marginal levels of two SVOCs in B2 and B4. As seen above, both tanks have been removed and contaminated soil discovered- unaware of any post excavation samples. - SK

01/25/06: This spill transferred from S.Kraszewski to Q.Abidi.

03/29/06: This spill transferred from Q. Abidi to Koon Tang.

09/23/10: J.Kann - spill transferred from K. Tang to J.Kann.

ACTIVE HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

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

Map Identification Number 30 **MAMM REALTY** **Spill Number: 9803835** **Close Date:**
25-17 41ST AVE LONG ISLAND CITY, NY TT-Id: 520A-0133-665

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1263 feet to the SW

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

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	MICHAEL LEVINE - MAMM REALTY, INC.	Spiller Phone:	(718) 392-3013
Notifier Type:	Other	Notifier Name:	MICHAEL ALLETTO	Notifier Phone:	(516) 485-0000
Caller Name:	MICHAEL ALLETTO	Caller Agency:	YELLOWSTONE INDUSTRIES IN	Caller Phone:	(516) 485-0000
DEC Investigator:	vszhune	Contact for more spill info:	MICHAEL LEVINE	Contact Person Phone:	(718) 392-3013

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
06/25/1998		EQUIPMENT FAILURE	2-603539	NO	NO

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

Caller Remarks:

Discovered contaminated soil during tank removal contaminated soil was excavated and stock piled caller is contracter for new owner

DEC Investigator Remarks:

2/5/07 - Haggerty - Located and reviewed UST Closure and Site Restoration Report dated Sept 16, 1998. Report also states additional UST's could be on-site. 1 unknown UST and piping were discovered during remedial activities. Spill to remain open.

9/12/05 - Cozzy - Spoke to current operator of facility (Auto Dynamics-PBS facility # 2-603539). They have operated this facility since 2000, and have no records of previous cleanup. Spill to remain open.

8/2/05 Mike H. spoke with Michael Levine of Mamm Realty, said spill was properly remediated but has no record of it. Emailed Todd McIndoo of Yellowstone requesting info <tmcindoo@optonline.net>, but never got response.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
This gasoline spill case has been reassigned from DEC (Sigona) to
Rommel on January 7, 2004.

DEC SIGONA CALLED MICHAEL ALLETTO AT YELLOWSTONE ON 6/26/98. YELLOWSTONE INDICATED THAT THEY REMOVED ALL THE CONTAMINATED SOILS AND COLLECTED ENDPOINT SAMPLES WHICH ARE BEING TESTED. THE RESULTS WILL BE SUBMITTED TO DEC (SIGONA) WHEN THEY BECOME AVAILABLE.

10/2/09 - Austin - Spill transferred from Albany staff to Zhune, for further investigation - end

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NYSDEC FALL 1998 MTBE SURVEY INFORMATION FOR 9803835

Maximum MTBE concentration: 3.7 PPB Current MTBE concentration: 3.7 PPB
BTEX offsite: No

Source of MTBE
  Steel Underground Storage Tank - X
  Fiberglass Underground Tank -
  Aboveground Storage Tank -
  Piping -
  Source not identified -
  Other source -

Number of private drinking water wells impacted: 0
Number of public water supply wells impacted: 0
Number of private drinking water wells impacted: 0
Number of replacement wells drilled: 0
Number of water main extensions: 0
Number of water main hookups: 0
Number of residences provided w/ bottled water: 0
Number of people affected: 0

Indoor Air Impacts : No
Aquifer Impacts : No

Ongoing remediation: Yes

Monitoring Frequency
  Monthly - Quarterly - Semi-annual - Annual - Other -

Remedial Action used
  No Action -

```
  Groundwater                                    Soil
    Pump and Treat        -                      Soil Vapor extraction       -
    Air sparging          -                      Excavation and disposal     - X
    Bioreactor            -                      Bioremediation              -
    Natural attenuation   -                      Low temp thermal desorption -
    Oxygen injection      -                      Oxygen injection            -
    Biosparging           -                      Other                       -
    Dual phase extraction -
    Other                 -

Under investigation: Yes
Dept. of Health involvement: No
-------------------------------------------------------------------------------------------------------------------------------
Dept. of Health Remarks: No remarks given for this spill
-------------------------------------------------------------------------------------------------------------------------------
General Remarks: No remarks given for this spill
```

Map Identification Number 31 **FEEDER** **Spill Number: 9408172** **Close Date:**
21ST ST BET 38TH & 39TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0137-732

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1549 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST BET 38TH / 39TH AVE
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: Spiller Phone:
Notifier Type: Responsible Party Notifier Name: MR HAGARTY Notifier Phone: (212) 580-5420
Caller Name: ANTHONY CONSTANTINE Caller Agency: CON EDISON Caller Phone: (212) 580-6763
DEC Investigator: JMOCONNE Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/20/1994		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

8 GPH RATE OF LOSS - FEEDER LINE LEAK - CON EDISON TO INVESTIGATE.

APPENDIX B SITE NO. 4. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.

9/20/94: John Hegerty (Con Ed UT) - feeder 31281 M-leg. Doing manhole investigation. If they don't find anything, they will take out of service and do freeze pits. (CAE)

9/26/94: update from Tim Solich (Con Ed CIG) - leak located yesterday at 21st St & 38th Ave. Temporary clamp installed. (CAE)

Map Identification Number 32 **FEEDER # 31281** **Spill Number: 9401387** **Close Date:**
21ST ST & 38TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0123-694

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1563 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 38TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	STEPHEN CRIBBIN	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/28/1994		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	265.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TO INVEST FURTHER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 4. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.

4/28/94: John Hegerty - just repaired M-leg leak last week, still have Tracer gas in line. Will begin gas sniffing tomorrow. (CAE)

4/29/94, 3:38 PM: Nothing in manholes. Picking up gas from M-leg leak. Also picking up gas from feeder 62 whihc is a 1/2 block away. (CAE)

5/4/94: injecting additional Tracer gas - should be done tonight. Feeder still leaking at 2.5 to 3 gph. (CAE)

5/10/94: Still have not found leak. If Tracer does not work within a day, they will do freeze pits. They are getting a lot of interference of Tracer gas from the M-leg spill a couple of weeks ago. (CAE)

5/24/94, 3:00 PM: John Hegerty - leak located at 21st St/38th Ave. Leak amount about 2000 gallons. Leak was located on 5/19/94. (CAE)

6/17/94: letter from Con Ed (Cheryl Payne) outlining history of spill and providing soil sample results for TCLP Oil & Grease and TCLP TPH.

Map Identification Number 33 **FEEDER 31281** **Spill Number: 9307497** **Close Date:**
21ST ST & 38TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0123-672

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1563 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 38TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON-ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	MR. DEVOTI	Caller Agency:	CON-ED	Caller Phone:	(212) 580-6764
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/21/1993		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	600.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ARE CHECKING MANHOLE TO DETERMINE LEAK AREA ~80 GAL PER HOUR - WILL REMOVE LINE FROM SERVICE - NO WATER OR SEWERS INVOLVED AS YET.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX BE SITE NO. 4. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.

9/21/93: Mr. Giangrande (Con Ed UT) - feeder is out of service. Pressure has been reduced from 240 psi to 80 psi. Will use freeze and pressurizzation technique starting tomorrow to isolate leak. (CAE)

9/29/93: Mr. Giangrande - leak at 21st st & 38th Ave. Soil excavated and removed. Leak clamped. (CAE)

Map Identification Number 34 **21ST ST & 38TH AVE** **Spill Number: 8912492** **Close Date:**
21ST ST & 38TH AVE QUEENS, NY TT-Id: 520A-0123-634

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1563 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 38TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	JANE HEALY	Caller Agency:	NYSDEC	Caller Phone:	
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/18/1989		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	13200	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 4

Map Identification Number 35 **21ST & 40TH AVE** **Spill Number: 9011553** **Close Date:**
21ST ST & 40TH AVENUE QUEENS, NY TT-Id: 520A-0123-646

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 40TH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	MAJOR OIL FACILITY (>400,000 GAL)	Spiller:	CON EDISON	Spiller Phone:	(212) 566-1235
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	KIM HANNA	Caller Agency:	NYCDEP HAZ MAT	Caller Phone:	(212) 566-1235
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category:	Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class:	Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/02/1991		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	250.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

OIL WAS DISCOVERED AT 16:30 & REPORTED TO OEM AT 18:13 BY CON ED, OIL LEAK WAS APPROX 11 FT BELOW GRADE IN 20" SUPPLY LINE SERVING RAINEY TANK FARM, OIL SURGED FROM WATER SUPPLY REGULATOR ONTO STREET

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

02/02/91: CON ED ENVIORN AFFAIRS ON SCENE (EDDIE LOUIE), AAA USING 3K VAC TRUCK & REMOVING 30-50 YDS OF CONTAMINATED SOIL. NYCDEP, NYSDEC ON SCENE, DEP IWCS NOTIFIED, LEAK CLAMPED OFF, REMOVED OIL (6,000 GALS).

11/16/94: REASSIGNED FROM SIGONA TO ENGELHARDT ON 11/16/94.

3/13/03: APPENDIX B SITE NO. 4. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.

Map Identification Number 36 **37TH AVE / 14TH ST.** **Spill Number: 9308351** **Close Date:**
37TH AVE / 14TH ST. QUEENS, NY TT-Id: 520A-0123-675

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1818 feet to the NNW

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

Source of Spill:	MAJOR OIL FACILITY (>400,000 GAL)	Spiller:	CON-ED.	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:	PAUL KOSIVA	Caller Agency:	USCG	Caller Phone:	(212) 668-7936
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/09/1993		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	9000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

MAJOR LINE RUPTURED AT CON-ED. NYC FD & NYC DEP AT SCENE TRYING TO CONTAIN IT CALLED VAC TRUCK TO SUCK UP MATERIAL NOTIFIED EPA WANT A CALL BACK. O'DOWD

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Appendix B site 1.

10/9/93, 8:45 PM: called USCG Lt. Trabocchi - she said nothing got into East River. FDNY has dammed it up.

9:00 PM: spoke with Joe Cuzzo (NYCDEP Sewers) - he said his guy is at scene.

10:00 PM: arrived at scene - NYCDEP, NYPD, FDNY, NYC Sanitation Police, Con Ed, American Red Cross, AAA and MEG on site already. Original call came in as 5,000 gallons of #2 fuel oil (wrong). Actually low pour #6 oil. Met with Carmine Sabatasso and John Mitchell (Con Ed), Steve (AAA) and Bobby (MEG). AAA had a 3,000 gallon vac truck, 2 more bigger trucks coming. MEG had 6,000 gallon vac truck (1 more coming). Spill is contained on 14th Street between 21st St. and 37th Ave.Possible broken check valve. 20 inch pipeline. Sanitation applied sand and diked off. Oil is all over street, but none in East River of in sewage treatment plant yet. Storm drain clogged with sorbents. Pipeline runs from Ravenswood to N. 1st Street.

11:00 PM: Spoke to Randy Austin - need to modify AAA 364 permit so they can bring oil to Con Ed Astoria and empty product into tank. MEG is already permitted to do so.

11:30 PM: Call from RA - got verbal approval for Emergency Authorization to 364 permit to transport oil to Astoria. (KO'D)

10/10/93, 10:35 AM: Got spill update from Brett Putnam - 8,000 to 9,000 gallons #6 oil.

2:15 PM: Arrived at site. Met with Jerry (Con Ed) and Bobby (MEG). 4 vac trucks still on site. Most free product sucked up. Applying more sand. Clean Up Plan: apply sand and pick up (2x); steam clean (cosmetic) - hopefully before Tuesday morning (school opening). ConE d fixed valve and pipeline is running. No accurate estimate of how much oil recovered. (KO'D)

10/13/93: spoke with Pete from AAA. They have recovered 27,000 gallons of #6 oil so far. (CAE)

10/19/93: spoke with Barry Vucca of NYC Parks - he said that Con Ed still has to brng in some clean topsoil but so far he is very satisfied with clean up. (CAE)

10/20/93: Notice of Violation issued by FDNY to Con Ed for failure to monitor pipeline operations.

3/4/03: transferred from Engelhardt to O'Connell.

Map Identification Number 37 **VERNON TO QUEENSBRIDGE** **Spill Number: 9613180** **Close Date:**
40TH AVE & 13TH ST QUEENS, NY TT-Id: 520A-0123-787

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1999 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 40TH AVE / 13TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	MR ROTOLA	Notifier Phone:	(914) 966-0629
Caller Name:	STEPHEN ROMERO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/06/1997		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	530.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SUSPECTED LEAK ON FEEDER #31282LM

LEAK HAS NOT BEEN FOUND YET - CALL BACK FROM CON ED AT 1600 THEY

FOUND MATERAL IN THE SEWER SYSTEM AT 40TH AVE AND 13TH STREET

CONTRACTOR CONTACTED AND IS HANDLING THE SPILL AT THIS TIME

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
See also spill #9613192.

2/6/97: Arrived @0935. Jerry Matterazzo - Con Ed, Gaylord Hanson - MEG. Leak found at 0630 -0700, clamped at 0700 hrs. Location 40th Ave & 13th St. 150 gallons almost pure oil recovered so far. Con Ed checking adjacent storm sewers and utilities - no oil.

2/11/97: John Hegerty - Feeder from Vernon to Queensbridge Substations. 760 gallons lost. Permanent repairs made 2/7/97.

9/23/03: Appendix B site no. 4. Transferred from Engelhardt to O'Connell.

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E2MIS 103932

06 FEB-1997 13:00:00 VERNON S/S OPERATOR ROTOLA.A#49961 REPORTS PH#8 FDR 31282 L&M LOSS OF 530 GAL. LOCATION OF LEAK UNKNOWN.

OPERATOR STATES MONTORING FDR APPROX 1HR. SHIFT MGR BRYAN.T#95790 & SHIFT SUPERVISOR HAGGERTY.J#49555 CONTACTED. ENTRY MADE IN STATION LOG AND ORACLE GROUP 06-FEB-1997 14:12:00 CONTACTED. SHIFT MGR BRYAN. DROP CHECK IN PROGRESS AND FDR IN SERVICE. NOTE:FDR RUN FROM VERNON TO QUEENS BRIDGE S/S

06-FEB-1997 @18:05

REPORTED OIL FOUND IN SEWER AT 40TH AVE. AND 13ST. QUEENS. EXCAVATION FOR OIL LEAK IN PROGRESS.

Sealed leak, blocked nearby sewers/drains with spill kits, removed/recovered liquid/solids, used absorbents to remove residual fluids, removed visible traces of oil, washed stained areas, excavated contaminated soil, bluestone. Recovered oil/water 2,730 gal, excavated soil/bluestone 20 + 20yd.

Manifests CT F 0547860.

Lab Seq No: 97-01448

Results of Analysis

Aroclor: 1254

Results: <1.0 ppm

MDL: 1.0

13:30 - 2/6/97 CSO reports 500 gallons loss in 24 hrs UT crews to check MH's + 3" lines contractor called to dig probe pits PFT van at Brookhaven. Labs to be called for availability.

15:40 - All line MH's checked negative. Fdr to be 00E + pressure reduced.

16:30 - UT found sun #6 flowing in sewer at 40th Ave + 13th St. MEG called. VNR on site excavating samples taken. CIG notified.

16:55 - Sewer line plugged w/mats and pads.

17:00 - NYCFD Capt. Daniels on site. Con Ed instructed to block off 40th Ave. Haz mat team also
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17:30 - NYFD left location

17:40 - ERT rep on location

17:45 - Excavation contractor uncovered pipe leak found 3 o'clock

17:45 Eckstrom (Opauth) 1hr response beat did not find any oil in East River around Ravenswood/Vernon S/S. Returned to dock.

17:50 - MEG response on location placed absorbants in sewer.

18:45 - Clamp installed & holding - cleanup starting.

21:10 - Pressure raised slight drip bucket placed underneath.

2/7/97 - 12-8 - 36" long barrel being fabricated.

8-4 Barrel installed.

14:35 - Barrel installed and pressure tested UT signed off repairs complete.

16:30 - Entered sewer 40th Ave and 13th Street.

16:55 - Sewer plugged w/pads mats. Recovery well installed by MEG during restoration of area.

Map Identification Number 38 **NO. 7 PIPELINE** **Spill Number: 9402566** **Close Date:**
21ST STREET & 41ST AVE QUEENS, NY TT-Id: 520A-0123-696

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2075 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 21ST STREET / 41ST AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	MR. DEVOTTI	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/21/1994		EQUIPMENT FAILURE	NO	NO

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

Caller Remarks:

#7 FUEL OIL LINE LEAKED- NOTIFIED NYCFD, OP DEPT. DEP, U.S.C.G.; OIL BEING CONTAINED STREET EXCAVATION ONGOING. WANT A CALLBACK .

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 4. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.

5/21/94, 5:45 PM: spoke with Mr. Devoti (Con Ed CIG) - Con Ed noticed oil coming up through street. They were walking line because it was out for repairs. 20" diameter pipeline connects North 1st Street and Ravenswood GS. MEG has been mobilized. (KO'D)

5/21/94, 7:45 PM: arrived at scene. No oil noted in subway. Con Ed was doing a routine inspection. Spoke with Jerry (Con Ed) - noticed #6 oil on street by curb (diked off with speedy dry). Also on scene is Gaylord Hanson from MEG. MEG will vac out sanitary sewer (in middle of street - just a little went in). Nothing is showing up at treatment plant yet. Will also clean Con Ed manhole right next to excavation. To clean up street. Will suck up any oil in excavation, pick up and dispose contaminated soil. They are just breaking ground now - nothing in excavation. Nothing in sewer either upgradient or downgradient. 1000 gallons estimated. (KO'D)

7/25/94: e-mail from Con Ed (Harry Coates) outlining design for horizontal collection system in trench. (CAE)

Map Identification Number 39 **MH # 12778** **Spill Number: 0712062** **Close Date:**
21 STREET & 41 AVENUE QUEENS, NY TT-Id: 520A-0214-492

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2075 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 41ST AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMOCONNE	Contact for more spill info:	ERT DESK‘ MIKE DAUGHTERY	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/14/2008		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	400.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Leaking from the feeder pipe in manhole# 12778. ConEd#209916 No impact to the environment.

DEC Investigator Remarks:

209916. see eDocs

Map Identification Number 40 **12TH ST & 40TH AVE** **Spill Number: 8912495** **Close Date:**
12TH ST & 40TH AVE QUEENS, NY TT-Id: 520A-0123-635

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2240 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 12TH ST / 40TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/16/1990		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	5000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 4.

Map Identification Number 41 **12TH ST & 40TH AVE** **Spill Number: 8710979** **Close Date:**
12TH ST & 40TH AVE QUEENS, NY TT-Id: 520A-0123-603

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2240 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 12TH ST / 40TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/29/1988		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1300	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 4

Map Identification Number 42 **FEEDER 61** **Spill Number: 9403244** **Close Date:**
11TH ST/38TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0122-365

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2319 feet to the NW

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

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	3867	GALLONS	0	GALLONS	SOIL

Caller Remarks:

VOLUME OF OIL LOSS IN FEEDER CALBE DISCOVERED TEAM INVESTIGATING TO DETERMINE LOCATION OF LEAK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

6/14/94, 3:05 PM - John Haggarty reports that this is probably same as spill #9315228 which mysteriously stopped in March. Leak has been isolated to a 5" outlet line at Rainey Public Utility Regulating System (PURS). Isolated by pressure test. One freeze test done. Tried tracer but limited sucess due to diffusion of tracer gas.

6/30/94, 10:10 AM - John Haggarty says leak found ~ 300 feet south of 38th on 11th on 6/16. Temporary clamp installed at 1300 hours, permanent repair completed at 2235 hours. Final volume of leak 3867 gallons.

6/30/94, 1517 hrs - Spoke with Mr. Devoti - have record of repair but never notified DEC. Environmental Affairs was updated, they made determination that no further notification was required. The person who made the decision is Glenn Newell.

10/10/95: This is additional information about material spilled from the translation of the old spill file: 12 GPH.

3/5/03: TRANSFERRED FROM ENGELHARDT TO O'CONNELL. APPENDIX B SITE NO. 1.

Map Identification Number 43 **FEEDER #61** **Spill Number: 9315228** **Close Date:**
11TH ST & 38TH AVE QUEENS, NY TT-Id: 520A-0123-691

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2319 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 11TH ST / 38TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:	P.O. RHODES	Caller Agency:	USCG	Caller Phone:	(212) 668-7920
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/25/1994		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	2249	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CON-ED FEEDER LINE LEAK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
3/31/94: Rainey Queens to Farragut, feeder #61. Leaking at rate of 7 gals/hour - 800 gallons so far. At 1016 hrs, Engelhardt spoke to John Hegerty (Con Ed) via telephone. They have it narrowed down to a 3 mile stretch between Rainey substation and a diffusion chamber manhole 1/2 mile into Brooklyn. Total length of feeder is 6 miles. The leak is on a 5" recirculating line.

4/11/94, 3:03 PM - John Hegerty says leak stopped on 3/31/94. He said this sometimes happens due to something in the line plugging the leak, but that they usually resurface sometime down the road.

2/9/98: Update from Lise Lukeshides, Con Ed ERT - After leak stopped on 3/31/94, search for leak location was terminated on

4/6/94. Total loss of product was 2249 gallons. The leak began again on 6/6/94, and leak was located on the 5" return line on 11th St. south of 38th Ave. in L.I. City on 6/17/94, and repairs were made. An additional 3867 gallons was leaked during the second event. Total loss = 6116 gallons. Second leak event was reported to DEC as spill # 9403244.

APPENDIX B SITE NO. 1. TRANSFERRED FROM ENGELHARDT TO O'CONNELL.

Map Identification Number 44 **11TH ST & 38TH AVE** **Spill Number: 9013325** **Close Date:**
11TH ST & 38TH AVE QUEENS, NY TT-Id: 520A-0123-648

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2319 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 11TH ST / 38TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/10/1990		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	6000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 1.

Map Identification Number 45 **36TH AVE & 13TH STREET** **Spill Number: 9307883** **Close Date:**
36TH AVE & 13TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0123-673

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2359 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 36TH AVE / 13TH STREET
Revised zip code: NO CHANGE

Source of Spill:	MAJOR OIL FACILITY (>400,000 GAL)	Spiller:	CON EDISON OF NY, INC.	Spiller Phone:	(212) 460-4833
Notifier Type:	DEC	Notifier Name:		Notifier Phone:	
Caller Name:	ANTHONY SIGONA	Caller Agency:	DEC	Caller Phone:	(718) 482-4933
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/27/1993		EQUIPMENT FAILURE	NO	YES

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	10000	GALLONS	0	GALLONS	SEWER

Caller Remarks:

NYC DEP DETECTED OIL AT THE BOWERY BAY TREATMENT PLANT, WAS TRACTED TO CON EDISON. 20" OIL PIPE LINE RUNNING FROM RAVENSWOOD GEN STA. TO NORTH FIRST ST. PLANT IN BROOKLYN. AAA CONTRACTORS ENROUTE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
9/28/93: 36th Ave. & 13th St., Queens. NYCDEP reported heavy oil at their Bowery Bay Pollution Control PLant. Arrived at scene at 4:30 PM, met A. Sigona, Tom Thomas and Al Gordon from DEP. Pulled some manholes on 13th Street ~ 100 feet wouth of 36th Ave. and on the corner of 13th St. and 36th Ave. Fire Dept and FD Haz Mat team arrived shortly and left soon thereafter. Soon after that Carmine S from Con Ed arrived. Excavated street and found a lot of oil coming up from in between the pipeline (~8 feet below grade) and the wall of the sewer vault which are within inches of each other. Left site @ 12:55 AM. (CAE)

11/15/93, 10:20 AM: four soil samples taken from excavation. There is bedrock about 1 ft below soil at sample locations #1 and 2. Con Ed believes that bedrock is below #3, although couldn't feel it with a spike. My suggestion is that Con Ed excavate to bedrock, they can backfill without any sampling. Carmine S. very distressed that he couldn't backfill. They were prepared to do so. He says we should issue them something in writing regarding standard satisfactory clean up/excavation recommendation. (CAE)

11/19/93: Meeting with Al Gordon (DEP) to inspect sewers affected by spill at 36th Ave/13th St. Could not look at manhole closest to leak, where oil was entering sewer, because it was covered by steel plates. But checked manholes in area.

MH1 - could not open

MH2 - some oil still in pipe leading from MH1 and to MH3

MH3 - no oil seen

MH4 - no oil seen

MH5 - no oil seen

MH6 - some oil staining in pipe leading from MH1

Al Gordon says the amount of oil seen is acceptable. He says he knows they steam cleaned MH2 and MH3 (even though MH2 still has some oil in it). He wants to see MH1. I said he could see it next time steel sheeting is moved. (CAE)

11/24/93: soil sample results received. Samples run for TCLP Oil & Grease - results range from 1.9 to 2.7 ppm. (CAE)

11/29/94: REASSIGNED FROM SIGONA TO ENGELHARDT.

3/4/03: Appendix B site 1. Transferred from Engelhardt to O'Connell.

Map Identification Number 46 **BET. FARRAGUT & RAINEY** **Spill Number: 9307820** **Close Date:**
11TH ST/37TH/38TH AVE BROOKLYN, NY TT-Id: 520A-0133-764

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2394 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 11106

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/27/1993		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	600.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

JACKET LEAK ON FEEDER CABLE. INVEST. IN PROGRESS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Appendix B site 1.

9/29/93, 4:00 PM: spoke with Mike Giogrande (Con Ed) - actively checking manholes and pressure dropping/isolating line. (CAE)

10/6/93, 10:20 AM: still haven't found source of leak. Spoke with John Heggerty (Con Ed) - says they are still checking manholes - they may be close. Leaking at rate of 4 to 5 gph so at this point, spill is on the order of 1600 gallons. John says he will call back this afternoon when he knows more. (CAE)

10/7/93: Update from USCG. Facility is losing ~5 gallons per day [should be per hour] at unknown location. (S Camissa)

10/13/93, 2:00 PM: Spoke with John Hegerty - still haven't found source of spill. Beginning to freeze line today, which is 7 or 8 miles from end to end. They will dig when they have narrowed it down to 100 feet. At this point, spill size would be ~2500

gallons. (CAE)

10/19/93, 10:00 AM: leak near 11th Street and 37th Avenue. Narrowed down to a 100ft. section. To date spill ~ 2600 gallons.

10/25/93, 10:05 AM: leak repaired on Saturday 10/23 at 11th STreet between 37th and 38th Street. So far ~ 3000 gallons leaked.

Map Identification Number 47 **FEEDER 63** **Spill Number: 9200870** **Close Date:**
11TH AVE/37TH ST/38TH ST QUEENS, NY TT-Id: 520A-0137-035

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2394 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 11106

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	ERNIE REINLAND	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/22/1992		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	900.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

SUBSTATION; PATH OF 345KV FEEDER. CON ED CREWS INVESTIGATING.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
4/23/92: John Hegerty (Con Ed UT) - lowered pressure. 900 gallons in 12 days, leak now 3 gallons per hour. Emergency is greater than 20 gph. (AJS)

11/22/94: REASSIGNED FROM SIGONA TO ENGELHARDT.

7/17/9?: Con Ed identified location as 10th St. between 37th and 38th Ave in Appendix B Conceptual Plan. (CAE)

1/23/98: UPDATE FROM BERNICE JONES, CON ED ERT - TOTAL AMOUNT LEAKED WAS 7,000 GALLONS FROM FEEDER #63, 5" FEEDER.

5/22/02: E-mail response from Rich Perusse to inquiry from DEC -

"Internal files indicate that this spill is associated with Appendix B Site 1, and provides a location of 10th Street/37th Avenue/38th Avenue. The feeder number, date and DEC spill number match. However, the spill volume is indicated as 3,000 gallons."

Part of Appendix B site 1. Transferred from Engelhardt to O'Connell. (JHO)

Map Identification Number 48 **NATIONAL R.R PASSENGER** **Spill Number: 9300199** **Close Date:**
SUNNYSIDE ON 10 TRACK LONG ISLAND CITY, NY TT-Id: 520A-0136-314

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2402 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 3929 HONEYWELL AVE
Revised zip code: 11101

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	ANTHONY J ARMONE	Caller Agency:	AMTRACK	Caller Phone:	(212) 630-7665
DEC Investigator:	VXBREVDO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/05/1993		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SOIL ON SOIL OF OLD TRACK-1ST NOTICED 1 WEEK AGO

DEC Investigator Remarks:

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

6/25/08: Reassigned from Vadim Brevdo to Kartik Chanda. (Chanda)

8/8/08: Chanda has reviewed the spill related documents and sent a letter to RP (Ms. Emma Cattafi, Senior Environmental Coordinator, National Railroad Passenger) requiring that the following information/documents be submitted to DEC by 10/8/08;

1. An explanation of the cause of the tank/equipment 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.

10/15/08: Chanda received a letter from Emma Cattafi, Sr. Environmental Coordinator, AMTRAK. Theis letter under review. (see eDocs)

Map Identification Number 49 **CON ED FDR - QUEENSBRIDGE HSES** **Spill Number: 8707045** **Close Date:**
12TH ST / 41ST AVE LONG ISLAND CITY, NY TT-Id: 520A-0123-597

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2506 feet to the W

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

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 460-2066
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	TIMOTHY SLAUSON	Caller Agency:	NYCTA	Caller Phone:	(718) 330-4581
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/17/1987		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	10000	GALLONS	2800	GALLONS	SEWER

Caller Remarks:

OIL HAS BEEN NOTICED FOR SEVERAL WEEKS, COMES FROM DRAIN ON SUBWAY PLATFORM. SUSPECT AN ADJACENT HOUSING PROJECT AND CON ED SITE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

APPENDIX B SITE 4a.

PIN job opened by Sullivan, Tomasello. After Con Ed signed Consent Order with NYSDEC in 1994, Con Ed took over remedial system (several recovery wells pumping total fluids to oil/water separator).

6/8/95: Meeting with Con Ed to transfer clean up costs from DEC to CoN Ed. DEC will sirt through our file and pull out any confidential info, then hand over a copy of file to Leon Paretsky. Fenley & Nicol will start billing Con Ed beginning July 1.

History: DEC (F&N) installed system following complaints from NYCTA. Performed pump & treat for a period of time. Shut system off, and oil started coming back into the subway. F&N needed to re-start the system but NYCHA had damaged the tanks while they were doing work. They repaired system and restarted it.

Paretsky asked if F&N found any residual contamination around NYCHA fuel oil tanks. Pedneault determined from well samples that contamination is 97% dielectric fluid, 3% fuel oil. Samples were taken from all wells.

System is multi-point recovery system on old marsh area. Silt makes effective radius of influence small. Oil/water is pumped to oil/water, water is discharged to sewer system. System is pneumatic. Compressor and panel board are in NYCHA basement. Also, Pedneault did analysis and found dissolved polybutene and/or alkylbenzene. (CAE)

7/21/98: Spoke with Yelena Skorobogatov (Con Ed Remediation). Agreed to allow Con Ed to modify monitoring program as follows:

1) perform monthly system checkups (excluding maintenance of ejector pumps)
2) Perform quarterly routine maintenance of ejector pumps (including removal and cleaning)
3) Perform quarterly monitoring of monitoring wells
4) submit semi-annual status reports (CAE)

2/1/00: phone call from Yelena Skorobogatov - contractor was doing monthly inspection of recovery system and found hole in ejector line coming from one of the product only pumps. System was shut down, and all ejector pumps were pulled and taken to the shop for repair. No evidence of any actual leakage of product from hole in line - hole was inside one of the manholes.

Measurement of oil levels in the wells showed that only one has recoverable thickness of product, other two wells have only a film of oil. YS wants to put one ejector pump bakc in when repairs are completed, and sorbent socks in remaining wells. Operate and monitor system for a few months to evaluate effectiveness. According to YS, approximately 2500 gallons of oil have been recovered, most of it in the first 5 years of system operation (i.e., before Con Ed took system over). Recovery since then has been negligible. Possibly its time to re-think the remedial system at this site. (JHO)

3/5/02: met at 21st St. subway station with Mark Warrell (Con Ed Remediation) and Mr. McCord (NYCTA). After a long process we found the "vent room" where original spill had been reported by Transit. The room had some water on the floor, and some biological slime, but no oil to speak of. I told Mark Warell that DEC will review Con Ed's request to decomission the recovery system. (JHO)

3/21/02: letter sent to Con Ed approving the decomissioning of the automated product recovery system, and initiation of a quarterly monitoring and passive product recovery program. The letter indicated that Con Ed had to continue to submit quarterly progress reports for the site. (JHO)

12/3/02: e-mail to Rich Perusse (Con Ed Remediation) indicating that no progress reports had been submitted since the March 1999 report. (JHO)

4/4/03: Formal work plan for system decommissioning submitted. (JHO)

4/22/03: Comment letter on WP sent to Con Ed. (JHO)

6/17/03: Con Ed submits Work Plan for VEFR and a Gauging/Groundwater Sampling Plan for review. Also, a revised Product Recovery System Decommissioning Work Plan was submitted. (JHO)

8/21/03: Confirmation received from Jacques Whitford Co. regarding number and frequency of VEFR, well gauging and sampling events. One VEFR event is planned, and gauging/sampling will be conducted 3 times on a monthly basis after completion of the VEFR. Letter approving the decommissioning work plan and the VEFR work plan sent to Con Ed. (JHO)

2/5/04: Site visit with Vito Mariani (Con Ed), Steve Saccacio (NYCHA)and Eleanor Capasso (Jacques Whitford Co.) - site walk-through for contractors who are bidding on decommissioning job. In addition, 5 additional wells will be abandoned (FN-2, FN-3, FN-4, FN-14 and PZ-2). During gauging today product was found in well PZ-3 (at corner of building "B" where sump pit has been impacted). This well was VEFR'ed today. They will try to collect a sample from the sump for oil ID. Well decommissioning method to be determined (i.e., overdrill and remove vs. grout-in-place). (JHO)

2/19/04: e-mail to Eleanor Capasso and Vito Mariani:
"I have reviewed the historical gauging info for the wells at this location. I think we can safely abandon the following wells:

FN-2

FN-3
FN-12
FN-13
FN-14
FN-15 (if you can locate it)
PZ-1
PZ-2

The preferred method of well abandonment is casing pulling. If that proves infeasible, the next preferred method would be overdrilling. These methods are outlined in the "Groundwater Monitoring Well Decommissioning Procedures" guide, dated October 1996." (JHO)

9/8/04: Met on-site with Eleanor Capasso, Steve Saccacio and MEG. All piping and lines have been removed and conduits grouted. Pull pit 1 is filled with grout. Pull pits 2 and 3 are to be filled to within 2" below grade with grout, then finished with topsoil and seeded. Well FN-12 - the full casing was removed, and they are losing grout in the hole - gave permission to fill with sand/gravel to 1' above water table, then grout remainder. Well FN-13 - top 3' of casing removed. To be grouted-in-place. (JHO)

1/31/05: Decommissioning Report submitted for review. The following wells were abandoned:
FN-2, FN-3, FN-12, FN-13, FN-14, PZ-1 and PZ-2. In addition, the oil water separator and the oil storage tank were disconnected and removed. All underground piping/air/product lines were pulled from their conduits and the pull pits were cemented.

Remaining wells (RW-1, PZ-3, FN-5, FN-6, FN-8, FN-9, FN-9A, FN-10 and FN-11) were subjected to VEFR on Feb 5, 2004 and were subsequently gauged on April 13, Sept. 24, October 21 and Nov. 18, 2004. (JHO)

4/26/06: letter sent to Con Ed, excerpted below:
"Based on the results of long-term gauging of wells at the site, the Department agrees with the recommendations made in the letter report, with the following caveats:
The following wells should be properly abandoned utilizing NYSDEC-accepted procedures: FN-10, FN-11, MW-101 and RW-1.
The following wells should be dropped from the monitoring program, but not abandoned, since they are the property of the NYCHA: MW-102 and MW-103.
The following wells should continue to be monitored on a quarterly basis for one year, following the completion of a VEFR event: FN-5, FN-6, FN-8, FN-9, FN-9A, PZ-3. Absorbent socks should be maintained in the wells between gauging events. Following the completion of a VEFR event and one year of quarterly gauging, a summary of the results should be submitted to the Department along with recommendations for further remediation or closure.
A sample of the oil in the NYCHA sump should be collected as soon as possible and analyzed for PCBs and oil identification." (JHO)

10/16/06: met on-site with Vito Mariani (Con Ed) and Jaime Pena (Shaw Environmental) to discuss procedures for well abandonment. Shaw will be decommissioning wells FN-11, MW-101, FN-10 and RW-1. The preferred method of decommissioning is to pull the casing. In lieu of that method, they can over-drill and remove the top 5 feet of casing and grout the reminder of the well in place. The wells were to be gauged today, and will be subject to quarterly gauging and sampling beginning in December 2006. Groundwater samples from the 6 remaining wells (FN-5, FN-6, PZ-3. FN-8, FN-9 and FN-9A) should be analyzed for TPH via modified EPA method 8100, and for total benzene. In addition, the sump in the boiler room (which was clean today) will be visually inspected for

product. A sample that was collected from the sump 2 weeks ago showed evidence of no. 2 fuel oil, which is the type of oil burned in the NHCHA boilers. (JHO)

Map Identification Number 50 **38TH AVE & 10TH ST** **Spill Number: 9113339** **Close Date:**
38TH AVE & 10TH ST QUEENS, NY TT-Id: 520A-0123-658

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2561 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 38TH AVE / 10TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/27/1992		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	7000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Reported by Con Ed as required under Consent Order.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
APPENDIX B SITE NO. 1.

Map Identification Number 51 **FEEDER 62** **Spill Number: 9401092** **Close Date:**
10TH ST/37TH/38TH AVE BROOKLYN, NY TT-Id: 520A-0133-022

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2633 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 10TH ST
Revised zip code: 11101

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON ED	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	JOE DEVENNY	Caller Agency:	CON ED	Caller Phone:	(212) 580-6764
DEC Investigator:	JMOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/22/1994		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
NON PCB OIL	PETROLEUM	1200	GALLONS	0	GALLONS	SOIL

Caller Remarks:

ELEC. FEEDER CABLE LEAKING BETWEEN RAINEY SUBSTATION AND FARRAGUT SUBSTATION

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Appendix B site 1.

4/22/94, 12:40 PM: spoke with John Hegerty (Con Ed UT) - they are patrolling the feeder, taking feeder off-line. Leak rate initially 60 gph, reduced pressure, now leak rate is 12 gph. Line runs about 6 to 7 miles, goes under Newtown Creek in tunnel. (CAE)

4/28/94: John Hegerty - freeze testing between Queensboro Bridge and Rainey Substation (about 1 mile). Picked up tracer gas on 10th St. north of 40th Ave. Now leaking at 12 gph. (CAE)

4/29/94: Hegerty - Leak found on 10th St. between 37th and 38th Ave. Temporary clamp installed around 1:00 PM. (CAE)

5/23/94, 4:35 PM: spoke with Cheryl Payne (Con Ed EA) - they have installed a 4" well. It has 7" to 8" of product. Oil still

slowly seeping into sewer. Claims City has given OK to stop pumping sewer, but replace boom every other day. They are going to vacuum out all soil down to ground water. (CAE)

5/24/94: John Hegerty says they have leaked 6,222 gallons, although Gaylord Hanson (MEG) says that Con Ed field staff siad the spill is between 7,000 and 70,000 gallons. (CAE)

5/26/94, 10:00 AM: MEG to put in another well using guzzler truck. Went down 2.5 feet with ease and hit obstruction - will try to physically break up. Also developed leak in guzzler hose and oil was spraying on street. Told MEG crew to fix it and they put some duct tape on it, but this just redirected flow of oil in a different direction. Asked Cheryl Payne (Con Ed) to have them get some Speedy-Dry so that this could be cleaned up. Stopped at #6 oil leak at 21st St. & 41st Ave. on way back to office and met Gaylord Hanson (MEG). He said he would try to get some Speedy-Dry from Astoria GS. Gaylord also said he thinks 6000 gallons estimate of leak is farce. He says that he has removed 50 yards of soil, 30 yards of which was completely saturated with oil.

30 yds x 0.5 (porosity) x (3ft)3/yd3 = 405 ft3 x 7.5 = 3040 gals

Using 0.35 porosity, yeilds 2128 gallons. (CAE)

5/31/94: Cheryl Payne submits subsurface drawings for Feeder #62.

3/5/03: Transferred from Engelhardt to O'Connell.

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE SEARCH RADIUS FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
1111515	UNDERGROUND LINE	27-10 37TH AVE	LONG ISLAND CITY
0807627	QUEENS BRIDGE SUB STATION	22-09 39TH AVE	QUEENS
9403515	21ST ST/38TH AVE	21ST ST/38TH AVE	LONG ISLAND CITY
9901712	DDC- (FORMER PS 111) - LIC LIBRARY	37-15 13TH ST	LONG ISLAND CITY
0000726	SILVER STAR MOTORS	36-11 NORTHERN BLVD	LONG ISLAND CITY
0406946	FEEDER 63	11TH ST / 38TH AVE	QUEENS
9706370	FEEDER #61	38TH AVE AND 11TH ST	QUEENS

CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 52 **EXXONMOBIL -NYCT** **Spill Number: 8700671** **Close Date: 08/30/2006**
31-01 NORTHERN BLVD LONG ISLAND CITY, NY TT-Id: 520A-0135-525

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1058 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 3101 NORTHERN BLVD.
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	MELISSA WINSOR - EXXONMOBIL	Spiller Phone:	(908) 474-3613
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
04/22/1987		TANK FAILURE	2-188506	NO	NO

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

Caller Remarks:

Free product found in groundwater monitoring well

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
This spill case was reassigned from DEC (Sigona) to Rommel

on 02/10/2004.

02/28/05: Transfered from Rommel to Tibbe. Site being investigated by NYCT.

Bureau B, unassigned, due to low priority. Transferred from R-2 on April 27, 2005. Formerly R-2, unassigned.

12/15/05: Transfered back to Tibbe from Bureau B.

08-30-06: NYCT attempted to perform a subsurface investigation but continually encountered refusal. A new subway tunnel, ventilation bulding and utilities were constructed in the area of the former tanks and associated contamination. It would appear that the contamination was removed during construction becuase of the large excavation that was required to construct these facilities, but NYCT has no reports or mainfests to indicate how much was removed. Further investigation does not appear to be possible due to the ubderground structures and utilities.

Map Identification Number 53 **COMMERCIAL BUILDING** **Spill Number: 0506977** **Close Date: 01/05/2006**
40-23 24TH ST‘ LONG ISLAND CITY, NY TT-Id: 520A-0125-185

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1227 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 4023 24TH ST‘
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	VINNY LOVARI - COMMERCIAL BUILDING		Spiller Phone: (718) 967-9424
Notifier Type:	Local Agency	Notifier Name:	VINNY LOVARI		Notifier Phone: (718) 967-9424
Caller Name:	VINNY LOVARI	Caller Agency:	ISLAND TANK		Caller Phone: (718) 967-9424
DEC Investigator:	JBVOUGHT	Contact for more spill info:	VINNY LOVARI		Contact Person Phone: (718) 967-9424

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/08/2005		TANK FAILURE	NO	NO

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

Caller Remarks:

tnak removal found oil on the tank. THERE IS 3 OR 4 DRUMS THAT NEES TO BE REMOVED. THE TANK HAS BEEN CUT UP.

DEC Investigator Remarks:

11/30/2005 Sangesland spoke to rep at Island tank. She said the site was dug out and endpoints were clean. She said a closure report would be sent ASAP.

1/4/06-Hiralkumar Patel. Here is the summary of the report from Island Environmental Tank, Inc.
* According to owner, the tank has previously been used for the purpose of storing #2 heating oil and owner doesn't know when this tank was installed.
* UST was installed horizontally in the backfill material, with the top of the tank located approximately 4' below the surface.
* A 1080 gal. capacity tank was removed in the presence of Mr. Vinny Lovari of Island Tank Enviromental. After removal from cavity, tank has been cut and washed and removed oil and water mixture with vac/truck.
* No groundwater or static surface water was encountered in the tank cavity.
* Tank had pits and holes.
* Tank cavity was excavated approximately 30 cubic yard of soil in 55 gal. drums and disposed at Jamaica Recycling Inc. Jamaica, NY.
* Tank cavity was backfilled and compacted in place.
* 6 samples were taken out from cavity and tested at Severn Trent Laboratory, Edison, NJ.
* The metal tank and all metal tank system components were removed from teh owner's property and disposed of as scrap metal at John Iron & Metal Co.,Inc. 33 Arthur Kill Road, Staten Island, NY.

1/5/06-Hiralkumar Patel. No Further Action required letter has been sent to Mr. John Domenico.
Case closed as per Mr. Jeff Vought.

02/03/06-Hiralkumar Patel. Send out NFA again through fax (212-689-6082) as per John's request.

Map Identification Number 54 **SHURGARD'S BIG YELLOW** **Spill Number: 8805789** **Close Date: 07/29/2005**
32-04 NORTHERN BLVD QUEENS, NY TT-Id: 520A-0129-851

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1373 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 3204 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: LAUREN VENEZIA - SHURGARD STORAGE CENTER | Spiller Phone: (206) 624-8100
Notifier Type: Tank Tester | Notifier Name: | Notifier Phone:
Caller Name: BOB | Caller Agency: ABC TANKS | Caller Phone: (718) 272-2800
DEC Investigator: LNKLAAS | Contact for more spill info: | Contact Person Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/06/1988		TANK FAILURE	NO	NO

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

TANK TEST INFORMATION

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

Caller Remarks:

LEAKAGE INTO BASEMENT. PIPING APPEARS GOOD. SPILLAGE CONTAINED ON PAVEMENT. MONITORING WELLS INSTALLED BY FENLEY & NICOL. TANK BEING CLOSED OUT. #6FO RECOVERY POSTPONED TIL SPRING.

DEC Investigator Remarks:

07/28/05 See paper file. Fenley & Nicol installed monitoring wells, recovered and disposed of all product, and monitored wells once per week for a period of 6 months. Cleanup complete as of 01/15/90. Closed. LNK.

Map Identification Number 55 **39-15 21ST STREET** **Spill Number: 9308729** **Close Date: 03/14/2003**
39-15 21ST STREET LONG ISLAND CITY, NY TT-Id: 520A-0132-743

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1403 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3915 21ST STREET
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN | Spiller: GRAND INTERNATION INC. | Spiller Phone: (718) 729-2373
Notifier Type: DEC | Notifier Name: | Notifier Phone:
Caller Name: S. CAMMISA | Caller Agency: NYS DEC | Caller Phone: (718) 482-4933
DEC Investigator: BATTISTA | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/19/1993		TANK FAILURE	NO	NO

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

Caller Remarks:

TEST NOT COMPLETED 6000 COULD NOT OFF TANK.

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: TTF.

Map Identification Number 56 **32-15 37TH AVE** **Spill Number: 9212707** **Close Date: 03/10/1993**
32-15 37TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0133-075

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1469 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 3215 37TH AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: APT BLDG | Spiller Phone:
Notifier Type: Other | Notifier Name: | Notifier Phone:
Caller Name: STEVE TAGER | Caller Agency: PETRO TANK CLEANERS | Caller Phone: (718) 624-4842
DEC Investigator: SULLIVAN | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/10/1993	03/10/1993	TANK FAILURE	UNKNOWN	NO

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

Caller Remarks:

OIL ON FLOOR IN TANK ROOM. CONTAINED. VAC TRUCK, SPEEDI-DRI BEING USED TO CLEAN SPILL. CALLER SPILL TEAM ON SITE.

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

Map Identification Number 57 **OFFICE BUILDING** **Spill Number: 0612458** **Close Date: 02/16/2007**
29-27 NORTHERN BLVD LONG ISLAND, NY TT-Id: 520A-0133-667

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 1642 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 2927 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Other
Caller Name:
DEC Investigator: SFRAHMAN
Spiller: BOB LAGA - OFFICE BUILDING
Notifier Name:
Caller Agency:
Contact for more spill info: BOB LAGA
Spiller Phone: (718) 762-5200
Notifier Phone:
Caller Phone:
Contact Person Phone: (718) 762-5200

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/14/2007		TANK FAILURE	NO	NO

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

Caller Remarks:

CONTAMINATED SOIL FOUND AFTER PULLING TANK: 500 GALLON T ANK

DEC Investigator Remarks:

A CSL letter was NOT sent to Mr. Laga. Based on his experience, he knows the standard DEC routine on cases like this.
Sangesland left a voice message reviewing the proceedure:
Pulled tank, Excavate soil, Sample endpoints for VOC/SVOC, Submit report with results & manifests.
02/16/07 Rahman- Closure report from Franklin Company.VOC and Naphthalene are non detect in th e end point sample taken from the tank vault.Tank was 500 gallon, no holes/corrosion observed.SVOC(Benzo group) levels are slightly above the TAGM, which can be artributed as fill material.NFA required.
address corrected from 29-76 to 29-27 as per a request from Franklin Company(Bob).

Map Identification Number 58 **FALIDAS ASSOCIATES** **Spill Number: 0305348** **Close Date: 05/21/2007**
25-15 QUEENS PLAZA NORTH LONG ISLAND CITY, NY TT-Id: 520A-0129-450

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1834 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 2515 QUEENS PLZ N
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	SAME	Notifier Phone:	
Caller Name:	CYNTHIA ROBY	Caller Agency:	RIR COMMUNICATIONS	Caller Phone:	(718) 706-9957
DEC Investigator:	rvketani	Contact for more spill info:	GEORGE FALIDAS	Contact Person Phone:	(718) 392-0514

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/01/2003		TANK FAILURE	2-111651	NO	NO

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

Caller Remarks:

SPILL AT A COMMERCIAL BLD CALLER IS A TENANT AND REQ A CALL FROM DEC SPILL HAS NOT BEEN CLEANED UP BEEN SMELLING THIS FOR ABOUT 3 WEEKS

DEC Investigator Remarks:

On 7/14/05, J Peck called RIR Com. Cynthia Roby doesn't work there now. Left mesasage to return call concerning spill. Could not determine owner of property from Property Shark or Acris. Called George Falidas on 7/14/05, left message to call back. On 1/19/05, reattempted to determine owner of property. No success.

3/30/07 - Austin - Trasferred to Ketani for further review - end

5/21/07 - Raphael Ketani. I reactiviated the case today. There was very little in the case file. Some printed pages for spill #0305345 (which doesn't pertain to the case, except the memo from Mr. Sigona to Mr. Hassan), an 11/7/05 letter from Joseph Peck of DEC to George Faildas regarding the spill, printouts from Google Earth and Property Shark, and a printout of the spill report for this case.

I did a search of ACRIS, the NYC Property Tax database, and Property Shark and determined that 25-15 Queens Plaza North is just one part of the range of properties (25-01 to 25-27 Queens Plaza North) owned by Falidas Associates. It is also known by Bridge Plaza North. The block and lot are: 00415 and 0004. I called up George Falidas (718) 392-0514 of Falidas Associates and was connected to his brother, John Falidas.

I made a field visit and met John Falidas. He showed me the basement of one of the properties owned by Falidas Associates and which is near to where the tank failed 2 buildings away. We entered a work room rented by a garment making company. The floor and walls and bathroom were clean. There were no signs of oil and no oil odors. Mr. Falidas said that he had paid lots of money to get the oil cleaned up years ago and the responsible party never paid anything to him. Mr. Falidas had a package of documents from the EPA and the DEC and showed them to me. These were the RCRA Subtitle C Site Identification Form, letters from South Mall Analytical Labs to PTC, and a DEC Spill Report. He gave me copies of these documents. I was particularly interested in the old DEC spill report form as this document wasn't in the case file.

Next, I visited the 2 story building between Mr. Falidas' building and the site of origin of the spill. I met Sandro Cestaro of Atlantic Precious Metal Casting, Inc. (718) 937-7100. He showed me his basement. There were some signs of a thin film of mud in one corner of the basement, but no signs or odors of oil, even though this was the building where the oil first entered.

Lastly, I went to the site of the oil spill. The auto parts service place had burned completely, according to the old spill report case notes. This site was 41-22 to 41-30 27 Street. The site was sold to developers who later built an apartment building that was finished in early 2007. This building is listed as 41-28 27 Street. I met the super., Leonardo Colon. He took me to the lowest point in the building. This was a parking garage. There were no signs of oil nor any odors. He said he was new here and didn't know much about the building. The building management company is Golden Management and the contact person is Brandon Wechsler (718) 230-2600, ext 111.

I took 3 pictures of the apartment building and the neighboring properties. I remember seeing the dig out for the foundation for the building when I passed by the site many months back. They went down below the bottom of the foundation for the neighboring

building which contains Atlantic Precious. This is a depth of about 15 feet or so. Based upon my site visits and the fact that the old auto parts area has been dug out, and the lack of evidence of a spill, I am closing the spill case.

Map Identification Number 59 **AMTRAK SUNNYSIDE YARD** **Spill Number: 9207333** **Close Date: 11/24/2003**
39-29 HONEYWELL STREET LONG ISLAND CITY, NY TT-Id: 520A-0136-315

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2402 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 3929 HONEYWELL AVE
Revised zip code: 11101

Source of Spill: NON-MAJOR FACILITY (>1100 GAL) Spiller: ENVIRONMENTAL DEPT - NATIONAL RAILROAD PASS Spiller Phone: (212) 630-6215
Notifier Type: Responsible Party Notifier Name: Notifier Phone:
Caller Name: ROGER ANDES Caller Agency: AMTRAK Caller Phone: (202) 906-4938
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
01/01/1991		TANK FAILURE	2-323497	NO	NO

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

Caller Remarks:

ALL 14 TANKS CLEANED AND FILLED W/CONCRETE 4 TEST BORINES DONE 2/10/92, 4 EA MONITORING WELLS 3/3/92 INDICATES CONTAMINATED SOIL AND G/W CLOSED SITE 1960

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

Map Identification Number 60 **41ST AVENUE & 12ST STREET** **Spill Number: 9313090** **Close Date: 03/11/2003**
41ST AVE/12TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0122-363

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2506 feet to the W

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

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	MISS HOLLIS	Caller Agency:	NYC DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/17/1994		TANK FAILURE	NO	NO

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

Caller Remarks:

TRANSIT PERSONNEL TO INVESTIGATE FURTHER. TANK WORK BEING DONE ABOVE AT QUEENSBRIDGE HOUSES. NYC DEP WAS NOTIFIED - WOULD LIKE CALL BACK WITH ANY UPDATE INFO. STILL HAVE LEAKING AT SITE. REPORTING SAM

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
10/10/95: This is additional information about material spilled from the translation of the old spill file: LT. HEATING OIL.

3/11/03: See spill # 8707045. (JHO)

Map Identification Number 61 **OUTLET CITY** **Spill Number: 9600688** **Close Date: 05/27/2003**
42-16 WEST STREET LONG ISLAND CITY, NY TT-Id: 520A-0135-512

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2508 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 4216 WEST STREET
Revised zip code: NO CHANGE

Source of Spill: NON-MAJOR FACILITY (>1100 GAL) Spiller: D. ROTH - OUTLET CITY Spiller Phone:
Notifier Type: DEC Notifier Name: KATHLEEN A PIERCE Notifier Phone: (201) 621-2230
Caller Name: J. KRIMGOLD Caller Agency: NYS DEC R-2 Caller Phone: (718) 482-4933
DEC Investigator: SIGONA Contact for more spill info: R. PIERCE Contact Person Phone: (201) 621-2230

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
03/26/1996		TANK FAILURE	2-237981	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TAR	OTHER	0	GALLONS	0	GALLONS	GROUNDWATER
PAINT THINNERS	OTHER	0	GALLONS	0	GALLONS	GROUNDWATER
PESTICIDES	OTHER	0	GALLONS	0	GALLONS	GROUNDWATER
SOLVENTS	OTHER	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

Contaminated water soil and groundwater were found during site assessment.

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

Map Identification Number 62 **Spill Number: 0100062** **Close Date: 06/16/2003**
QUEENS PLAZA N/21ST ST QUEENS, NY TT-Id: 520A-0129-472

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2563 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / QUEENS PLZ N
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:	FIREFIGHTER GIORDANO	Caller Agency:	NYC HAZMAT	Caller Phone:	(917) 769-0483
DEC Investigator:	SMSANGES	Contact for more spill info:	FIREFIGHTER GIORDANO	Contact Person Phone:	(917) 769-0483

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/03/2001		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

saddle tank on tractor trailer became dislodged and spilled oil onto roadway and did enter sewer system. hazmat on scene

DEC Investigator Remarks:

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

Map Identification Number 63 **42-64 HUNTER STREET** **Spill Number: 9310213** **Close Date: 11/22/1993**
42-64 HUNTER STREET LONG ISLAND CITY, NY TT-Id: 520A-0129-458

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2568 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 4264 HUNTER STREET
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	SAME	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	FRANK SACINO	Caller Agency:	PETRO HEAT & POWER	Caller Phone:	(718) 545-4500
DEC Investigator:	CAMMISA	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/22/1993	11/22/1993	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CUST. REPORTED LEAK - SVC. MN. APPLIED MAGNA-OATCH - APPLIED SPEEDI DRY & P/U & DISPOSED WILL REPAIR TANK ROMORROW - ISLAND TANK CO. TO REPAIR.

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

Map Identification Number 64 **10-12 37TH AVE** **Spill Number: 9406565** **Close Date: 08/15/1994**
10-12 37TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0131-035

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2580 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 1012 37TH AVE
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	MR. BHAQWARDIN-OWNER	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	FRANK SACINO	Caller Agency:	PETRO	Caller Phone:	(718) 545-4500
DEC Investigator:	JMKRIMGO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/15/1994	08/15/1994	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CONTAINED ON CONCRETE FLOOR- SORBENT APPLIED BY PETRO PERSONNEL.

DEC Investigator Remarks:

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

CLOSED STATUS TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 65 **ABANDONED BLDG** **Spill Number: 9805230** **Close Date: 04/27/1999**
38-28 28TH ST LONG ISLAND CITY, NY TT-Id: 520A-0127-694

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 60 feet to the SW*

ADDRESS CHANGE INFORMATION
Revised street: 3828 28TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	YELLOWSTONE INDUSTRIES - ABANDONED BLDG	Spiller Phone:	(516) 485-0000
Notifier Type:	Tank Tester	Notifier Name:	JERRY KASPAR	Notifier Phone:	(610) 278-7203
Caller Name:	JERRY KASPAR	Caller Agency:	CROMPCO CORP	Caller Phone:	(610) 278-7203
DEC Investigator:	MCTIBBE	Contact for more spill info:	YELLOWSTONE INDUSTRIES	Contact Person Phone:	(516) 485-0000

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/27/1998		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1		USTest 2000/P/LL plus USTest 2000/U	0.00	UNKNOWN

Caller Remarks:

2 TANKS ON SITE UNK SIZE / BOTH TANKS FAILED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
SEE FILE.

Map Identification Number 66 **38-31 CRESCENT ST** **Spill Number: 0011444** **Close Date: 10/23/2001**
38-31 CRESCENT ST LONG ISLAND CITY, NY TT-Id: 520A-0124-306

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 414 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3831 CRESCENT ST
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	M BARKAN - 38-31 CRESCENT ST		Spiller Phone: (631) 981-2122
Notifier Type:	Tank Tester	Notifier Name:	A LOPEZ		Notifier Phone: (631) 321-4670
Caller Name:	JOHN LEDDY	Caller Agency:	PROTEST ENTERPRISES		Caller Phone: (631) 321-4670
DEC Investigator:	MCTIBBE	Contact for more spill info:	M BARKAN		Contact Person Phone: (631) 981-2122

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/22/2001		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	1000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

LOCATION IS A 2 STORY COMMERCIAL. EXCAVATE, ISOLATE AND RETEST.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
10/23/01 - Reviewed file, report recieved 10/10/01, no further action necessary. Letter sent to Don Carlo Environmental Sevrices Inc dated 10/23/01.

M.J. Hinton Region 9, temp assignment to R2

Map Identification Number 67 **CLOSED-LACKOF RECENT INFO** **Spill Number: 8705823** **Close Date: 03/04/2003**
39038 29TH ST. NEW YORK CITY, NY TT-Id: 520A-0129-460

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 662 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 3938 29TH ST.
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ST. PATRICK'S CHURCH	Spiller Phone:	(718) 729-6060
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	ADMIN. CLOSED	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/09/1987		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

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

Caller Remarks:

4K TANK FAILED TEST WITH HIGH VOLUME LEAK, WILL EXCAVATE, ISOLATE, AND RETEST. CONTACT: FRANK FLORIO (718) 729-6060.CLOSED DUE

TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
03/04/2003-Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 68 **CHURCH** **Spill Number: 0411423** **Close Date: 03/28/2005**
39-38 29TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0125-110

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 662 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 3938 29TH STREET
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	PETROLIUM TANK CLEANERS - CHURCH	Spiller Phone:	(718) 624-4842
Notifier Type:	Affected Persons	Notifier Name:	MARLON JOESPH	Notifier Phone:	(718) 624-4842
Caller Name:	MARLON JOESPH	Caller Agency:	PETROLEUM TANK CLEANERS	Caller Phone:	(718) 624-4842
DEC Investigator:	MXTIPPLE	Contact for more spill info:	PETROLIUM TANK CLEANERS	Contact Person Phone:	(718) 624-4842

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/21/2005		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4000	Unknown	0.00	UNKNOWN

Caller Remarks:

Test method was ez 3 locator plus. Inconclusive failure.

DEC Investigator Remarks:

need to send a ttf ltr

3/28/05 this spill 3 closed and referred to spill # 0411422//two tank test failures inconclusive/above product level//dry leaks...MT//////////////////////////////////

Map Identification Number 69 **CHURCH** **Spill Number: 0411422** **Close Date: 01/17/2006**
39-38 29TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0125-109

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 662 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 3938 29TH STREET
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	PETROLEUM TANK CLEANERS - CHURCH	Spiller Phone:	(646) 772-7949
Notifier Type:	Responsible Party	Notifier Name:	MARLON JOESPH	Notifier Phone:	(718) 624-4842
Caller Name:	MARLON JOESPH	Caller Agency:	PETROLEUM TANK CLEANERS	Caller Phone:	(718) 624-4842
DEC Investigator:	mxferoze	Contact for more spill info:	PETROLEUM TANK CLEANERS	Contact Person Phone:	(646) 772-7949

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/21/2005		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4000	Horner EZY3/EZY3 Locator Plus	0.00	UNKNOWN
4	2500	Horner EZY3/EZY3 Locator Plus	0.00	UNKNOWN

Caller Remarks:

Above liquid leak. Test method was ez3 locator plus.

DEC Investigator Remarks:

need to send ttf ltr

3/28/05 see also spill # 04-11423//closed out
two tank test failures at same site, both above product level..MT//////////////////////////

12/19/05 Feroze. Spill is transferred from Ketani to Feroze.
12/27/05. TTf is sent to:
ST. Patrick R.C. Church
39-38, 29 Th Street, LIC. NY 11101
Ph:718-729-6060

12/30/05 Owner representative Mr. Parmel Ernest called and told me that they will send DEC the Tank Test result shortly. Tank Test is passed.

01/17/06. Feroze received documents from Mr. Parmel Ernest that they replaced the vent pipe and they system tank test. The system Tank Test passed. Consultation with DEC Steve Sangesland the spill is closed.

Map Identification Number 70 **SEE FACTOR INDUSTRY** **Spill Number: 9801491** **Close Date: 09/15/2004**
37-11 30TH ST LONG ISLAND CITY, NY TT-Id: 520A-0127-635

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 867 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 3711 30TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	COASTAL COMBUSTION - SEE FACTOR INDUSTRY	Spiller Phone:	(800) 734-4328
Notifier Type:	Tank Tester	Notifier Name:	A. LOPEZ	Notifier Phone:	(516) 321-4670
Caller Name:	JOHN LEDDY	Caller Agency:	PROTEST ENTERPRISES	Caller Phone:	(516) 321-4670
DEC Investigator:	SMSANGES	Contact for more spill info:	COASTAL COMBUSTION	Contact Person Phone:	(800) 734-4328

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/21/1998		TANK TEST FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
8/18/2004 Sangesland spoke to Manny Caruana, Building Supervisor at See Factor Industry Inc. to discuss the specifics of what the DEC needs to close out this spill

9/13/2004 Sangesland spoke again with Manny Caruana and asked him to send in the soil borings he has along with the tank closure documents.

9/15/2004 Mr. Caruana hand delivered a package of documents to the DEC office. Included was a summary letter outlining the testing and closure of the tank. After the tank failed the tank test in 1998, it was not retested, however Mr. Caruana says he inspected the interior of the tank and said it was still secure. He states that the initial test was faulty because of a dry leak on the vent line. In 2000 the tank was abandoned by USA tanks and an abandonment certification was forwarded to the NYC Fire Dept. The building now operates on natural gas.

In Feb 2000 several soil borings were taken on the site (3 in the tank area) as part of a structural investigation for a possible building expansion. Three of these borings were approx. 10 ft from the abandoned tank and went down to 20 ft depth. There was no evidence of any soil contamination.

Based on this information, the DEC believes that there was no actual petroleum spill at this site and this case has been closed out effective 9/15/2004.

Map Identification Number 71 **37-24 24TH ST/QUEENS** **Spill Number: 8905393** **Close Date: 10/02/1992**
37-24 24TH STREET NEW YORK CITY, NY TT-Id: 520A-0125-464

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 949 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 3724 24TH STREET
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: | Spiller Phone: (718) 361-8500
Notifier Type: Tank Tester | Notifier Name: | Notifier Phone:
Caller Name: PHIL FAZIN | Caller Agency: CROWN LEAK DETECTION | Caller Phone: (516) 939-2959
DEC Investigator: BATTISTA | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/31/1989	10/02/1992	TANK TEST FAILURE	2-477893	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

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

Caller Remarks:

8K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EXCAVATE & INVESTIGATE.

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

Map Identification Number 72 **KAL REALTY** **Spill Number: 9806658** **Close Date: 06/15/2005**
29-24 40TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0135-523

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1039 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 2924 40TH AV
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CLIFF WENGLEN - KAL REALTY	Spiller Phone:	(718) 784-2842
Notifier Type:	Tank Tester	Notifier Name:	A LOPEZ	Notifier Phone:	(516) 321-4670
Caller Name:	JOHN LEDDY	Caller Agency:	PRO TEST ENTERPRISE	Caller Phone:	(516) 321-4670
DEC Investigator:	GWHEITZM	Contact for more spill info:	CLIFF WENGLEN	Contact Person Phone:	(718) 784-2842

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/28/1998		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

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

Caller Remarks:

TANK PREVIOUSLY TESTED AND FAILED - ON RETEST FAILED AGAIN

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
NO PREVIOUS SPILL REPORT

6/15/05 Heitzman: See PBS #2-23865. 3000-gallon #2 fuel tank closed January 1999, and replaced with 1500-gallon above ground, suction piped #2 fuel tank. Spill closed.

Map Identification Number 73 **CLOSED-LACKOF RECENT INFO** **Spill Number: 8709369** **Close Date: 03/13/2003**
29024 40TH AVENUE LONG ISLAND CITY, NY TT-Id: 520A-0135-524

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1039 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 2924 40TH AVENUE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Spiller: KAL REALTY (OWNER)
Spiller Phone: (718) 784-2842
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name:
Caller Agency:
Caller Phone:
DEC Investigator: ADMIN. CLOSED
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/03/1988		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	GALLONS	-1.00	GALLONS	GROUNDWATER

TANK TEST INFORMATION

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

Caller Remarks:

CONTACT: CLIFFORD WENGLIM AT KAL REALTY. 3K TANK SYSTEM FAILED PETROTITE/ LEAK RATE = -.673GPH

CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

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

Map Identification Number 74 **PS #112** **Spill Number: 9900153** **Close Date: 01/15/2004**
25-05 37TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0136-250

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1119 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 2505 37TH AVE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	CHARLIE GRUDER - PS #12	Spiller Phone:	(516) 873-3854
Notifier Type:	Tank Tester	Notifier Name:	TJ OCONNOR	Notifier Phone:	(516) 678-5115
Caller Name:	TJ OCONNOR	Caller Agency:	DRY AS A BONE	Caller Phone:	(516) 678-5115
DEC Investigator:	MCTIBBE	Contact for more spill info:	CHARLIE GRUDER	Contact Person Phone:	(516) 873-3854

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/05/1999		TANK TEST FAILURE	NO	NO

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

Caller Remarks:

Duplicate spill. See original spill # 9900152. YK.

DEC Investigator Remarks:

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

Map Identification Number 75 **PS #112** **Spill Number: 9900152** **Close Date: 01/05/2006**
25-05 37TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0136-249

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1119 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 2505 37TH AVE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	CHARLIE GRUDER - PS #112	Spiller Phone:	(516) 873-3854
Notifier Type:	Tank Tester	Notifier Name:	TJ OCONNOR	Notifier Phone:	(516) 678-5115
Caller Name:	TJ OCONNOR	Caller Agency:	DRY AS A BONE	Caller Phone:	(516) 678-5115
DEC Investigator:	AJWHITE	Contact for more spill info:	CHARLIE GRUDER	Contact Person Phone:	(516) 873-3854

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
04/05/1999		TANK TEST FAILURE	2-478741	NO	NO

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

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"

7/15/05 - Mike H left message at Board of Education - also spoke with Albert Cardino (718-784-5250), School Fireman and in charge of fuel oil tanks.

On 9/2 - Bob C - spoke with Al Cardino, who said to call the school custodian (Tom Logan) at 718-937-8214, who would have the records and could fax them. Called Tom on 9/7 & left message.

11/15/2005: Lead transfered to Joe White as part of the Spill Initiaative Project.

12/08/2005: Mr. James Merlo contacted Joe White and is checking to see if a new tank test has been performed on this tank. He will provide documentation so spill can be closed.

1/5/2006: Tha associated PBS# 2-478741 indicates that the tanks 001 and 002 have ben closed in place as of 6/1/2001. The remaining tank 003 is an above ground tank that does not require a tank test. Given that the spill was a tank failure and the underground tanks are no longer in service I am closing out this spill -------- joe white

Map Identification Number 76 **25-05 37TH AVE** **Spill Number: 9301138** **Close Date: 03/14/2005**
25-05 37TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0136-248

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1119 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 2505 37TH AVE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYC BOARD OF EDUCATION
Spiller Phone:
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: SEBASTIAN ORAFICE
Caller Agency: TANK TESTING
Caller Phone: (718) 789-3770
DEC Investigator: RWAUSTIN
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/23/1993		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

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

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
7/6/04 - AUSTIN - TRANSFERRRED FROM KOON TANG FOR REASSIGNMENT - END

3/14/05 - Austin - spill closed and consolidated with spill #9900152 - end

Map Identification Number 77 **CLOSED-LACKOF RECENT INFO** **Spill Number: 8905637** **Close Date: 03/06/2003**
37-14 33RD STREET NEW YORK CITY, NY TT-Id: 520A-0125-468

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1316 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 3714 33RD STREET
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	(718) 392-4900
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	NAT MOSER	Caller Agency:	GND SERVICE	Caller Phone:	(516) 933-1085
DEC Investigator:	ADMIN. CLOSED	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/08/1989		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

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

Caller Remarks:

1.5K TANK FAILED PETRO TITE WITH A LEAK RATE OF -.643GPH, TANK TESTER RECOMMENDED THAT THE OWNER TAKE THE TANK OUT OF SERVICE, CLEAN & FILL WITH CEMENT, TO PUT 550 GALLON TANK IN BASEMENT.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
03/06/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 78 **32-10 37TH AV** **Spill Number: 0200301** **Close Date: 06/16/2005**
32-10 37TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0136-258

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1342 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 3210 37TH AV
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: JIM DONELAN
DEC Investigator: GWHEITZM

Spiller: TED LEVY
Notifier Name:
Caller Agency: PRO TEST ENTERPRISES
Contact for more spill info: TED LEVY

Spiller Phone: (516) 984-3307
Notifier Phone:
Caller Phone: (631) 321-4670
Contact Person Phone: (516) 984-3307

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/09/2002		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
4/29/2002 - Sangesland spoke to property owner (Mr. Ron Levy).

Mr. Levy did not feel comfortable with ProTest and requested information on how to close out this spill.

Isolate and retest just the tank and just the piping.

Once the spill is closed out, owner will abandon the tank and switch to gas.

6/10/2002 Man hole on top of tank was left open. Gasket was replaced and the tank passed the retest.

7/3/2002 Mr. Levy called. He will send a copy of the tank test which shows that the tank passed the second test. He also said that he will be pulling the tank out and wanted to know the proper procedures. Sangesland provided Mr. Levy with a contact at PBS.

6/16/05 Heitzman: See PBS 2-607788. Tank was removed July 2002. Closed.

Map Identification Number 79 **CLOSED-LACKOF RECENT INFO** **Spill Number: 9105613** **Close Date: 03/14/2003**
40-40 CRESCENT ST LONG ISLAND CITY, NY TT-Id: 520A-0125-740

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1355 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 4040 CRESCENT ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	HOWARD GREENBERG	Caller Agency:	ALVIN	Caller Phone:	(718) 461-5400
DEC Investigator:	ADMIN. CLOSED	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/23/1991		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

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

Caller Remarks:

THREE 2K TANKS SIPHONED. PETROTITE.

CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

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

Map Identification Number 80 **APRT** **Spill Number: 0711618** **Close Date: 04/02/2008**

2403 41ST AVE
24-03 41ST AVE
QUEENS, NY
TT-Id: 520A-0210-399

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1417 feet to the WSW

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

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	MARLIN JOSEPH - APRT	Spiller Phone:	(718) 624-4842 ext. 1
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	bkfalvey	Contact for more spill info:	MARLIN JOSEPH	Contact Person Phone:	(718) 624-4842 ext. 1

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/04/2008		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

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

Caller Remarks:

DRY PORTION LEAK

DEC Investigator Remarks:

2/21/08 Called Dominic Casamento (718)278-0806. left message to call me back. Sent ttf letter to:
Dominic Casamento
2403 41st LLC
14-38 31st Drive
Long Island City, NY 11106

Mr. Casamento called back later in the day. He said Petroleum Tank Cleaners will be coming back on Monday to make necessary repairs. He said they told him it was a dry leak. I confirmed the above address as his mailing address. He is on vacation and will be returning Monday. bf

4/2/08 received fax from M. Salamack of PTC. Tank was emptied and lines and tank were isolated. vent line was hit by a vehicle as tank is under a driveway area. Vent line was replaced to a different area to prevent future accidents. Tank was retesed 3/10/08 and passed. Test results attached. NFA. bf

Map Identification Number 81 **MERIT OIL** **Spill Number: 9700124** **Close Date: 06/30/2004**
38-01 21ST ST ASTORIA, NY TT-Id: 520A-0132-747

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1434 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 3801 21ST ST
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	CHUCK PEDANO - MERIT OIL		Spiller Phone: (610) 278-7203
Notifier Type:	Tank Tester	Notifier Name:	ERIC BARSHAK		Notifier Phone: (610) 278-7203
Caller Name:	CHUCK PEDANO	Caller Agency:	CROMPCO CORP.		Caller Phone: (610) 278-7203
DEC Investigator:	WXSUN	Contact for more spill info:	CHUCK PEDANO		Contact Person Phone: (610) 278-7203

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/03/1997		TANK TEST FAILURE	NO	NO

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

Caller Remarks:

REMOTE FIL IS LEAKING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"
04/12/04

TRANSFERRED FROM ODOWD TO SUN

06/30/04

Site tracked under spill 9900053.

See 9900053 for current site status. Rommel

Map Identification Number 82 **LOVOUR HOME** **Spill Number: 0700688** **Close Date: 02/17/2010**
2512 41ST AVE LONG ISLAND CITY, NY TT-Id: 520A-0136-219
25-12 41ST AVE

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1444 feet to the SW

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

Source of Spill: TANK TRUCK Spiller: ERIC LOVOUR - LOVOUR HOME Spiller Phone: (718) 392-2123
Notifier Type: Tank Tester Notifier Name: Notifier Phone:
Caller Name: Caller Agency: Caller Phone:
DEC Investigator: bkfalvey Contact for more spill info: ERIC LOVOUR Contact Person Phone: (718) 392-2123

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/18/2007		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

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

Caller Remarks:

PBS No: 2-607688

DEC Investigator Remarks:

4/25/07 bf: sent ttf letter to:
Eric Levor
Queens Plaza Realty Corp.
25-12 41 Avenue
Long Island City, NY 11101-3882

5/25/07 received passing tightness test results by fax from Eric Lovor. Tried calling him at number on fax:(718)392-2123. No answer. To close this spill, he needs to submit a response to ttf letter. bf

5/29/07 Called E. Levor again and there was no answer. Called Emergency Contact # from PBS facility info (718)263-2418 and left message to call me back. bf

6/4/07 Called E. Levor at (718)392-2123. The number is no longer in service. I then left a message at (718)263-2418. bf

6/5/07 Received 2 messages from Edith Levor to call back. (718)392-2123. Called her at 3:45 Pm and she said that the tank failed the test because there were two sets of vent pipes. The old vent pipe was never disconnected. She said she will call Advanced Tank after she hangs up with me and have them prepare a response to the ttf letter. bf

11/8/07 Called E. Levor. Left message that i still have not received letter from Advanced Tank and to call me back. Called Vinnie the Tank Doctor (718)727-0666. He said that there was an open line from a hot water heater and he plugged the line. No contaminated soil was found. He faxed paperwork to E. Levor. He was not in his office and requested I call him Monday. He will check to see if he still has the fax. bf

11/26/07 Received message from E. Levor. Called her back and left message on her machine. bf

1/22/10 Inspected site and issued NOV for expired registration, failure to monitor unmetered tank for leaks, and failure to contain/reomve petroleum discharge. Administrative settlement conference is scheduled for 2/17/10 at 10:30 AM. bf

2/17/10 PBS Settlement Conference held today. Attended by Edith and Eric levor. Provided 6/7/07 letter from Tank Doctor Inc. stating that 2 unused lines from top of tank were disconnected in building. Removed lines and tank retested and passed. NFA. bf

Map Identification Number 83 **GULF STATION** **Spill Number: 0808735** **Close Date: 08/28/2009**
23-01 41ST AVE LONG ISLAND CITY, NY TT-Id: 520A-0224-061

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1540 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 2301 41ST AVE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	TJ OCONNOR - GULF STATION	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMKRIMGO	Contact for more spill info:	TJ OCONNOR	Contact Person Phone:	(516) 678-5115

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/03/2008		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	2000	Horner EZY3/EZY3 Locator Plus	0.00	UNKNOWN

Caller Remarks:

TANK TEST FAILURE ON A 2000 GALLON UST. UNK IF ANY PRODUCT WAS SPILLED.

DEC Investigator Remarks:

TTF
1/15/09. J.Krimgold reviewed the letter-report submitted by Energy Fueling systems Corp and dated 12/22/08. According to the information provided in this letter, a 2000 gal tank failed the test due to a damaged (cut)vent pipe. The failed pipe was abbendoned in place and new pipe run was installed. Tank with pipe was retested and passed the test. NFA.

Map Identification Number 84 **GULF STATION** **Spill Number: 0308076** **Close Date: 01/07/2004**
23-01 41ST AVE LONG ISLAND CITY, NY TT-Id: 520A-0124-901

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1540 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 2301 41ST AVE
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	CUMBERLAND FARMS	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:	BRIAN BERKLE	Notifier Phone:	
Caller Name:	BRIAN BERKLE	Caller Agency:	CROMPCO CORPORATION	Caller Phone:	(610) 278-7203
DEC Investigator:	KMFOLEY	Contact for more spill info:	BRIAN BERKLE	Contact Person Phone:	(610) 278-7203

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
10/30/2003		TANK TEST FAILURE	2-480274	NO	NO

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

Caller Remarks:

liquid level failure

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "K FOLEY"
12/15/03 Letter addressed to Sigona from Environmental Systems Group. On 10/30/03, Crompco conducted precision test on tanks. One 4000gal diesel UST failed the test. Energy Storage Systems reviewed the test data and suggested the test technician failed to plug the air eliminator on the pumps and therefore the tanks failed. On 12/9/03, Crompco retested the tanks and plugged the air eliminator and the tank passed.

12/19/03

Spoke to Andy at Energy Storage systems.

As per Sigona’s recommendation, he will submit a report summarizing the first and second testing episodes. Rommel

12/23/03 Received letter from Mort Turoff at Energy Storage systems summarizing first and second tests. Diesel tank passed on

12/9/03 retest. Results on file. (KMF)

1/9/04 Sent NFA. (KMF)

Map Identification Number 85 **37-18 34TH STREET** **Spill Number: 9212419** **Close Date: 03/08/1994**
37-18 34TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0125-986

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1560 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 3718 34TH STREET
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	DR.RON BRADY	Spiller Phone:	(718) 786-3921
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	SCOTT SCHUCK	Caller Agency:	F & N	Caller Phone:	(516) 586-4900
DEC Investigator:	BATTISTA	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/02/1993	03/08/1994	TANK TEST FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

TANK TEST INFORMATION

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

Caller Remarks:

NO ACTION YET DETERMINED

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

Map Identification Number 86 **NYC TRANSIT AUTHORITY** **Spill Number: 9100729** **Close Date: 11/30/2000**
29-50 NORTHERN BLVD LONG ISLAND CITY, NY TT-Id: 520A-0125-703

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1621 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 2950 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: URS CONSULTANTS
Spiller Phone: (716) 856-5636
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: JOHN MCKERNIN
Caller Agency: TANK TECH CORP
Caller Phone: (914) 268-4153
DEC Investigator: MCTIBBE
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/18/1991		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

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

Caller Remarks:

5K TANK FAILED PETRO TITE WITH A GROSS LEAK, TANK OUT OF SERVICE FOR 12YRS, NO ACTION YET DETERMINED, TANK TEST WAS DONE WITH WATER.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
SEE ALSO 94-08603. sEE FILE

Transfered from Hale to Tibbe.

Map Identification Number 87 **AMOCO SERVICE STATION** **Spill Number: 0400123** **Close Date: 10/21/2004**
34-17 NORTHERN BLVD LONG ISLAND CITY, NY TT-Id: 520A-0124-981

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1699 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 3417 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	ADAM WOLF - AMOCO SERVICE STATION	Spiller Phone:	(516) 997-9300
Notifier Type:	Tank Tester	Notifier Name:	CHUCK PEDANO	Notifier Phone:	(800) 646-3161
Caller Name:	CHUCK PEDANO	Caller Agency:	CROMPCO	Caller Phone:	(800) 646-3161
DEC Investigator:	KMFOLEY	Contact for more spill info:	ADAM WOLF	Contact Person Phone:	(516) 997-9300

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Any Type of RP, Including No RP - DEC Field Response - Corrective Action Not Required or Not Possible

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/05/2004		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	4000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

TANK WILL BE PUMPED OUT AND INVESTIGATE FURTHER

DEC Investigator Remarks:

4/6/04 TTF letter sent out to Cary Wolf.

9/29/04 Met with B. Cohen(Certilman Balin Attorneys), B. Beck(Consultant, National Env.) with J. Rommel and L. Oliva. BP is doing cleanup under spill #8402855. Provided copy ot TTF letter dated 4/6/04. B. Beck to provide response by 10/8/04.

10/20/04 Received repair record for the premium tank line performed by Alvin Petroleum. Alvin excavated over the premium tank on 4/9/04. They found plastic in the check valve over the tank and removed the plastic and insert on valve. DIsconnected suction

line from tank, tested the line at 50lbs. and found the line tight. Reconnected and installed drop in check valve.

Received passing tightness test of previously failing premium line gas tank performed by Crompco. There was no release to the environment.

10/21/04 NFA letter mailed.

Map Identification Number 88 **107 WEST 38TH REALTY TTF** **Spill Number: 1103545** **Close Date: 10/12/2011**
3328 NORTHERN BLVD QUEENS, NY TT-Id: 520A-0263-260

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1746 feet to the SE

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

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ELLIOT - 107 WEST 38TH REALTY	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	smsanges	Contact for more spill info:	ELLIOT	Contact Person Phone:	(845) 425-9130

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/29/2011		TANK TEST FAILURE	NO	NO

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

Caller Remarks:

tank test failure. retest pending, believed to be line failure

DEC Investigator Remarks:

10/12/2011 - Sangesland reviewed a "Request for Closure" submittal from Riteway Tank dated Oct 12, 2011. Problem was a Tank Test Failure that was traced to a hole in the sidewalk fill line. The sidewalk was opened and 58 drums of contaminated soil was removed. The line was replaced and 4 end point samples were taken. Clean fill was put back and the sidewalk was repoured. Based on the end point lab results, this spill case has been closed out.

Lab results, manifests, photos etc are all in eDocs attachments.

Map Identification Number 89 **FALIDAS ASSOCIATES** **Spill Number: 8905133** **Close Date: 11/19/1992**
25-15 QUEENS PLAZA LONG ISLAND CITY, NY TT-Id: 520A-0129-451

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1834 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 2515 QUEENS PLZ N
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	FALIDAS ASSOCIATES	Spiller Phone:	(718) 392-0514
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	PHIL FAZIN	Caller Agency:	CROWN LEAK DETECTION	Caller Phone:	(516) 939-2959
DEC Investigator:	BATTISTA	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/23/1989	11/19/1992	TANK TEST FAILURE	2-111651	NO	NO

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

TANK TEST INFORMATION

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

Caller Remarks:

5K TANK FAILED HORNER EZY CHECK, STOPPED TEST, MANHOLE LEAKING, WILL REPLACE GASKET & RETEST.

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

Map Identification Number 90 **CLOSED-LACKOF RECENT INFO** **Spill Number: 9006897** **Close Date: 03/04/2003**
16-06 37TH AVENUE WOODSIDE, NY TT-Id: 520A-0130-627

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 1912 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 1606 37TH AVENUE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: MIKE PASKOFF
DEC Investigator: ADMIN. CLOSED

Spiller: CONTINENTAL BAKING CO
Notifier Name:
Caller Agency: ALVIN PETROLEUM CO
Contact for more spill info:

Spiller Phone: (718) 262-1543
Notifier Phone:
Caller Phone: (718) 461-5400
Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/24/1990		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

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

Caller Remarks:

(2) 550 GAL TANKS FAILED AN AIR PRESSURE TEST, WILL EXCAVATE & REPAIR.

CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

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

Map Identification Number 91 **38-21 12TH ST/QUEENS/ CHE** **Spill Number: 8706722** **Close Date: 02/07/1994**
38-21 12TH ST. NEW YORK CITY, NY TT-Id: 520A-0132-740

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1954 feet to the WNW

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

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name:
DEC Investigator: BATTISTA

Spiller: PATTON SCAFFOLDING
Notifier Name:
Caller Agency:
Contact for more spill info:

Spiller Phone: (718) 361-1866
Notifier Phone:
Caller Phone:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
11/07/1987	02/07/1994	TANK TEST FAILURE	2-290122	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

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

Caller Remarks:

1500 GALLON TANK COULDN'T MAINTAIN LEVEL IN THE STANDPIPE, WILL EXPOSE.

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

Map Identification Number 92 **RAVENSWOOD HOUSES -NYCHA** **Spill Number: 9611816** **Close Date: 05/14/1999**
34-21 21ST ST QUEENS, NY TT-Id: 520A-0131-046

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2020 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 2110 35TH AVE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	NYC HOUSING AUTHORITY	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	PAUL GOLDSTEIN	Notifier Phone:	(212) 306-3233
Caller Name:	PAUL GOLDSTEIN	Caller Agency:	NYC HOUSING	Caller Phone:	(212) 306-3233
DEC Investigator:	SACCACIO	Contact for more spill info:	FRANK OCELLO	Contact Person Phone:	(212) 360-3229

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
12/30/1996		TANK TEST FAILURE	' -475556'	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
003	40076	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

5/14/99 -Saccacio- Subsequent tank test failure. Previous tank test failure 9604146 on 6/26/96 will be reopened. Spill closed 3/29/99.

Map Identification Number 93 **CLOSED-LACKOF RECENT INFO** **Spill Number: 8904880** **Close Date: 03/05/2003**
35-02 NORTHERN BLVD LONG ISLAND CITY, NY TT-Id: 520A-0125-455

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2069 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 3502 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: PHIL FAZIN
DEC Investigator: ADMIN. CLOSED
Spiller: CHAMPION STATIONARY
Notifier Name:
Caller Agency: CROWN LEAK DETECTION
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (516) 939-2959
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/16/1989		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

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

Caller Remarks:

1.5K OR 2K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EXCAVATE, ISOLATE & RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"
03/05/2003- Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 94 **VACANT BUILDING** **Spill Number: 9604477** **Close Date: 09/16/1996**
12-12 37TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0136-259

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2092 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 1212 37TH AVE.
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Tank Tester
Caller Name: ROBERT KLESHEFSKY
DEC Investigator: O'DOWD

Spiller: MICHAEL VELLA - VACANT BUILDING
Notifier Name: ROBERT KLESHEFSKY
Caller Agency: DRY AS A BONE INC.
Contact for more spill info: MICHAEL VELLA

Spiller Phone: (718) 417-8491
Notifier Phone: (516) 678-5115
Caller Phone: (516) 678-5115
Contact Person Phone: (718) 417-8491

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/03/1996		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	1300	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

building is a old vacant factory

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

Map Identification Number 95 **QUEENSBRIDGE PLANT B** **Spill Number: 9205290** **Close Date: 08/16/1995**
40001 12TH ST LONG ISLAND CITY, NY TT-Id: 520A-0130-603

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2137 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 4001 12TH ST
Revised zip code: 11101

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Tank Tester
Caller Name: S LORIFICE
DEC Investigator: HEALY

Spiller: NYCHA
Notifier Name:
Caller Agency: TTI
Contact for more spill info:

Spiller Phone: (212) 306-3142
Notifier Phone:
Caller Phone: (718) 789-3770
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/07/1992	08/16/1995	TANK TEST FAILURE	2-475610	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

TANK TEST INFORMATION

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

Caller Remarks:

15K; HORNER EZ CHECK - GROSS. UPDATE: TANK REMOVED IN 1994

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

Map Identification Number 96 **QUEENSBRIDGE PLANT A** **Spill Number: 9103241** **Close Date: 08/16/1995**
40013 12TH ST LONG ISLAND CITY, NY TT-Id: 520A-0130-604

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2137 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 4013 12TH ST
Revised zip code: 11101

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Spiller: NYCHA
Spiller Phone: (212) 306-3142
Notifier Type: Tank Tester
Notifier Name:
Notifier Phone:
Caller Name: SEBASTIAN LORIFICE
Caller Agency: TANK TESTING INC
Caller Phone: (718) 789-3770
DEC Investigator: HEALY
Contact for more spill info:
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
06/21/1991	08/16/1995	TANK TEST FAILURE	2-475602	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	GALLONS	0.00	GALLONS	SOIL

TANK TEST INFORMATION

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

Caller Remarks:

15K HORNER EZ CHECK GROSS LEAK IN BOILER ROOM A, TANK # 2. UPDATE: TANKS REMOVED 1994.

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

Map Identification Number 97 **QUEENSBRIDGE PLANT A** **Spill Number: 9008034** **Close Date: 08/16/1995**
40013 12TH STREET NEW YORK CITY, NY TT-Id: 520A-0130-605

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2137 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 4013 12TH STREET
Revised zip code: 11101

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Tank Tester
Caller Name: ROBERT GANDOLFO
DEC Investigator: HEALY

Spiller: NYCHA
Notifier Name:
Caller Agency: TANK TESTING INC
Contact for more spill info:

Spiller Phone: (212) 306-3142
Notifier Phone:
Caller Phone: (718) 789-3770
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
10/23/1990	08/16/1995	TANK TEST FAILURE	2-475602	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

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

Caller Remarks:

(2) 15K TANK MANIFOLDED FAILED HORNER EZY CHECK WITH A GROSS LEAK. UPDATE: TANK REMOVED 1994

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

Map Identification Number 98 **COMMERCIAL BUILDING** **Spill Number: 0511360** **Close Date: 06/28/2006**
1204 37TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0130-591

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2155 feet to the NW

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

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	LEVENT ESKICAKIC	Spiller Phone:	(718) 784-7490
Notifier Type:	Other	Notifier Name:	LEVENT ESKICAKIC	Notifier Phone:	(718) 784-7490
Caller Name:	LEVENT ESKICAKIT	Caller Agency:	ATHENICA ENVIRONMENTAL	Caller Phone:	(718) 784-7490
DEC Investigator:	HRPATEL	Contact for more spill info:	LEVENT ESKICAKIC	Contact Person Phone:	(718) 784-7490

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/29/2005		TANK TEST FAILURE	NO	NO

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

Caller Remarks:

SOIL SAMPLES CAME BACK POSITIVE FOR PETROLEUM IMPACT

DEC Investigator Remarks:

12/30/05-Hiralkumar Patel. I spoke with Levent Eskicakit at Athenica Enviromental, who is handling environmental investigation of this site. Levent is doing Phase-I and Phase-II investigation of site. During phase II, he found contamination. this is an empty building, previously used as office and in back of building there are 3 tanks of 275 gal capacity above ground, and 1 underground tank capacity of 3000 gal. this building is financed by State Bank of Long Island and owned by Metro B.C. LLC. Levent took samples at points 8 to 9 ft apart and about 15 ft deep. From the samples of whole area, they found contamination in backyard where the tanks are. Levent found contamination in the area of 10ft*10ft*9ft.
After investigation, the building will be demolished for further use. At financing bank, the further use of this site is noted as commercial use.

Levent: Ph. (718) 784-7490 Fax. (718) 784-4085 Email: leskicakit@athenica.com
Contact Person in Metro LLC: Demetrios Demetrios (718) 937-5353 Fax. (718) 937-8743 Cell (347) 203-9923

Address of Metro LLC: 11-20 30th Ave.

Long Island City, NY

I have sent soil contamination letter today and also faxed it.

1/17/06-Hiralkumar Patel. I got letter back because of wrong address. Letter with corrected address has been sent out.
Correct Address: 1120 37th Ave
Long Island City, NY 11101

1/20/06-Hiralkumar Patel. Spoke with Levent at Athenica Environmental and as per his knowledge, the Metro LLC is now selling this property. and the new owner will do all the required remediation work. Until now Levent has not heared anything from Metro LLC or the new buyer. as soon as he get some information, he will inform me. I have asked him to send soil investigation report in email.

1/24/06-Hiralkumar Patel. Talked with Levent at Athenica. He will send me report today in email.
Received site plan, soil results and groundwater results in an emil from Levent. Reviewing report. { c:hiralkumarP4 37th ave }
- 6 soil samples, 1 groundwater sample close to UST.
- found contamination at soil sample no. 1 and 3, which are close to UST and contamination in groundwater close to tank.
- from the plan, property has 5 AST of capacity 275 gal.

Left message for Mr. Demetrios at Metro LLC. Received call from Demetrios, and he will call me back with latest information regarding cleanup on this case once he reach his office.

Received email from Levent at Athenica.

Hiralkumar:
As I mentioned to you earlier, at the request of Metro LLC, Athenica Environmental Services (AES) conducted a Phase II Focused Subsurface Site Investigation on December 2005 at the above referenced property. The results of this investigation revealed followings:
* Field investigation indicated that Site soils (B-1 & B-3) located along the former abandoned 3,000-gallon UST area (or former cesspool area), contained field evidence of petroleum contamination. The field evidence suggests that petroleum contamination soils occur at depths of approximately four (4) feet bgs to the water table, which was encountered between ten (10) and twelve (12) feet bgs.
* There was no evidence of any VOC or SVOC contamination observed within the remaining soil samples (B-2, B-4, B-5 and B-6) collected from the Site.
* The laboratory analytical results indicated that, with the exception of soil samples B-1 and B-2 collected within the vicinity of the former abandoned UST, none of the remaining soil samples (B-2, B-4, B-5 and B-6) from the Site had concentrations above the NYSDEC STARS Memo Alternative Soil Guidance Values. Soil Samples collected from B-1 and B-2 contained concentration of VOCs and SVOCs above the NYSDEC STARS Memo Alternative Soil Guidance Values.

* Laboratory results of groundwater sample GW-1 collected from the soil boring B-1 indicated that concentration of benzene and MTBE were 1.7 ppb and 24 ppb, respectively. These concentrations exceed the NYSDEC TOGS Memo Groundwater Cleanup Criteria of 1 ppb for benzene and 10 ppb for MTBE.

Based upon the field evidence and the laboratory data, AES concluded that the Site has been impacted by old petroleum-related VOCs and SVOCs in the former abandoned UST (or cesspool) area. However, based on the fact that this is a historical spill and is located approximately 4 feet below ground surface (bgs) and the fact that the entire area is covered with 6 inches of concrete floor, there are no immediate thread to the environment and the occupants of the Site. Further, the Site is not a residential and the entire area is used solely for parking and storage.

My conversation with Mr. Demetrios of Metro LLC (the Site owner) indicated that the Site will go under construction for the development of a new building approximately sometimes in 2007. AES recommended that when the proposed construction activities should take a place, environmental engineering controls including remedial action work plans, and health & safety plan should be prepared in order to protect the workers and environment and submitted to the NYSDEC for review and approval.

Regards,
Levent

LEVENT ESKICAKIT, P.G., E.P.
Phone: 718-784-7490 Fax: 718-784-4085
Email: <mailto:leskicakit@athenica.com> leskicakit@athenica.com
ATHENICA ENVIRONMENTAL SERVICES INC.
Environmental Engineering Consultants
45-09 Greenpoint Avenue
Long Island City, New York 11103

01/25/06-Hiralkumar Patel. Received email from Levent.
" This UST was abandoned in place sometimes 20 years ago.
It's supposed to be filled with sand. "

As i discussed with Vought, if this tank is empty, we can wait till they start construction in 2007.

05/03/06-Hiralkumar Patel. Received email from Levent.

Kumar:
How are you doing? Finally, I have a signed proposal to conduct required remediation activities for this Site. Right now, I am putting the

contractors together to excavate the impacted areas at the site. Please do not hesitate to contact me with any questions.

Levent
LEVENT ESKICAKIT, P.G., E.P.
Phone: 718-784-7490 Fax: 718-784-4085
Email: leskicakit@athenica.com
ATHENICA ENVIRONMENTAL SERVICES INC.
Environmental Engineering Consultants
45-09 Greenpoint Avenue
Long Island City, New York 11103

Tried Levent's number, but it is out of service. replied email and asked to send work plan including contractor's information.
Received eamil from Levent and he will send RAP shortly.

05/04/06-Hiralkumar Patel. received eamil from Levent.

Kumar:
Attached is the Remedial Action Work Plan (RAWP) along with a Site Specific Health and Safety Plan (HASP) for the above referenced property. We are looking to schedule this project for next week. Eastern Environmental Solutions, Inc., a NYFD certified environmental contractor, will be subcontractor for the excavation of the soils and/or removal of the UST (if discovered).
Please confirm.
Thanks
Levent
LEVENT ESKICAKIT, P.G., E.P.
Phone: 718-784-7490 Fax: 718-784-4085
Email: <mailto:leskicakit@athenica.com> leskicakit@athenica.com
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abstract of RAP:
- result of dye test confirmed that all 10 floor drains located at the site building, the onsite drywell (1) and two trench drains are interconnected and the final destination of these drains is the NYC municipal sewer located on 37th Ave.
- geophysical survey didn't identiy the presence of any additional USTs or former septic system other than an anomaly that might be the former abandoned UST or former septic sywtem located at the site.
- site soils consist of approx. nine ft of fill material containing brick, concrete, fly ahs, slag, fine silty sands, clay and fine gravels. native material, consisting of fine to medium sands with some silt, was observed at depths greateer than nine ft bg.

- field evidence suggests that petroleum impacted soils occur at depths of approx. four ft bg to the water table, which was encountered between ten and twelve ft bg.
- based on the field evidence and the laboratory data, AES concludes that the site has been impacted by petroleum related VOCs and SVOCs in the area where the anomaly identified during the former abandoned UST area.
- petroleum impacted material indentified during the previous investigations will be excavated and removed from the site. based on the results of the Phase-II investigation approx. 30 to 50 cubic yards of material will require excavation and subsequent disposal.
- once the required remediation activities completed at the site, AES will collect endpoint samples from the excavation.
- three groundwater monitoring wells will be installed at selected locations on the site.
- it is anticipated that two of the wells loctaion will be located in downgradient area of the release (along site boundry), one well will be located in a portion of the site upgradient of the former suspect UST or former cesspool area.
- wells will be completed to an anticipated depth of 15 ft bg.
- based on the outcome of the remediation activities at the site, minimum of two sets of groundwater samples will be collected from the monitoring well network. first set will be collected approx. one week following the completion of moniotring well installation efforts. the remaining set will be collected approx. 12 weeks from the date of initial sampling event.

COMMUNITY AIR MONITORING PLAN
- during the site excavation procedures, AES will perform monitoring of ambient air for VOCs and airborne particulates.
- CAMP requires real time monitoring for VOCs and particulates (i.e. dust) at the downwind perimeter of each designated work area when certain activities are in progress at a contaminated site.
- action level specified herein require increased monitoring, corrective actions to abate emissions, and/or work shut down.
- real time air monitoring for VOCs and particulate levels will occur at the perimeter of the exclusion zone. continuous monitoring will be implemented for all ground intrusive activities. ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.
- VOCs will be monitored at the downwind perimeter of the immediate work area. upwind concentrations will be measured at the start of each work day and periodically thereafter to establish background conditions.
- if ambient air concentration of total VOCs at the downwind perimeter of the work area or exclusion zone exceeds 5 ppm above background for the 15-minute averate, work activities will be temporarily halted and monitoring continued.
- if the VOC level is above 25 ppm at hte perimeter of the work area, activities will be shut down.
- if the downwind PM-10 particulate level is 100 mcg/m3 greater than the background (upwind perimeter) for the 15 minute period of if airborne dust is observed leaving the work area, then dust suppression techniques will be employed.
- if, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater then 150 mcg/m3 above the upwind level, work will be stopped and a re-evaluation of activities initiated.

spoke to Levent (Cell: 347-556-7787). they are planning to remove all contaminated material from site including suspected abandoned UST and any associated area. he will email me figure 2 of RAWP and phase-II investigation report.

Received figure 2 in email.

05/08/06-Hiralkumar Patel. Received call from Levent and he was asking about written approval of proposed RAWP. send email with such approval.

06/21/06-Hiralkumar Patel. REceived email from Levent.

Gentlemen:

Finally, we have received our groundwater sample results for the above referenced property. As the analytical results indicate, none of the groundwater samples collected from site contained volatile organic compounds above laboratory methods detection limits or NYSDEC TAGM groundwater cleanup criteria.
In summary, we have excavated and disposed of a total of approximately 40 tons of petroleum impacted soil from the site. Confirmatory soil samples have already indicated that no compounds were detected above the NYSDEC TAGM Soil Cleanup Criteria. Following up the excavation, we have installed a total of three groundwater monitoring wells, where we the results are presented within attached report.
Upon completion of Remedial Action Report (RAR) for the site, we will submitted it to Mr. Patel of NYCDEP requesting closure of the case number and "No Further Action Required" letter be issued for the Site.
If you have any questions, please do not hesitate to contact me.

LEVENT ESKICAKIT, P.G., E.P.
Phone: 718-784-7490 Fax: 718-784-4085
Email: <mailto:leskicakit@athenica.com> leskicakit@athenica.com
ATHENICA ENVIRONMENTAL SERVICES INC.
Environmental Engineering Consultants
45-09 Greenpoint Avenue
Long Island City, New York 11103
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no contamination found in groundwater samples. i haven't received soil test results yet. send email to Levent to send soil data with site plan with sampling locations.

06/28/06-Hiralkumar Patel. Received email from Levent.

Kumar:

Attached is the Remedial Action Report (RAR) which summarizes soil excavation, remediation, groundwater sampling, laboratory analytical results, field logs and waste manifests for the above referenced property.
The hard copy of the report with all attachments will follow via US Mail.
In summary, as the RAR indicated, all petroleum impacted soils have been excavated and disposed of the Site and confirmatory soil and groundwater samples with no detected compounds above the NYSDEC TAGM or TOGS Soil and Groundwater quality Criteria. Consequently, AES requests that the NYSDEC Case Number 05-11360 be closed and a "No Further Action Required" letter be issued for the Site.

If you have any questions, please do not hesitate to contact me.

Regards
LEVENT ESKICAKIT, P.G., E.P.
Phone: 718-784-7490 Fax: 718-784-4085
Email: <mailto:leskicakit@athenica.com> leskicakit@athenica.com
ATHENICA ENVIRONMENTAL SERVICES INC.
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Long Island City, New York 11103
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no contamination found in any endpoint sample from excavation pit. no contamination found in groundwater also.

based on available information, case is closed. NFA letter sent out to Mr. Demetrois. faxed to Mr. Demetrois and to Levent.

Map Identification Number 99 **COMMERCIAL BUILDING TTF** **Spill Number: 0909061** **Close Date: 12/31/2009**
36-52 36TH ST LONGISLAND CITY, NY TT-Id: 520A-0234-089

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 2226 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 3652 36TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ELSI DOMAGALA - ROCKWELL REALATY	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JMKRIMGO	Contact for more spill info:	BOB URBAN	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/12/2009		TANK TEST FAILURE	NO	NO

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

Caller Remarks:

Dry leak/2000gal agt

DEC Investigator Remarks:

11/24/2009 TTF letter sent to:
Ms. Elsie Domagala
Rockwell Realty
36-52 36th Street
Long Island City, NY 11106

12/31/09. J.Krimgold reviewd a letter from Rockwell realty Corp. According to the letter the tank failed the test due to a leaking vent line alarm ruber coupling. Coupling was replaced. Case closed.

5/18/10 On 5/13/10, received documentation from Mid-County mechanical, Inc. Vent line was replaced and there was no loss of product or contamination due to the vent line. Tanak tested 4/13/10 and passed. Test report included. bf

Map Identification Number 100 **CLOSED-LACKOF RECENT INFO** **Spill Number: 9013163** **Close Date: 03/14/2003**
39-29 HONEYWELL STREET LONG ISLAND CITY, NY TT-Id: 520A-0136-304

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2402 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 3929 HONEYWELL AVE
Revised zip code: 11101

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	AMTRAK	Spiller Phone:	(212) 630-7565
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	JIM KUEBLER	Caller Agency:	AMTRAK	Caller Phone:	(212) 630-7249
DEC Investigator:	ADMIN. CLOSED	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/23/1991		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

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

Caller Remarks:

20K TANK FAILED,CONTRACTOR WILL PUMP TANK,PRESENTLY ROUX ASSOCIATES PERFORMING SITE ASSESSMENT,SITE IS PART OF RIFF PROJECT,JAMES QUINN, DEC REMEDIAL ACTION (518-457-3395).

CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

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

Map Identification Number 101 **ALGUS REALTY** **Spill Number: 0112167** **Close Date: 01/04/2007**
34-56 33RD ST ASTORIA, NY TT-Id: 520A-0131-792

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2512 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 3456 33RD ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Tank Tester
Caller Name: DAVE FAZIN
DEC Investigator: rvketani
Spiller: GUS TSAMBAS
Notifier Name:
Caller Agency: CROWN LEAK DETECTION
Contact for more spill info: GUS TSAMBAS
Spiller Phone: (718) 721-2688
Notifier Phone:
Caller Phone: (516) 939-2959
Contact Person Phone: (718) 721-2688

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/26/2002		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	1500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

EPOXY PATCH ON TANK - WILL BE CLEANED,WELDED AND RETESTED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
6/4/2002 - Sangesland called Dave Fazin at Crown Leak Detection (516-939-2959) to find out if repair work was ever done to this tank. If so, Crown needs to submit a letter stating that: tank was welded, past a tank test, no visible sign of leakage.

4/14/06 - L. Alden - suggested action: Re-establish contact with Crown Leak Detection or site owner.

11/16/06 - Austin - Reassigned to Ketani for followup/review - end

12/1/06 - Raphael Ketani. The original caller was David Fazin of Crown Leak Detector (516) 939-2959. The TTF was on 3/26/02 and was the result of a failed epoxy patch. The patch was supposed to be rewelded and the tank system retested. Gus Tsambas (718) 721-2688 was involved with the site. PBS case #2-607845 with a 1500 gal. tank in service with #2 oil. The owners are Algus Realty Co., 25-26 33 Street, Astoria, NY, 11103, (718) 721-2688.

I made contact with Mr. Tsambas. The phone number was his home. He said he has the passing test results and he will send it to me. He said that the tank sits on the concrete floor and the patch is on the top of the tank. He said that no oil was released.

12/12/06 - Raphael Ketani. Mrs. Gallun of the Gallun Agency (718) 728-8120 called to ask what DEC needed to close the spill case. I told her we needed a new tank system test showing that the system is tight. She said she will have the super. call the oil company and arrange such a test, and send me the results.

1/4/07 - Raphael Ketani. I received the passing tank test results from Mr. Tsambos. Based upon these results and Mr. Tsambos' statement to me on 12/1/06 that no oil was released, I am closing the spill case.

1/10/07 - Raphael Ketani. I received a copy of the passing tank test results from the Gallan Agency - Insurance and Real Estate.

Map Identification Number 102 **TELEBAM PLAZA** **Spill Number: 0002370** **Close Date: 08/05/2000**
36-40 37TH ST LONG ISLAND CITY, NY TT-Id: 520A-0135-351

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2538 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 3640 37TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ROBERT FRANCE - TELEBAM PLAZA	Spiller Phone:	(718) 706-1111
Notifier Type:	Tank Tester	Notifier Name:	JAMES TANTY	Notifier Phone:	
Caller Name:	JERRY CURTIN	Caller Agency:	DRY AS A BONE	Caller Phone:	(516) 678-5115
DEC Investigator:	SJMILLER	Contact for more spill info:	MARYANNA VALSTAMATIS	Contact Person Phone:	(718) 726-2226

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/25/2000		TANK TEST FAILURE	YES	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	1080	Horner EZ Check I or II	0.00	FAIL
The following tank was deleted from the reported data. Data reflects last reported information.				
1	1080	Horner EZ Check I or II	0.00	GROSS LEAK RATE

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
9/05/2000, SPILL REPORT NO.0002370 REASSIGNED FROM TOMASELLO TO MILLER.

9/05/2000, SPILL REPORT NO.0002370 IS CLOSED OUT.

9/06/2000, COPY OF CLOSED SPILL REPORT NO.0002370 WITH CLOSURE LETTER MAILED TO TELEBEAM.

CLOSURE BASED ON 6/26/2000 SITE ASSESSMENT SUMMARY REPORT: SOIL RESULTS SHOWED NON-DETECT STARS FOLLOWING EARLIER OVEREXCAVATION OF 8-TONS OF PETROLEUM CONTAMINATED SOIL (COPY OF DISPOSAL MANIFEST FORWARDED TO DEPARTMENT IN LETTER DATED 8/24/2000). ADDITIONAL SUPPORTING DOCUMENTATION ALSO FORWARDED TO DEPARTMENT IN 8/24/2000 LETTER: NON-DETECT PID READINGS REPORTED FOR SOIL SAMPLES COLLECTED ADJACENT TO BACKFILLED AND REGRADED/REPAVED FORMER UST CAVITY. MILLER WAS ON SITE AND OBSERVED LATTER ACTIVITY.

Map Identification Number 103 **RAVENSWOOD HOUSES -NYCHA** **Spill Number: 9811494** **Close Date: 05/14/1999**
34-21 21ST ST QUEENS, NY TT-Id: 520A-0135-300

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2589 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3421 21ST ST
Revised zip code: 11106

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	FRANK OCELLO - NYC HOUSING AUTHORITY	Spiller Phone:	(212) 306-3229
Notifier Type:	Responsible Party	Notifier Name:	SEBASTIAN LOREFICE	Notifier Phone:	(212) 306-3229
Caller Name:	SEBASTIAN LOREFICE	Caller Agency:	NEW YORK CITY HOUSING AUT	Caller Phone:	(212) 306-3229
DEC Investigator:	SACCACIO	Contact for more spill info:	FRANK OCELLO	Contact Person Phone:	(212) 306-3229

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
12/12/1998		TANK TEST FAILURE	' -475556'	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
003	40000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

WILL ISOLATE AND RETEST

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

3/23/99 - Saccacio - Renamed Saccacio as DEC lead from Engelhardt
because the NYCHA is the spiller.

Called Frank Inoa form NYCHA and he told me that this failure was for tank # 003. The report originally did not specify a tank.

5/14/99 -Saccacio- Subsequent tank test failure. Previous tank test failure 9611816 on 12/30/96 closed and 9604146 on 6/26/96
will be reopened. Spill closed 3/29/99.

Map Identification Number 104 **RAVENSWOOD HOUSES -NYCHA** **Spill Number: 9806512** **Close Date: 03/24/1999**
34-21 21ST ST QUEENS, NY TT-Id: 520A-0135-299

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2589 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3421 21ST ST
Revised zip code: 11106

Source of Spill:	PRIVATE DWELLING	Spiller:	FRANK OCELLO - NYC HOUSING AUTHORITY	Spiller Phone: (212) 306-3229
Notifier Type:	Responsible Party	Notifier Name:	SEBASTIAN LOREFICE	Notifier Phone: (212) 306-3229
Caller Name:	SEBASTIAN LOREFICE	Caller Agency:	NEW YORK CITY HOUSING AUT	Caller Phone: (212) 306-3229
DEC Investigator:	SACCACIO	Contact for more spill info:	FRANK OCELLO	Contact Person Phone: (212) 306-3229

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
08/26/1998		TANK TEST FAILURE	' -475556'	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
4	40000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

failed horner ez 3 tank test

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

3/24/99 -Saccacio- Subsequent tank test failure. Previous tank test failure (9604148) on 6/26/96 will remain open. Spill closed 3/24/99.

Map Identification Number 105 **RAVENSWOOD HOUSES -NYCHA** **Spill Number: 9604146** **Close Date: 05/10/2005**
34-21 21ST ST QUEENS, NY TT-Id: 520A-0135-298

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2589 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3421 21ST STREET
Revised zip code: 11106

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	DAVE FORTE - NYC HOUSING AUTHORITY	Spiller Phone: (212) 306-3226
Notifier Type:	Tank Tester	Notifier Name:	GENE TOLVE	Notifier Phone: (718) 265-3355
Caller Name:	GENE TOLVE	Caller Agency:	STATE ENVIRONMENTAL SVCS	Caller Phone: (718) 265-3355
DEC Investigator:	JAKOLLEE	Contact for more spill info:	DAVE FORTE	Contact Person Phone: (212) 306-3226

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/26/1996		TANK TEST FAILURE	NO	NO

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

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
3	40076	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

could not get tank up to pressure in order to test

DEC Investigator Remarks:

5/10/05 - spill closed and refer to 0500616 for tracking purposes. - KST

Map Identification Number 106 **RAVENSWOOD HOUSES -NYCHA** **Spill Number: 9310628** **Close Date: 05/10/2005**
34-21 21ST ST QUEENS, NY TT-Id: 520A-0135-297

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2589 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3421 21ST STREET
Revised zip code: 11106

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	NYC HOUSING	Spiller Phone:	(212) 306-3142
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	SEBASTIAN LOREFICE	Caller Agency:	NYC HOUSING	Caller Phone:	(212) 306-3142
DEC Investigator:	JAKOLLEE	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/02/1993		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

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

Caller Remarks:

TO FURTHER INVESTIGATE

DEC Investigator Remarks:

5/10/05 - spill closed and refer to 0500616 for tracking purposes. - KST

Map Identification Number 107 **RAVENSWOOD -NYCHA** **Spill Number: 9008488** **Close Date: 05/10/2005**
34-21 21ST ST QUEENS, NY TT-Id: 520A-0135-294

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2589 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3421 21ST STREET
Revised zip code: 11106

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	NYCHA	Spiller Phone:	
Notifier Type:	Tank Tester	Notifier Name:		Notifier Phone:	
Caller Name:	ROBERT GANDOLFO	Caller Agency:	TANK TESTING INC	Caller Phone:	(718) 789-3770
DEC Investigator:	JAKOLLEE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/02/1990		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	SOIL

TANK TEST INFORMATION

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

Caller Remarks:

(2) 35K TANKS MANIFOLDED SYSTEM, FAILED HORNER EZY CHECK WITH A GROSS VISUAL LEAK, WILL INSPECT, REPAIR & RETEST.

DEC Investigator Remarks:

5/10/05 - spill closed and refer to 0500616 for tracking purposes. - KST

Map Identification Number 108 **QUEENSBRIDGE PLANT C** **Spill Number: 9314509** **Close Date: 08/16/1995**
40009 10TH STREET NEW YORK CITY, NY TT-Id: 520A-0130-601

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2596 feet to the W

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

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: DEC
Caller Name: JANE HEALY
DEC Investigator: HEALY

Spiller: NYCHA (JOE MONTELLA)
Notifier Name:
Caller Agency: NYS DEC
Contact for more spill info:

Spiller Phone: (212) 306-3142
Notifier Phone:
Caller Phone: (718) 482-4933
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
12/06/1991	08/16/1995	TANK TEST FAILURE	2-475602	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	-1.00	UNKNOWN	0.00	UNKNOWN	GROUNDWATER

TANK TEST INFORMATION

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

Caller Remarks:

LEAK RATE OF -0.06 GPH REPORTED AS PASSED BY TESTER. SEE SPILL # 9008076

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

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

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

Map Identification Number 109 **MANHOLE #17849** **Spill Number: 0109297** **Close Date: 12/20/2001**
38TH AV & CRESENT ST QUEENS, NY TT-Id: 520A-0128-170

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 502 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 38TH AV / CRESCENT ST
Revised zip code: 11101

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR HOGAN	Notifier Phone:	(212) 580-6763
Caller Name:	PETER MCGUIRE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6765
DEC Investigator:	JHOCONNE	Contact for more spill info:	PETER MCGUIRE	Contact Person Phone:	(212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/19/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

were going to clean up in 24hrs but found a earthen sump

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Duplicate of spill # 0109284.

Map Identification Number 110 **MANOHLE #17849** **Spill Number: 0109284** **Close Date: 02/19/2002**
38TH AV & CRESCENT ST QUEENS, NY TT-Id: 520A-0123-230

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 502 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 38TH AV / CRESCENT ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	MR HOGAN	Notifier Phone:	(212) 580-6763
Caller Name:	ANTHONY NATALE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ANTHONY NATALE	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/19/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

2 gals unk oil on 2 gals of water - sample taken --results 1536ppm of pcb - no smoke/fire/sewers/water/private property

con ed #140631

spill was reportable at 19:33 hrs- clean up equipment was not available

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

Map Identification Number 111 **EXPRESSWAY GARAGE** **Spill Number: 9830020** **Close Date: 01/23/2004**
39-15 29TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0127-847

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 605 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 3915 29TH STREET
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	EXPRESSWAY GARAGE	Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:	ANONYMOUS	Notifier Phone:	
Caller Name:	ANONYMOUS	Caller Agency:	ANONYMOUS	Caller Phone:	
DEC Investigator:	JMROMMEL	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/04/1999		UNKNOWN	NO	NO

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

Caller Remarks:

CALLER COMPLAINED THAT THE GARAGE ARE EXPOSEING THE TANK PIPING SYSTEM AND CAUSED BAD SMELL AROUND THE AREA, THE GARAGE ALOS STORE SOME OIL IN ITS BASEMENT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
CALLER COMPLAINED THAT THE GARAGE EXPOSED THE PIPING SYSTEM AND CAUSED BAD SMELL IN THE AREA AROUND. ALSO, THEY STORE OIL IN THE BASEMENT.

2/23/99

On site, spoke to a Robert Carpinelli who leases the property. According to Mr. Carpenelli, no work has been done at this property. Upon inspection, there was no evidence of recently patched floor. There is one 275 gallon waste oil tank at the property. There was no storage of oil in the basement.

Map Identification Number 112 **CONSTRUCTION SITE** **Spill Number: 0890538** **Close Date: 06/30/2008**
39-35 27TH STREET LONG ISLAND CITY, NY 11101 TT-Id: 520A-0214-339

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 635 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 3935 27TH STREET
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Citizen
Caller Name:
DEC Investigator: hrpatel
Spiller:
Notifier Name:
Caller Agency:
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/23/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

caller reported that construction contractor pulled out underground tank from front portion of the site and buried in back.
caller reported spill of sludge from this tank during transfer.

DEC Investigator Remarks:

06/23/08-Hiralkumar Patel. received request from ECO Jeff Conway to inspect the property. Jeff mentioned that they received complaint from community board. went to site (at that time no spill report was made). site was locked and had stop work order from NYC DOB. spoke with Ms. Ferrari, neighbour living at 39-39 27th STreet. she mentioned that contractor removed a tank (possible 550 gal) from front end of the site and buried in ground in back. during this transfer, sludge from tank was spilled on soil. then contractor mixed soil upside-down. view construction site area from Ms. Ferrari's backyard deck. found top of partially buried tank. could not see any contaminated soil or sign of spill in visible area from Ms. Ferrari's deck. asked Ms. Ferrari to call once contractor come back for work.

06/26/08-Hiralkumar Patel. received call from DEC Tony Morenzi. Tony mentioned that community board sent letter to DEC Commissioner. asked Tony to talk to DEC Jacob regarding opening of spill case (as no spill reported yet). DEC Tony spoke with DEC Jacob and Jacob asked to open spill case. created spill case at the subject site. spoke with Ms. Ferrari. she mentioned that contractor is on-site and removing tank.

visited site at around 10:30 AM. met guy from construction company. tank was removed in morning. no contamination found in soil in area from where tank was removed. minor odor noticed in soil.

spoke with Joe Napoli at Eastern environmental. he removed 550 gal tank in morning. he mentioned that there was about 4 inches (about 50 gal) of #2 oil inside 550 gal tank. they removed tank and cut open tank for cleaning. tank removed from site in pieces after cleaning. as per Joe, no holes noted in tank and no contaminated soil found around tank. Joe confirmed that tank was originally located in front end of site. he hasn't check original location. but as Joe mentioned that there were no holes in tank and no leak, so no investigation required currently at original location of the tank. asked Joe to submit documents about tank removal and statement regarding condition of tank (holes/leak etc.)

Capital One Construction, Inc. **construction company**
Tony Yin
Ph. (718) 388-7900 (O)

Joe Napoli
Eastern Environmental Solutions, Inc.
Ph. (631) 727-2700 (O)
(631) 965-6553 (C)
Fax (631) 727-2777
email: joenapoli@easternenviro.com

06/30/08-Hiralkumar Patel. received fax from Mr. Napoli including some black & white photographs of tank and letter regarding removal of tank. as per Mr. Napoli, "an examination of the tank revealed no visual signs of corrosion or any other defects in the tank."

discussed with DEC Jacob. he mentioned that document from Mr. Napoli is sufficient. he asked to close the case.

case closed.

Map Identification Number 113 **MANHOLE 11715** **Spill Number: 0005302** **Close Date: 06/02/2003**
37TH AV/46FT W OF 28TH ST QUEENS, NY TT-Id: 520A-0137-036

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 759 feet to the NE

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

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR WAINWRIGHT	Notifier Phone:	(212) 580-6763
Caller Name:	BILL MURPHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/03/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 QUART. CLEAN UP PENDING. CONED 132680.

SPILL FROM CUT CABLE END.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2mis 132680

8/3/00 09:48 hrs

Mark Satira #43600, Sr. Elec. Tech. with Underground East, reports at 09:20 hrs. found approx. 1 pint oil (dielectric fluid) spilled from a cut/clear 4-way 3- conductor joint onto floor of MH-11715. Joint was left sitting on arm: 2 ends sealed with shrink sleeves and 1 end bagged and taped, which was source of oil.

Spill appears to be contained. No sewers or waterways appear to be affected. Env. stop tag #03084 placed. Sample taken on emergency priority turnaround.

Cleanup pending results from Chem Lab.

As per shift managers, Underground should remove this joint prior to cleanup.

8/03/00 10:26 hrs -- Notified W. Murphy of CIG. -- W.W. #17344 --

UPDATE @ 1755 HRS 7/3/00 TEST RESULTS RECEIVED SEQ #00-07489 @ <1PPM. #12255 VDC.

UPDATE 12-3-00 2000 HRS G. JACOBI OS FLUSH DEPT REPORTS IN MH11715 , SERV BUR REMOVED 4W1W JOINT FROM STRUCTURE.

THEY DOUBLE WASH HOLE WITH SLICKS AND VACTOR REMOVED ALL SOLID WASTE. THEY FOUND A SUMP THAT HAD BEEN

CEMENTED. THEY DID NOT HAVE TO TAKE A SAMPLE FROM SUMP DUE TO IT BEING FOUND CEMENTED. THEY REMOVED E.S.TAG

#03084 LAZ # 04425

Update - 12/6/00 - 1735 hrs - Cleanup complete. Incident is closed.

UPDATE 1/29/03 VISUAL .... NO CUT JOINTS OR CABLE OR CABLE ENDS FOUND IN STRUCTURE

Map Identification Number 114 **DRUM RUN** **Spill Number: 0606062** **Close Date: 10/18/2006**

24TH STREET BW 37TH AVE & SIDEWALK (LEFT SIDE) QUEENS, NY TT-Id: 520A-0137-667

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 873 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 24TH ST
Revised zip code: 11106

Source of Spill:	UNKNOWN	Spiller:	CHRIS HAAS - UNKNOWN	Spiller Phone:	(718) 595-4784
Notifier Type:	Police Department	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	SFRAHMAN	Contact for more spill info:	CHRIS HAAS	Contact Person Phone:	(718) 595-4784

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/25/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
MINERAL OIL	PETROLEUM	15.00	GALLONS	15.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTS THAT DRUM IS ON SIDEWALK BETWEEN 37TH AND 38TH AVE. ON 24TH STREET. MATERIAL IS CONTAINED INSIDE DRUM.

DEC Investigator Remarks:

Mineral Oil??? Add to next drum run???
10/18/06 Rahman- Drum was found on 10/17/06, was pumped out, NYC sanitation was faxed the list to pick up the empty drum.

Map Identification Number 115 **OIL IN WELL** **Spill Number: 0711317** **Close Date: 06/23/2010**
37-10 24TH STREET LONG ISLAND, NY TT-Id: 520A-0210-394

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1002 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 3710 24TH STREET
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CLAIRE HUNT - ON STREET	Spiller Phone:	(973) 337-4216
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	sxahmed	Contact for more spill info:	CLAIRE HUNT	Contact Person Phone:	(973) 337-4216

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/28/2008		UNKNOWN	NO	NO

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

Caller Remarks:

SADIQUE AHNED - DEC REP WAS ON SITE-
FOUND PETRO IN WELL

DEC Investigator Remarks:

4/26/2010: Current status: During Site Characterization at the Jung Sun Laundry Plume (241102) site, oil like substance was found in one of the existing monitoring well (MW-3). During phase I and 2, two times gw samples collected from this well and no VOCs were detected. Spill will be closed soon. S.Ahmed

06/23/2010: Groundwater samples were collected from MW-3 on 2/21/2008 and 2/8/2009. Based on the laboratory data, no voc's were detected in the samples from this well. The spill is closed. S. Ahmed

Map Identification Number 116 **40-10 CRESCENT ST** **Spill Number: 0312632** **Close Date: 09/08/2008**
40-10 CRESCENT ST QUEENS, NY TT-Id: 520A-0124-953

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1056 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 4010 CRESCENT ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:	PAUL STEWART	Notifier Phone:	(631) 293-4992
Caller Name:	PAUL STEWART	Caller Agency:	ADVANCED CLEAN UP TECH	Caller Phone:	(631) 293-4992
DEC Investigator:	SFRAHMAN	Contact for more spill info:	RALPH GIORGIO	Contact Person Phone:	(718) 667-8500

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/13/2004		UNKNOWN	NO	NO

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

Caller Remarks:

this spill occured over several years . they dont believe that it has ever been reported. they have lab results that indicate elevated levels of svoc and metals. where the spill is it used to be a former fuel oil company.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
Contaminated Soil Letter has been sent to the proprty owner:

Louis Kokalis

40-10 Crescent St.

L.I.C., NY 11101

and cc to a consultant:

Ralph Giorgio

Giorgio Engineering

98 Rose Ave.

Staten Island, NY 10306

(718) 667-8500

on 2/13/04. YK.

5/25/2006 - 11:50 AM - A engineering consultant, Ralph Giorgio of Giorgio Engineering, was called concerning progress regarding the spill reported 2/13/2004. Currently, the owner of the site is seeking approval from New York City for further development on the site once the spill site has been closed. Once the plan for development has been approved by the city, site cleanup will commence according to the approved "Spill Closure Work Plan" submitted to the NYSDEC - Region 2. Approval of the development is expected to be received within a few weeks and confirmation of the development approval should be sought within this time frame. Submitted by Johnathan W. Antonizio, NYSDEC - Albany 5/25/06 12:04 PM.

Transferred back from CO ("jwantoni")

11/16/06 - Austin - Reassigned to Rahman for followup/review - end

06/08/07- I inspected the site today.There is a one family house with open lot in the backyard where the contamination was discovered.I also spoke with Ralph Giorgio and he told me that he would send us the RAP shortly.

05/19/08 Report in file cabinet-missing analytical data.(sr)

06/05/08 Rec'd subsurface investigation report prapared in 09/2003 by Advanced Clean up Technology(ACT).Six soil borings were advanced around the site.Only one sample (SB-4)exhibited a PID reading of 20 ppm, as per ACT.Two soil samples were sent to the lab for analysis.No vocs were detected above TAGM limit.Borings were advanced down to 12' below grade.Boring logs did not indicate visual or olfactory evidence of petroleum contamination.Some SVOCs(Benzoanthracene,Chrysene,Benzo Pyrene) were present slightly above the TAGM limit, but those can be attributed to historic fill mateial present at the site.No ground water was encountered at 12'.NYC DEP approved additional investigation plan under CEQR No.04DCP015Q/04DEP108Q. ACT's letter dated 09/06/06 to DEP indicated two soil samples from each of six soil borings will be taken and atleast three ground water samples will be taken to determine the flow direction.As per ACT, the site was formerly utilized for the storage of equipment from several fuel oil supply and removal companies.(sr)

09/08/08 Report in edocs.Spill can be closed due to lack of petroleum contamination presence.(sr)

Map Identification Number 117 **36-16 28TH STREET** **Spill Number: 9313982** **Close Date: 02/28/1994**
36-16 28TH STREET ASTORIA, NY TT-Id: 520A-0136-251

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1114 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 3616 28TH STREET
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	MICK CHRONOPOULOS	Caller Agency:	PETRO OIL CO.	Caller Phone:	(718) 545-3662
DEC Investigator:	CAMMISA	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/28/1994	02/28/1994	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NO VENT ALARM - ORDERED 275 GAL - SPILLED AT 261 GAL. SPEEDY DRY WILL BE USED.

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

Map Identification Number 118 **QUEENSBRIDGE SUBSTATION** **Spill Number: 9914466** **Close Date: 10/02/2003**
23-09 39TH AVE QUEENS, NY TT-Id: 520A-0133-742

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	CALLER - CON ED	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MIKE CESARE	Notifier Phone:	(212) 580-6763
Caller Name:	MIKE CESARE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	MIKE CESARE	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/22/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

defective line on rental truck - cleanup crew enroute

for cleanup

130515 - total spilled 1/2 pint

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
1/21/03 Inspected substation and could not locate any evidence indicating that this spill was not cleaned up. (KMF)

Con Ed e2mis #130515:

3/22/00 1736hrs

Substation operator reports finding 1/2oz hydraulic fluid leaked from rental truck boom on property onto bluestone. Put pads down. Waiting for supervisor to come to assist cleanup.

3/22/00 1820hrs

Cleanup completed at this time. Picked up bluestone and dirt and pads and put into 55gal drums.

4/13/00 1745hrs

Upon review of this incident, I confirmed with the operator that the boom truck was removed from the site and no further corrective actions are necessary.

Map Identification Number 119 **MANHOLE #12775** **Spill Number: 0408347** **Close Date: 01/13/2005**
22-09 39TH AVE QUEENS, NY TT-Id: 520A-0133-731

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ERT DESK - CON ED	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	MARK SCHLAGEL	Notifier Phone:	(212) 580-8383
Caller Name:	MARK SCHLAGEL	Caller Agency:	CONED	Caller Phone:	(212) 580-8383
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/28/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 gallon of material in 10 gallons of water. related to feeder 31281LM. no to the 5 ?'s, sample taken, cleanup pending. coned #156011

DEC Investigator Remarks:

e2mis no. 156011:

Alice F. Williams, Employee #75829, Specialist - Transmission Operations Department, reports on October 28, 2004 @ 14:48 Hrs.:- John Marsch, Employee # 52092, Splicer working for Transmission Operations Department, was assigned to routine manhole inspections and discovered approximately 1 gallon of oil on top of approximately 10 gallons of water in Manhole 12775 - Feeder 31281L&M. The spill is contained in the Manhole. A sample of the substance will be taken for testing.

Lab Sequence Number: 04-08885-001 - TOTAL PCB 11 ppm

Trans Ops employee Green, 03582, directed the cleanup. All State Power Vac powerwashed the manhole. Approx. 1 CY of oily debris/sediment was shipped out on manifest # APV17872 and 60 lbs. of oily debris was shipped out on manifest #APV17034. The cleanup was complete at 15:00 hrs on 11/02/04. Following the cleanup, the manhole was checked for leaks but no leak was identified.

Map Identification Number 120 **QUEENSBRIDGE SUBSTATION** **Spill Number: 0405430** **Close Date: 09/08/2004**
22-09 39TH AVE QUEENS, NY TT-Id: 520A-0133-730

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	DAN PONTECORVO - QUEENSBRIDGE SUBSTATION/C	Spiller Phone: (212) 580-8383
Notifier Type:	Other	Notifier Name:	DAN PONTECORVO	Notifier Phone: (212) 580-8383
Caller Name:	RON ELLIOTT	Caller Agency:	CON ED	Caller Phone: (212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	DAN PONTECORVO	Contact Person Phone: (212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/17/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

Up to 3 gallons spilled into the sewer. They had a fire in transformer #3 at that location. Clean up has not started as of yet.

DEC Investigator Remarks:

e2mis no 154922

Pat Keelan reports B phase bushing on Transformer # 3 went on fire and system tripped; fire was put out with sprinkler. 3 Gallons

of dielectric fluid either burnt up in fire or spilled into bluestone & sewers with an estimated 10,000 gallons of water. This transformer is associated with transformer # 69M03. This oil is being treated as 50-499. Chem lab responding to location to take sample. Clean up plan is being determined at this time.

Update

Sam Arakhan inspected the spill location with Joe Susco @ 10:00 AM on 8/18/04. Con Edison plans to have Allstate Power Vac triple wash the street and sidewalk adjacent to the spill area, and clean out the nearest catch basin. The transformer and its concrete pad will be cleaned and contaminated bluestones will be removed.

As of 1:00 PM on 8/18/04, the sidewalk, street and catch basin were cleaned and the remainder of the job will be done starting on 8/19/04 in order for repair crews to work on the affected equipment.

Update 8/19/04

The asphalt area infront the gate adjacent to TR-3 was power washed, and contaminated bluestones were vacuumed up. DEC staff approved the post cleanup sampling plan; sampling is scheduled for 8/20/04.

Update 8/30/04

Sampling results are as follows:

TEST POINT NO.1: THC by Method 8100 414 mg/Kg

TEST POINT NO.2: THC by Method 8100 484 mg/Kg

TEST POINT NO.3: THC by Method 8100 2440 mg/Kg

TEST POINT NO.4: THC by Method 8100 21300 mg/Kg

TEST POINT NO.5: THC by Method 8100 5280 mg/Kg

TEST POINT NO.6: THC by Method 8100 21300 mg/kg

TEST POINT NO.7: THC by Method 8100 1450 mg/kg

TEST POINT NO.8: THC by Method 8100 10700 mg/kg

TEST POINT NO.9: THC by Method 8100 8050 mg/kg

TEST POINT NO.10: THC by Method 8100 308 mg/kg

TEST POINT NO.11: THC by Method 8100 427 mg/kg

TEST POINT NO.12: THC by Method 8100 2110 mg/kg

TEST POINT NO.13: THC by Method 8100 5110 mg/kg

TEST POINT NO.14: THC by Method 8100 247 mg/kg

Peter Sudol informed Sam Arakhan that the locations above 10000 ppm THC will be recleaned on 8/30/04 and the locations will be resampled.

Update 9/8/04

NYSDEC Sam Arakhan and SSO Pete Sudol agreed that the 3 spots that tested over 10,000 ppm TPH should be recleaned. Allstate Power Vac was dispatched to the site on 8/30/04 and reexcavated spots 4, 6, and 8. The waste removed was 6 cubic yards of bluestone/soil. The post ex PCB results of the 3 spots tested indicated a PCB count of less than 1 ppm as per LSN 04-06959-001 to -003. The TPH results indicated the following (as per LSN 04-

06958-001 to -003):

Test Point #4 3,420 ppm

Test Point #6 1,110 ppm

Test Point #8 2,040 ppm

These results were e-mailed to the NYSDEC on 9/07/04. The NYSDEC Sam Arakhan e-mailed back permission to backfill.

Map Identification Number 121 **Spill Number: 0405428** **Close Date: 08/18/2004**

233 & 38 AVE QUEENS, NY TT-Id: 520A-0209-664

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 38TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:		Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:	NYC HAZMAT	Notifier Phone:	(917) 769-0483
Caller Name:	NYC HAZMAT	Caller Agency:	HAZMAT	Caller Phone:	(917) 769-0483
DEC Investigator:	SKARAKHA	Contact for more spill info:	NAPOLI - FIREFIGHTER	Contact Person Phone:	(718) 476-6288

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/17/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	22.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Fire caused transformer to leak.

DEC Investigator Remarks:

This spill called in by the Fire Dept is same as Spill # 0405430 which was reported by Con Edison for the Queensbridge Substation. This spill is being closed and the release will be tracked under spill # 0405430.

Map Identification Number 122 **MANHOLE # 12774** **Spill Number: 0404989** **Close Date: 10/22/2004**
2209 39TH STREET QUEENS, NY TT-Id: 520A-0133-741

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVE
Revised zip code: 11101

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	ERT DESK - MANHOLE # 12774	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	BILL MURPHY	Notifier Phone:	(212) 580-6763
Caller Name:	BILL MURPHY	Caller Agency:	CONED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/06/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

NO FIRE SMOKE OR PRIVATE PROPERTY, OIL WAS ON 25OO GALLONS OF WATER, 1/2 GALLON OF UNKNOWN OIL: MANHOLE CONTAINES TRANSMISSION FEEDER 28242, CONED # 154745

DEC Investigator Remarks:

e2mis no. 154745:

1/2 gal. oil on 2500 gal of water. The manhole is located in the Queensbridge substation and is associated with 138 kv fdr 28242. The oil and water are reported to be contained in the manhole. The source of the oil is unknown. Transmission Operations is arranging the manhole clean-up pending sample result. Chem lab is being contacted to take samples for oil ID and PCBs. Once the manhole has been cleaned, Transmission Operations will inspect the manhole for active leaks.

Update 8/20/04
Trans Ops employee C. Samaroo, 81804, directed the clean up activities. All State Power Vac performed the cleaning of the manhole. The manhole was power washed and the oil and water was recovered and shipped out using non-haz waste manifest #APV19657. PCB analysis resulted in < 1.0 PPM PCB concentration. Results posted below. Following the cleaning, Trans Ops employee J. Daly, 74648 inspected the manhole. Cause of the spill could not be determined. No further evidence of leaks reported. Cleanup completed on 8/7/04 at approx. 15:00 hrs.

Map Identification Number 123 **MANHOLE#12776** **Spill Number: 0404960** **Close Date: 10/22/2004**
22-09 39TH AVE QUEENS, NY TT-Id: 520A-0133-729

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ERT DESK - MANHOLE#12776	Spiller Phone:	(212) 580-8383
Notifier Type:	Other	Notifier Name:	LARRY COSTA	Notifier Phone:	(212) 580-6763
Caller Name:	LARRY COSTA	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/05/2004		UNKNOWN	NO	NO

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

Caller Remarks:

about 2 quarts of oil spilled on 10 gallons of water.contained in the manhole.clean up is pending sample results.no sewers or waterways,no smoke ,or fire

DEC Investigator Remarks:

e2mis no. 154733:

oily sludge on the bottom of the manhole. The walls looked oil stained approximately 1 1/2 foot up the walls. There was an estimated ten gallons of water in puddles throughout the sludge. He estimates that there is approximately two quarts of oil spilled. Clean up pending sample results.

Lab Sequence Number: 04-06208-001: PCBs < 1 ppm

Update 8/20/04
Trans Ops employee J. Marsch, 52092, directed the clean up on 8/6/04. All State Power Vac dbl. powerwashed the manhole. The clean up was completed at 21:00 hrs on 8/6/04. The leak appeared to be coming from a valve on the oil bypass line. The valve was tightened and the leak was stopped. As a precautionary measure the valve was wrapped in absorbant material. J. Marsch inspected the manhole and no active leak identified.

Update 8/24/04
Manhole was reinspected on 8/7/04. V. Traviglia reported that the valve packing on suspect valve was replaced.

Map Identification Number 124 **QUEENSBRIDGE SUBSTATION** **Spill Number: 0210573** **Close Date: 03/25/2005**
22-09 39TH AVE NEW YORK, NY TT-Id: 520A-0133-726

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	WAINWRIGHT	Notifier Phone:	
Caller Name:	MARK SCHLAGEL	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	MARK SCHLAGEL	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/21/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

they belive material is non pcb oil...there is a feeder that runs right by the spill feeder # 69m07. ref 146837.

DEC Investigator Remarks:

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

Con Ed e2mis #146837:

1/21/03 11:35 HRS. E. KUEHN #85802, SR. SUBSTATION OPERATOR REPORTS D.E.C. WAS ON LOCATION AND AT 11:25 HRS. AFTER OPENING MH-12777 FOUND A SHEEN OF UNKNOWN OIL ON APPROX. 1.5 FEET OF WATER. MANHOLE LOCATED IN STATION NEXT TO TRANSFORMER #7 WHICH HAS A LEAK, HOWEVER HE DOES NOT SEE ANYTHING LEAKING INTO MANHOLE. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. ENV. STOP TAG #145-0036 WILL BE PLACED. KUEHN SAID THEY HAVE NO PLANS TO TAKE A SAMPLE BECAUSE AS PER P. SUDOL OF EH&S THIS IS NON-PCB OIL. CLEANUP PENDING.

11:45 HRS. -- CALLED P. SUDOL (CELL# 917-807-0627), HE INFORMED ME THAT THIS IS A TRANSMISSION MANHOLE CONTAINING 138KV FEEDER. THEREFORE, EVEN THOUGH STATION OPERATOR DOES NOT SEE LEAK, THEY ASSUME IT IS NON-PCB OIL FROM FEEDER AND DO NOT NEED TO TAKE A SAMPLE PRIOR TO CLEANUP. I TOLD HIM THAT WE WOULD NORMALLY CALL THIS UNKNOWN OIL AND REQUIRE A SAMPLE, BUT HE SAID THAT OUR PROCEDURE FOR DISTRIBUTION MANHOLES IS DIFFERENT THAN FOR TRANSMISSION.

UPDATE 1/21/03 1300 Hours
On discussion with R Slote of TO, it was decided that the sheen in the manhole should be sampled. Past cleanup of the manhole showed results that indicated <1 ppm PCBs, as well as the nearby equipment which has tested non PCB. TO will order a chemist and dispatch a tanker to cleanout the manhole. Maximo# 0000194014 was generated to complete any potential repairs that need to be made.

CLEANUP CHECKLIST
Sample ID No. . 03-00569-001 Total PCB <1 ppm
Washed stained areas. 3 WASHES
Name of contractor CLEAN HARBORS
Cleanup completed on 1/22/03 @ 07:30 -14:00

12/22/03 09:50 Clean up crews did not report any signs of leaks in manhole during post-cleanup inspection. No repairs necessary since no leaks were found.

Map Identification Number 125 **QUEENSBRIDGE SUBST TR #7** **Spill Number: 0200332** **Close Date: 01/10/2008**
22-09 39TH AVENUE QUEENS, NY TT-Id: 520A-0133-723

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ANTHONY NATALE - 2209 39TH AVENUE		Spiller Phone: (212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	CHRISTINE KOEHLER		Notifier Phone: (212) 580-6765
Caller Name:	ANTHONY NATALE	Caller Agency:	CON EDISON		Caller Phone: (212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ANTHONY NATALE		Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/10/2002		UNKNOWN	NO	NO

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

Caller Remarks:

VAULT 8 - STAINING FOUND DURING DEC INSPECTION

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

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

E2mis no. 142199:

10-APR-2002 @ 11:38 Hrs.
Thomas Rowan, Operating Supervisor, reports during Substation inspection historic contamination was found on bluestone in/around transformer vault 7. The approximate size of the contaminated area is: On the 38th ave side of the station there is staining at the base of the pad extending one foot from the pad by five feet wide. There is no active fire/smoke at this time. Release to sewer/waterway is not verified at this time. The substance is unknown, however it is likely to be identified as dielectric fluid. The quantity released is unknown. The source of contamination is unknown. The cause of contamination is unknown. No private property has been affected. A station remediation plan will be prepared to determine the priority order for addressing this and other historic incidents as per SSO's letter to NYSDEC dated February 20, 2002. Housekeeping and maintenance activities, as required, will be documented.

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill.

Map Identification Number 126 **QUEENSBRIDGE SUBSTATION TR #6** **Spill Number: 0200331** **Close Date: 01/10/2008**
22-09 39TH AVENUE QUEENS, NY TT-Id: 520A-0133-722

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ANTHONY NATALE - 2209 39TH AVENUE		Spiller Phone: (212) 580-6763
Notifier Type:	Local Agency	Notifier Name:	ANTHONY NATALE		Notifier Phone: (212) 580-6763
Caller Name:	ANTHONY NATALE	Caller Agency:	CON EDISON		Caller Phone: (212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ANTHONY NATALE		Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/10/2002		UNKNOWN	NO	NO

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

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

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

Con Ed e2mis #142198:

10-APR-2002 @ 11:30 Hrs.
Thomas Rowan, Operating Supervisor, reports during Substation inspection historic contamination was found on bluestone in/around transformer vault 6. The approximate size of the contaminated area is: On the 22nd street side of the station there is staining at the base of the pad extending three foot from the pad by three feet wide. There is no active fire/smoke at this time. Release to sewer/waterway is not verified at this time. The substance is unknown, however it is likely to be identified as dielectric fluid. The quantity released is unknown. The source of contamination is unknown. The cause of contamination is unknown. No private property has been affected. A station remediation plan will be prepared to determine the priority order for addressing this and other historic incidents as per SSO's letter to NYSDEC dated February 20, 2002. Housekeeping and maintenance activities, as required, will be documented.

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill.

Map Identification Number 127 **QUEENSBRIDGE SUBST TR #5** **Spill Number: 0200330** **Close Date: 01/10/2008**
22-09 39TH AVENUE QUEENS, NY TT-Id: 520A-0133-721

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ANTHONY NATALE - 2209 39TH AVENUE	Spiller Phone:	(212) 580-6763
Notifier Type:	Local Agency	Notifier Name:	CHRISTINE KOEHLER	Notifier Phone:	(212) 580-6765
Caller Name:	ANTHONY NATALE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ANTHONY NATALE	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/10/2002		UNKNOWN	NO	NO

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

Caller Remarks:

DEC FOUND STAINING DURING INSPECTION - VAULT 5

CON ED #142197

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

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

Con Ed e2mis #142197:

10-APR-2002 @ 11:26 Hrs.
Thomas Rowan, Operating Supervisor, reports during Substation inspection historic contamination was found on bluestone in/around transformer vault 5. The approximate size of the contaminated area is: On the 22nd street side of the station there is staining at the base of the pad extending two foot from the pad by three feet wide. There is no active fire/smoke at this time. Release to sewer/waterway is not verified at this time. The substance is unknown, however it is likely to be identified as dielectric fluid. The quantity released is unknown. The source of contamination is unknown. The cause of contamination is unknown. No private property has been affected. A station remediation plan will be prepared to determine the priority order for addressing this and other historic incidents as per SSO’s letter to NYSDEC dated February 20, 2002. Housekeeping and maintenance activities, as required, will be documented.

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill.

Map Identification Number 128 **QUEENSBRIDGE SUBSTATION TR #4** **Spill Number: 0200329** **Close Date: 01/10/2008**
22-09 39TH AVENUE QUEENS, NY TT-Id: 520A-0133-720

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ANTHONY NATALE - CON ED	Spiller Phone:	(212) 580-6763
Notifier Type:	Local Agency	Notifier Name:	CHRISTINE KOEHLER	Notifier Phone:	(212) 580-6765
Caller Name:	ANTHONY NATALE	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	ANTHONY NATALE	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/10/2002		UNKNOWN	NO	NO

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

Caller Remarks:

STAINING FOUND DURING DEC INSPECTION VAULT 4

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

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

e2mis #142196:

10-APR-2002 @ 11:20 Hrs.
Thomas Rowan, Operating Supervisor, reports during Substation inspection historic contamination was found on bluestone in/around transformer vault 4. The approximate size of the contaminated area is: On the 22nd street side of the station there is staining at the base of the pad extending one foot from the pad by three feet wide. There is no active fire/smoke at this time. Release to sewer/waterway is not verified at this time. The substance is unknown, however it is likely to be identified as dielectric fluid. The quantity released is unknown. The source of contamination is unknown. The cause of contamination is unknown. No private property has been affected. A station remediation plan will be prepared to determine the priority order for addressing this and

other historic incidents as per SSO's letter to NYSDEC dated February 20, 2002. Housekeeping and maintenance activities, as required, will be documented.

See eDocs for 2007 Substation Inspection Findings and for response from Con Edison relative to this spill.

Map Identification Number 129 **MANHOLE #11841** **Spill Number: 9907722** **Close Date: 08/17/2000**
38TH AV & 32ND ST QUEENS, NY TT-Id: 520A-0124-029

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1119 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 38TH AV / 32ND ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR DELLACROCCE	Notifier Phone:	
Caller Name:	JOE DEVOTI	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	COMENALE	Contact for more spill info:	JOE DEVOTI	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/27/1999		UNKNOWN	NO	NO

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

Caller Remarks:

EMPLOYEES DISCOVERED OIL IN A MANHOLE , SAMPLES TAKEN, CLEAN UP PENDING RESULTS - CON ED SPILL #128029

DEC Investigator Remarks:

e2mis no. 128029:

L.PRINGLE #25912 FIELD OPERATOR DOING SCHEDULE FEEDER WORK ON FDR1Q23 FOUND IN MH11841 APPROX 1 QUART OF AN UNKNOWN OIL ON DIRT, CONCRETE FLOOR IN HOLE. NO SEWERS OR WATERWAYS AFFECTED OIL APPEARS TO BE CONTAINED TO STRUCTURE. ONLY ABLE TO TAKE A SOLID SAMPLE & PLACED STOP TAG. CLEANUP PENDING LAB RESULTS.

UPDATE 10-2-99 0915 HRS
CHEM LAB RESULTS 99-10100 61 PPM

10/2/99--1400hrs--foschino envir.opps reports cleanup completed tag 15569 removed. spot cleanup was done #9 made perm.repairs on tubing ,the sump was cemented to provent any oil to enter,no oil sample taken due to no oil entering the sump.

Map Identification Number 130 **MONARCH CONSTRUCTION** **Spill Number: 9903169** **Close Date: 12/23/1999**
39-16 23RD ST LONG ISLAND CITY, NY TT-Id: 520A-0127-902

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1153 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3916 23RD ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	CHARLES SALIBA - MONARCH CONSTRUCTION	Spiller Phone:	(718) 361-7766
Notifier Type:	Local Agency	Notifier Name:	JEFF PACARD	Notifier Phone:	(781) 952-6000
Caller Name:	JEFF PACARD	Caller Agency:	VERTEX ENGINEERING SERVIC	Caller Phone:	(781) 952-6000
DEC Investigator:	TOMASELLO	Contact for more spill info:	CHARLES SALIBA	Contact Person Phone:	(718) 361-7766

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/09/1999		UNKNOWN	NO	NO

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

Caller Remarks:

CALLER STATES TEST ON AN UNDERGROUND TANK SHOWED CONTAMINATION. CLEAN UP WILL BE DONE AFTER A RESPONSE FROM THE STATE.

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

Map Identification Number 131 **HONEYWELL ST** **Spill Number: 9905566** **Close Date: 08/27/1999**
NORTHERN BLVD & HONEYWELL QUEENS, NY TT-Id: 520A-0128-436

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1260 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: HONEYWELL ST / NORTHERN BLVD
Revised zip code: 11101

Source of Spill: UNKNOWN
Notifier Type: Fire Department
Caller Name: FF LIMAGE
DEC Investigator: MCTIBBE
Spiller: UNKNOWN - UNKNOWN
Notifier Name: FF LIMAGE
Caller Agency: NYC FD
Contact for more spill info: AMTRAX PD
Spiller Phone:
Notifier Phone: (718) 416-7712
Caller Phone: (718) 416-7712
Contact Person Phone: (800) 331-0008

Category: Investigation indicates there was no spill.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/08/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
METHANE	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

strong smell of gas in area fd on scene request call back

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
FAXED TO AIR

ENGINE HOUSE HAS SMELL OF SEWER LINE. DEP NOTIFIED. IWCS IN ROUTE. HANDLED BY DEP.

Map Identification Number 132 **NORTHERN BLVD/39TH AV** **Spill Number: 9514141** **Close Date: 02/17/1998**
NORTHERN BLVD/39TH AV QUEENS, NY TT-Id: 520A-0123-745

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1260 feet to the SE

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

Source of Spill:	UNKNOWN	Spiller:	RICHARD ROACH - CON EDISON	Spiller Phone:	(212) 580-6764
Notifier Type:	Responsible Party	Notifier Name:	MR BREWER	Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	CON ED	Caller Phone:	(212) 580-6764
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/06/1996		OTHER	NO	NO

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

Caller Remarks:

contractor digging a trench for con-ed and damaged the wall thereby releasing unk qty of oil into the trench

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
2/13/98: Update from Salvatore Vetere, Con Ed (via e-mail from Glen Newell, ERT) - "On 2/6/96, Audax Construction Company was excavating at Northern Blvd. & 39th Ave. to install a chute connection between a sewer manhole and a catch basin when they encountered oil and water in a trench and in a partially exposed company manhole MH-4405. The excavation and manhole work were previously started in December 1995 when the north wall was broken out. The source of the oil and water , and the quantity were unknown. The manhole and trench were cleaned at 0100 hrs on Feb. 7, 1996."

Map Identification Number 133 **EXCAVATION SITE** **Spill Number: 0712849** **Close Date: 04/18/2008**
40-30 CRESCENT ST LONG ISLAND CITY, NY TT-Id: 520A-0214-372

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1275 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 4030 CRESCENT ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	REFUSED - UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	jbvought	Contact for more spill info:	REFUSED	Contact Person Phone: ( ) -	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/29/2008		UNKNOWN	NO	NO

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

Caller Remarks:

caller wants to remain annonymous. reports taking load dirt out of an excavation site that has an odor similiar to gasoline.
site is next to an exxon gas station. ACC is construction co on job. betw 40th and 41st. caller works excavating the site.

DEC Investigator Remarks:

Will visit today..

03/18/08-Vought-Site visit performed by Vought and site next to Exxon Mobil has DOB permits with address listed as 40-34 Crescent and as per Property Shark, address is 40-30 Crescent. As per NYC Property Tax address is listed as 40-34 Crescent Street. Vought upon site visit noticed one 550-gallon UST in excavation for building foundation and another UST with open hole and gasoline present inside on North side of site (away from exxon mobil). No visible contamination on Exxon Mobil Side of site and excavation depth in center to depth of approximately 25' below grade. No contractors onsite however fence was open suggesting that second UST was uncovered in excavation, contractors realized there was product inside and halted work. Contact information on site plywood fence is:

AMG Pacific Enterprise
(917)299-7163

Best Squad-212-669-7043

As per ACRIS property owner is:

Krishna Hospitality, LLC.
C/O KAUSHIK PATEL
87-23 144th Street
Jamaica, NY 11435
Ph:(718)729-8775

Ph: (917)627-5286
Fax:(718)729-8021
email:lq6014gm@gmail.com

DEC requires: 1)PBS registration 2)delineation of soil and groundwater contamination 3)site plan with location of fill ports and dispenser island 4)collection of endpoint samples 5)vapor barrier and possibly SSDS 5)cc to Berninger

Vought called AMG Pacific (Eric) and left message to immediately return call. Vought called Best Squad to obtain contact information and spoke to Mark Malik who provided phone number for Krishna. Vought called contact number at Krishna and spoke to Kaushik Patel. Site is not E designated and Phase I was conducted. Patel did not hear as of yet of tank. Patel will perform site visit today and Vought also informed him of requirements and will send CSL with above requirements.

03/20/08-Vought-Received message from Walter Berninger (ph:631-589-6521 fax:631-589-6528) and Windmill Oil Tank services will remove oil from tank and will be consultant for site. Vought discussed above requirements and sent out CSL with one month due date and cc to Berninger.

04/04/08-Vought-Performed site visit with DEC Ahmed and DEC Zhune and contractor onsite pouring concrete for foundation and rebar in place despite DEC letter not to develop until RAP is accepted by DEC. Rear half of site already covered in rebar and front quarter of site also rebared and concreted. Kuashik Patel onsite and Vought stated that no more develop on soiled portions of site is to take place until RAP is accepted. Vought also indicated that if development on remaining portions of site did take place then letter to DOB would be sent requesting revocation of permits and violations would be issued. Patel agreed to only work on currently developed portions of site and Vought had no objection since rebar and concrete already in place. Vought spoke to Berninger and he was unaware of development on-site and would submit RAP as soon as possible.

04/05/08-Vought-Reviewed fax received from Walter Berninger dated 4/3/08. Removal of "two 550 gallon underground storage tanks". Windmill Oil Tank Services removed tank. Water was present in tanks with a small amount of oily film. No visual holes were observed "other than what was caused by excavating and removal". Sidewall and bottom endpoint samples were obtained from excavation. Tanks were encased in concrete. Laboratory analyticals not received to date from laboratory. "BEI is in the process of filling out and the submission of a Petroleum Bulk Storage Application". Delineation will be determined upon receiving sample analyticals. Vapor barrier is already installed under the entire building. No remote fill ports or pump islands were observed at time of tank removal. "After our telephone conversation this afternoon I have spoken to Mr. Patel and all work in this former tank location area has stopped and awaiting laboratory results to determine what if any additional work may be required. Analytical results will be submitted to DEC. Site building planned will be a 9 story hotel.

04/07/08-Vought-Received email copy of letter from Berninger dated 4/4/08. Berninger received analyticals from American Analyticals with detections of minor SVOCS below TAGM 4046 Required Soil Cleanup Objectives. Analyticals showed no detections of VOCs above TAGM 4046 Required Soil Cleanup Objectives. Berninger is generating for submission, disposal manifests, test results, site map and PBS registration. "Additionally, a vapor barrier is still being installed...". Vought called Berninger with no objections to proceed as soil analyticals show no TAGM exceedences. Vought called Berninger and he will send in documentation of vapor barrier.

04/16/08-Vought-Received email from Berninger that he is preparing letter for submission with site info, maps, pictures and lab data. Berninger inquired that since two tanks total 1100-gallons in capacity that they do not need to be registered. After conferral with DEC Krimgold, PBS registration is not required due to capacity being under 1101 gallons. Vought sent email to

Berninger that PBS registration was not required.

04/18/06-Vought-Received and reviewed Report submitted by Berninger dated 4/7/08. Report has pictures of vapor barrier placed under concrete observed by DEC during site visit on 4/4/08. "...area where the tanks were will be uncovered with a 6 mil plastic that goes from property lines under all areas where the building will occupy. Copy of disposal manifest also included. Request of No Further Action. No remote fill ports or dispenser islands observed. Soil analyticals (same as those from 4/7/08 show no TAGM 4046 Required Soil Cleanup Objective exceedences). Spill closed by Vought. Vought sent NFA to:

Krishna Hospitality, LLC.
C/O KAUSHIK PATEL
87-23 144th Street
Jamaica, NY 11435
Fax:(718)729-8021

Map Identification Number 134 **38-02 22ND STREET** **Spill Number: 9312589** **Close Date: 01/26/1994**
38-02 22ND ST. QUEENS, NY TT-Id: 520A-0132-744

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1311 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 3802 22ND ST.
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:		Notifier Phone:	
Caller Name:	MARGARET CHONG	Caller Agency:	USEPA	Caller Phone:	(908) 548-8730
DEC Investigator:	CAMMISA	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/26/1994	01/26/1994	UNKNOWN	UNKNOWN	NO

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

Caller Remarks:

POSSIBLE CON-ED GAS LINE EXPLOSION - 5 INJURIES.

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

Map Identification Number 135 **MTA/LIRR** **Spill Number: 0210866** **Close Date: 07/07/2003**
2985 NORTHERN BLVD QUEENS, NY TT-Id: 520A-0124-712

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1316 feet to the S

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

Source of Spill:	UNKNOWN	Spiller:	JOSEPH PETROCELLI - MTA	Spiller Phone:	(212) 967-0218
Notifier Type:	Other	Notifier Name:	CONTRACTOR	Notifier Phone:	(000) 000-0000
Caller Name:	LANCE HOLMAN	Caller Agency:	URS	Caller Phone:	(718) 361-4649
DEC Investigator:	TJDEMEO	Contact for more spill info:	JOSEPH PETROCELLI	Contact Person Phone:	(212) 967-0218

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/29/2003		UNKNOWN	NO	NO

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

Caller Remarks:

CONTAMINATED SOIL FOUND 26 FT BELOW GRADE-WILL CHARACTERIZE AND DISPOSE OF ACCORDINGLY- CALLER IS MAIN CONTACT.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
transfered from tibbe to demeo on 2/21/03.

7/7/03 TJD

MTA submitted closure report - in file. Total of 120 tons of contaminated soils were excavated and properly disposed. Endpoint sample analysis and disposal documents contained in closure report. No further action required.

Map Identification Number 136 **38-11 21TH ST.** **Spill Number: 9312713** **Close Date: 04/13/1994**
38011 21TH ST. ASTORIA, NY TT-Id: 520A-0132-749

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1395 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 3811 21ST ST
Revised zip code: 11101

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	SUSMITA BISWAS	Caller Agency:	NYNEX	Caller Phone:	(212) 338-7126
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/28/1994		UNKNOWN	NO	NO

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

Caller Remarks:

CLEAN UP VENDOR CLEAN HARBORS (908)248-1997 - SHOULD BE ON SITE 1600 HRS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
10/10/95: This is additional information about material spilled from the translation of the old spill file: CRUDE OIL ~4' DEEP.
CLEANED BY NYNEX.

Map Identification Number 137 **21-24 39TH AVE/QUEENS** **Spill Number: 8909695** **Close Date: 11/15/1994**
21-24 39TH AVENUE NEW YORK CITY, NY TT-Id: 520A-0132-741

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1403 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 2124 39TH AVENUE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	RENAULD WILSON	Caller Agency:	NYSDEC	Caller Phone:	(718) 482-4933
DEC Investigator:	SIGONA	Contact for more spill info:		Contact Person Phone:	

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/09/1990	11/15/1994	UNKNOWN	UNKNOWN	NO

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

Caller Remarks:

SUSPECT NEARBY GAS STATION, DEC (SIGONA) INVESTIGATED TRAP, OBSERVED HIGH READINGS WITH THE HNU METER, NOTIFIED NYCDEP HAZMAT IWCS.

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

01/09/90: WILL INVESTIGATE SURROUNDING SEWERS & FACILITIES FOR SOURCE.

10/10/95: This is additional information about material spilled from the translation of the old spill file: PETROLEUM VAPORS.

Map Identification Number 138 **41ST & CRESCENT AVES** **Spill Number: 8202131** **Close Date: 06/30/1989**
41ST ST / CRESENT AVE LONG ISLAND CITY, NY TT-Id: 520A-0128-219

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1425 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 41ST AV / CRESCENT ST
Revised zip code: 11101

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: METRO.TRANS.ASSOC.
DEC Investigator: SULLIVAN
Spiller: UNKNOWN
Notifier Name:
Caller Agency: CITY AGENCY PETER FORTUNE
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (718) 786-0445
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/18/1983	03/13/1984	UNKNOWN	UNKNOWN	NO

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

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "GENE SULLIVAN"
/ / : PIN-2845.

Map Identification Number 139 **HESS GAS STATION** **Spill Number: 9900053** **Close Date: 11/22/2005**
38-01 21ST ST ASTORIA, NY TT-Id: 520A-0132-748

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1434 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 3801 21ST ST
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION
Notifier Type: Affected Persons
Caller Name: BETH BLAKE
DEC Investigator: SKCARLSO
Spiller: HESS GAS STATION
Notifier Name: SAME
Caller Agency: LBG
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (914) 694-5711
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/01/1999		UNKNOWN	NO	NO

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

Caller Remarks:

contaminated soil discoverd during tank removal

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"
04/05/2004-Sub-File Update by Sun-

Update Report-October 2003 through November 2003- prepared by EnviroTrac-Ten (10) monitoring wels were gauged and sampled on 11/10/03. The groundwater flow direction is towards the north. No measureable amount of free product was detected in any monitoring wells. Per DEC's approval, the air sparge (AS) and soil vapor extraction (SVE) systems were turned off on May 3, 2002. Prior to turning the system off, an air effluent sample was collected from the SVE system for BTEX and VOC analyses. The analytical results showed that the concentrations of Benzene, Toluene, Ethylbenze and Xylene on all of the monitoring wells with the exception of MW-10 were found not detected (ND). The maximum concentration of BTEX is on MW-10 at 28,9 ppb. The concentrations of MTBE ranged from 1.6 ppb (MW-7) to 62 ppb (MW-8).

See also spill 9700124. Rommel.

05/09/05-File Update by Sun: A project review meeting was held on 05/05/05 between the Department, the Hess' Manager and Hess' consultant (EnviroTrac). Per EnviroTrac, Monitoring Well MW-8 appears to have been destroyed during construction activities in the sidewalk area adjacent to the location. A replacement well for MW-8 will be installed once the necessary permits are obtained from the New York City Department of Transportation (NYSDOT). EnviroTrac will inject calcium peroxide in the northern sidewalk of 38th Avenue to address the trace concentrations of MTBE detected in MW-8 in the past few times the well was sampled. The newly installed replacement well will be used to determine the effectiveness of the calcium peroxide injection. If concentrations of MTBE decrease to approximately 30 parts per billion (ppb), site closure will be proposed as discussed during an April 21, 2004 meeting between Hess, EnviroTrac and the Department. (WJS)

10/28/05: Project reassigned from Sun to Andersen. Monitoring report overdue. Need update on results of injecting calcium peroxide into MW-8.

11/21/05: NFA letter sent.

Map Identification Number 140 **Spill Number: 9701079** **Close Date: 05/07/1998**

40-44 24TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0127-402

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1485 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 4044 24TH STREET
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	JOHN BERNIC	Caller Agency:	CITIZEN	Caller Phone:	(718) 706-0404
DEC Investigator:	O'DOWD	Contact for more spill info:		Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/23/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

COMP STATES CONSISTENT VAPORS OF GASOLINE IN HIS RESIDENCE WHEN DROPPING OFF GASOLINE.

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

4/24/97 WENT TO SITE. MET WITH jOHN. DID INSPECTION OF 3 TENANTS. LAST TIME GASOLINE VAPORS WAS DETECTED APPROX. 1 MONTH AGO. MOSTLY IS HALLWAY NOTICIED. TENANTS COMPLAINED OF CARBON MONOXIDE ALERT GOING OFF IN THEIR WORKSPACE AND THAT WAS THE REASON FOR THE COMPLAINT.

Map Identification Number 141 **Spill Number: 0201484** **Close Date: 06/19/2003**

41-19 27TH ST LONG ISLAND CITY, NY TT-Id: 520A-0129-468

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 1497 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 4119 27TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	OWNER - 41-19 27TH ST	Spiller Phone:	(212) 697-5454
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	RICHARD TAYLOR	Caller Agency:	BROOKSIDE ENVIROMENTAL	Caller Phone:	(516) 377-6300
DEC Investigator:	MXTIPPLE	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/09/2002		OTHER	NO	NO

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

Caller Remarks:

caller doing site work and found contaminated soil.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
SPILL CLEANED//NFA

Map Identification Number 142 **33-00 NORTHERN BLVD** **Spill Number: 0806786** **Close Date: 09/19/2008**

33-00 NORTHERN BLVD QUEENS, NY TT-Id: 520A-0220-744

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1502 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 3300 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	MR BEHON - MR BEHON DISPATCHER 710 - UNKNOWN	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	jbvought	Contact for more spill info:	MR BEHON	Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.

Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/16/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	SOIL
UNKNOWN PETROLEUM	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

Caller states there is contaminated soil in the rear of above address between the bldg and the train tracks. No further info available.

DEC Investigator Remarks:

Smell problem associated with a long term remediation effort at Amtrack facility behind this building.

09/16/08-Vought-Recevied notification from DEC Duty Desk officer (Sangesland) that he spoke to a Mr. Behan who was stating that odors coming from excavation were impacted building occupants at 33-00 Northern Blvd. Site visit by Vought. Numerous FDNY ambulances and mobil hospitals onsite, DEP Hazmat (Chris Haas cell:917-769-1263) onsite, NYC OEM onsite as well (Kevin Darcy 347-203-2425), MTA, media and Amtrak(Phillip Kaplan 908-310-1889) onsite as well. DEC Shaun Bollers onsite as well as per direction of DEC Nagi. Two excavations behind 33-00 Northern Blvd. First excavation is directly behind 33-00 Northern Blvd and work is being done by MTA as part of Eastside Access expansion project and second excavation further to the south, separated by train tracks is the Sunnyside Yard Superfund cleanup that is being managed by DEC Bollers and Amtrack respectively. As per FDNY, 33-00 Northern Blvd was evacuated three times on 9/16 with two people hospitalized and 85 people approached and evaluated by FDNY. 33-00 Northern Blvd is eight story office building of which the two top floors are occupied by NYCT Handi Access-a-ride offices and NYCT Union. Vought inspected adjacent MTA site and soil had no odors but distinct oil odors emanating from Amtrak excavation further to the south. Vought discussed situation with DEP Hazmat Haas and as per Haas he toured Amtrack excavation

previously with FDNY and found oil odors but not solvent odors (as per Haas he smelled solvent odors in 33-00 Northern Blvd) and he felt odors were emanating from sign shop located at 33-26 Northern Blvd. Vought suggested that both sites be considered potential sources and DEC would focus on Amtrak site, DEP would focus on sign shop and both would regroup to discuss findings. As per FDNY building was cleared of odors again and FDNY gave permission to reoccupy but occupants will be going home as workday almost over and three prior evacuations. Vought inspected Amtrack site and found open excavation with crushed 10,000-gallon UST in groundwater with free product, also found three large stockpiles of contaminated soil that were not covered and had odors. Odors were of oil and may also have been of additional chemicals such as solvents. Foam was only placed over UST excavation and not over contaminated stockpiles. Vought notified DEC Austin of progress and as per Austin requested that OEM contact Amtrack and have them return to the site. Vought spoke to consultant for Amtrack (Roux Associates Harry Gregor 631-450-9761) who will have contractor cover piles and foam unfoamed areas. Vought met with DEP Hazmat who was still unsure if sign shop was source and as per Haas since the sign shop was closed and he did not know of source, he was leaving site for the day. DEC Austin arrived onsite and DEC Vought and DEC Austin toured Amtrak site with Amtracks Construction Manager (EQ Northeast Dave Ciroli 508-245-1322). As per Ciroli, Amtrak site is cleanup of ten (10000-gallon) fuel oil USTs associated with a former engine house and oil house used by the railroad. The second of ten USTs was exposed when odor complaints were received. As per Ciroli, Roux associates is performing air monitoring under a DEC approved CAMP. Vought discussed with with DEC Austin and DEC Bollers and as per DEC Austin, Bollers will ensure that appropriate vapor mitigation efforts are in place and DEC spills should take no further action. DEC Austin sent email to DEC Mattei, DEC Garcia-Costas and DEC Nagi notifying them of spill event. DEC Austin sent second email with update as possible source being Amtrak site. Note that no hazardous chemicals are stored or used at 33-00 Northern Blvd.

09/17/08-Vought-Received notification from DEC Austin that odor complaints were again received from 33-00 Northern Blvd and that site visit should be performed. No mandatory evacuation occurred however there was a voluntary walk out. No organic vapors detected as of yet by FDNY in building. DEC Air Program was also contacted with respect to sign shop as possible second source. DEC Jane O'Connel and DEC Bollers onsite to inspect excavation and will go to DEC offices to have high level meeting with Amtrack and DEC Mattei. At time of Vought arrival onsite, building was again approved for occupancy by FDNY after indoor vapor survey. As per FDNY no one was taken to hospitals however 68 people were evaluated onsite by FNDY and released. Onsite were OEM (Justin Brown 646-596-3093) and DEP Hazmat (Chris Desmont 646-265-6108). Vought discussed sign shop with Desmont who indicated that no active source of vapors were found and that DEC Air Unit (Anton Hana 718-885-5747) was going to inpsection. DEP Desmont left site has Hana would do inspection and Desmont found "no source of odors". Vought set onsite meeting at 1:30pm for all onsite agencies to convey information. Vought toured Amtrak site with Amtrack Safety (Keith Wertz 917-617-2474), DEC Ahmed, NYCT Union rep and Roux Associates (Jessica Diminich 631-232-2600). Additional tarps were place over stockpiles and additional stationary PID units installed at ground level. Odors still noticeable from stockplies not covered by tarps. Vought called DEC Jane O'Connell who was having meeting at DEC offices and requested additional tarps to covery stockpiles and on-site daily monitoring at 33-00 Northern Blvd. Vought and DEC Ahmed inspected sign shop at 33-24 Northern Blvd (Sign Design Group Gulam Dinai 718-786-1108) and no obvious sources but paint booth currently not being used. DEC inspected area behind paint shop including exhaust fans and found no signs of recent spills or soil excavation. As per Dinai, no unusual operating practices employed in past three days. Vought notifed Dinai of possible inspection of shop by DEC Air Program and by DEP Air Resources.

Vought held 1:30 meeting at 33-00 Northern Blvd with NYCOEM Vincent Montouro, OEM Justin Brown, John Behan (Building Manager, 33-00 Partners 718-937-8700, cell:917-846-7872), Amtrak Keith Wertz and DEC Ahmed. Meeting began by reviewing decisions at DEC meeting with DEC Mattei which included DEC shut down all further work onsite, DEC required that all tank excavations and product recovery ponds be foamed, impacted stockpiles be foamed and tarped, excavations will be foamed and backfilled, replacement and maintenance of foam blanket and Amtrack will resubmit RAP that may include requirement of tenting entire site to prevent further odors issues. Behan indicated that previous odor complaints were only detected on 7th and 8th floor which are services by air

intakes on the roof. The other floors that did not received odor complaints are serviced by air intakes located on Northern Blvd. Other tenants of building include Housing Resource Association and NYC Cultural Affairs. DEC Ahmed inspected basement of 33-00 Northern Blvd and found no spills or sources of odors. A second meeting was held with OEM, DEC and Transit Workers Union and various questions were answered including types of contamination and health effects via referral to DEC Jane O'Connell whose contact information was given to Union Health and Safety Rep (Robin Gillespe) for further questions and updates. DEC Vought and DEC Ahmed left site as per DEC Austin as DEC Jane O'Connell and DEC Bollers will be supervising entire site and mitigation efforts from this point forward. As per Jane O'Connell, Amtrak will submit a revised excavation and odor control plan by the end of next week.

09/19/08-Vought-Discussed with with DEC O'Connell who approved closure of spill pending addition of email regarding sign shop inspection into notes. Email from DEC Air Unit Richard Fram to DEC Morenzi, DEC Jane O'Connell, DEC Nagi and DEC Mattei with cc to DEC Lieblich: "Air inspected this facility yesterday (9/17/08). Its correct address is 33-26 Northern Blvd, Queens, NY. This facility makes signs on vinyl, wood and aluminum and operates a spray booth. The facility requires a permit from DEC for their spray booth. Air will commence actions to get the facility properly permitted. Let me know if you have any further questions". Spill closed by Vought as per DEC Jane O'Connell.

Map Identification Number 143 **38TH AVE & 21ST ST** **Spill Number: 9409876** **Close Date: 03/07/1995**
MANHOLE #499- 38TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0128-278

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1563 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 38TH AVE. / 21ST ST.
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	JOHN OSWALD	Caller Agency:	FRED A. COOK	Caller Phone:	(914) 739-3300
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/24/1994		UNKNOWN	NO	NO

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

Caller Remarks:

1/2 INCH OIL IN MANHOLE-PUTTING INTO DRUMS & TAKEN AWAY

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
CLEANED BY NYNEX.

Map Identification Number 144 **21ST STREET & 38TH STREET** **Spill Number: 9400934** **Close Date: 04/19/1994**
IN MANHOLE , NY TT-Id: 520A-0136-221
CORNER 21ST. & 38TH ST.

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1563 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST/38TH AV
Revised zip code: 11101

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	FUSMITA BISWAS	Caller Agency:	NINEX	Caller Phone:	(212) 338-7126
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/19/1994	04/19/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

WILL NOTIFY DEP OF THIS. WILL CLEAN TOMORROW. DON’T THINK ITS THEIRS.GIVEN TO MARK TIBBE.

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

Map Identification Number 145 **29-28 41ST AVE** **Spill Number: 9407016** **Close Date: 08/24/1994**
29028 41ST AVENUE LONG ISLAND, NY TT-Id: 520A-0135-515

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1578 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 2928 41ST. AVE.
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Citizen
Caller Name: SHERYL
DEC Investigator: SJMILLER

Spiller: NISSON REALTY
Notifier Name:
Caller Agency: REED & CO
Contact for more spill info:

Spiller Phone: (718) 784-1191
Notifier Phone:
Caller Phone: (718) 472-1122
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/13/1994		UNKNOWN	UNKNOWN	NO

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

Caller Remarks:

ACID EATING THRU PIPES-WALL IS COMING DOWN-CALL BACK NEEDED-DEC SHOULD RESPOND.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MILLER"
REFERRED TO DEP IWCS.

8/24/94 @1500HRS, SPOKE WITH CALLER, EMPLOYEE: RUST COLORED LIQUID SEEPING THROUGH MUTUAL WALL TO SHIPPING DEPARTMENT FROM OPPOSITE SIDE.

Map Identification Number 146 **NYC TRANSIT AUTHORITY** **Spill Number: 9408603** **Close Date: 11/30/2000**
29-60 NORTHERN BLVD QUEENS, NY TT-Id: 520A-0126-373

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1621 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 2960 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	NYC TRANSIT AUTHORITY	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:	CHRIS NOLAN	Caller Agency:	LA GUARDIA COASTAL	Caller Phone:	(718) 252-0126
DEC Investigator:	MCTIBBE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/28/1994		UNKNOWN	NO	NO

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

Caller Remarks:

150-200 YAR DSOIL-DISCOVERED U/G OLD TANK IN EXCAVATION-STOCK PILING SOIL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
SEE ALSO 9100729. SEE FILE.

Transfered from Hale to Tibbe.

Map Identification Number 147 **34TH ST & NORTHERN BLVD** **Spill Number: 7900952** **Close Date: 07/31/1985**
34TH ST & NORTHERN BLVD QUEENS, NY TT-Id: 520A-0123-575

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1627 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 34TH ST / NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name:
DEC Investigator: UNASSIGNED
Spiller:
Notifier Name:
Caller Agency:
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
	07/31/1985	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

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

Map Identification Number 148 **AMOCO SERVICE STATION** **Spill Number: 8402855** **Close Date: 12/19/1996**
34-17 NORTHERN BLVD LONG ISLAND CITY, NY TT-Id: 520A-0125-207

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1699 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 3417 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name:
DEC Investigator: TOMASELLO
Spiller: WOLF PETROLEUM CORP.
Notifier Name:
Caller Agency:
Contact for more spill info:
Spiller Phone: (516) 997-9300
Notifier Phone:
Caller Phone:
Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/14/1984		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	AIR

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

/ / : PIN-4391.

09/25/95: PIN-4391 - ASSIGNED TO CHRIS FOR TRACKING PURPOSES.
05/12/97: REFERRED TO DIVISION OF AIR RESOURCES.

Map Identification Number 149 **MANHOLE 2989** **Spill Number: 0307893** **Close Date: 12/05/2003**
27-01 QUEENS BLVD QUEENS, NY TT-Id: 520A-0129-452

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 1702 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 2701 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
Notifier Type: Affected Persons Notifier Name: Notifier Phone:
Caller Name: ANDREW MORRIS Caller Agency: CON EDISON Caller Phone: (212) 580-6763
DEC Investigator: SKARAKHA Contact for more spill info: CALLER Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/26/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

ON 2000 GALLONS WATER. CON ED # 150911.

DEC Investigator Remarks:

10/26/03 - 1943hrs - Phil Stanford # 19971 Mech A, Env. Ops, reports while on routine flush for I&A found 5 gallons unknown oil on 2000 gallons water in MH2989. Sample taken marked E priority - 24 hr program - chain of custody # DD00353. Env. stop tag placed. Will call with #. Clean up pending test results.

cn#19661

LAB RESULT RECEIVED 27-OCT-2003 0002 HRS. 03-08755. <1.0 PPM. TJ - 50495

UPDATE 11:O5HRS

T. VALLON (ENV OPS) REPORTS, EARTHERN SUMP FOUND AND WAS SEALED.

10-27-03 12:15 hrs DOUBLE WASHED STRUCTURE WITH 760 BIO GEN, TANKER REMOVED ALL LIUIDS AND TAG WAS REMOVED.

AMD

Map Identification Number 150 **ETINIA TZILIANOS** **Spill Number: 0101900** **Close Date: 01/09/2007**
41-26 CRESCENT ST ASTORIA, NY TT-Id: 520A-0124-367

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1728 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 4126 CRESCENT ST
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	JERRY DRENIS - OLYMPIC FLAME FUEL OIL	Spiller Phone:	(718) 435-2200
Notifier Type:	Responsible Party	Notifier Name:	DRIVER	Notifier Phone:	(718) 435-2200
Caller Name:	JERRY DRENIS	Caller Agency:	OLYMPIC FLAME FUEL OIL	Caller Phone:	(718) 435-2200
DEC Investigator:	rvketani	Contact for more spill info:	GERRY TZILIANOS	Contact Person Phone:	(718) 278-6600

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/18/2001		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

STICK WELL WAS LEFT OPEN WITHOUT DRIVER KNOWING IT. PETROLEUM

TANK CLEANERS ENROUTE FOR CLEANUP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
BURIED TANK. Return line problem.

Owner of building

Jerry Tzilianos, 3010 34th St., Long Island City, NY 11103-5245 (718-278-6600)

Olympic Fuel was at the site with Anthony from Petroleum Tank Cleaners. It was clear to both Olympic and PTC that the problem was from a Return line and NOT from an Olympic delivery spill.

8/30/2001 Mr. Tzilianos called to ask about a close out. There was a leak in the return line, at a joint, coming back to the tank from the boiler. Mr. Tzilianos hired his own excavation people to expose the return line and found where the line was leaking ("it made an oil puddle at this joint"). Location was between the building and the tank. He then dug out about 80 drums of contaminated soil. He says he excavated next to the tank about 3 feet below the level of the bottom of the tank. He dug until it looked clean. He did NOT take end point samples, he did NOT take a photograph of the hole. He will submit all of the manifest papers to the DEC.

Separately Mr. Tzilianos said his oil company suggests closing out his tank (1080 gal) in place and installing a smaller tank in

the basement. Sangesland told him to 1) test the tank 2) if tank passes, clean the tank out, 3) fill with cement or sand. He will send in the information.

4/14/06 - L. Alden - Suggested action: Re-contact Tzilianos to see what he has done with his tank since last contact with DEC.

11/16/06 - Austin - Reassigned to Ketani for followup/review - end

12/4/06 - Raphael Ketani. From the NYC Property Tax listings, the owner is Eftinia Tzilianos. The site address is 41-26 Crescent St., Astoria, 11101 and the phone number is (718) 278-6600. I called the phone number and an old sounding woman answered and said he wasn't in yet and to call back. From the March 2006 White Pages, her present living address is 30-33 30 St., Astoria, 11102 and the phone number is (718) 545-1941. The block and lot are 00414/0039. The spill report says that the initial spill was due to a stickwell being left open. However, the notes above say that the return line joint was leaking and that soil was dug out.

I sent CSLs to both addresses above.

12/5/06 - Raphael Ketani. Mr. Tzilianos called me. He said that back in 2000 he had the soil dug out 2' to 3' feet below the tank and deeper. He said they went down until the soil was "dry." He added that he will send me all of the documentation.

1/9/07 - Raphael Ketani. I received a package of documents by mail from Mr. Tzilianos. The package contained a cover letter explaining that the spill was corrected in 2001, a certificate of disposal from Vextor Technology, a receipt from Sunshine Construction for removal of the 80 drums of soil, an invoice for the backfill sand from Hephaistos Building Supplies, two letters of proposal from Vextor regarding supplying the drums for the soil, a receipt from the drum carrier/disposer, manifests for the soil disposal, receipts from RAPID Waste Disposal for 20 drums of soil, a paid receipt from Vextor Technology, a letter from Mr. Tzilianos regarding drum delivery and payment, a material characterization sheet, a FAX from Vextor regarding the drum drop off, and a receipt from AAA Container.

Based upon the documentation provided above, I am closing the spill case.

Map Identification Number 151 **FEEDER 312820** **Spill Number: 9603337** **Close Date: 12/21/2004**
VERNON TO QUEENSBRIDGE SS QUEENS, NY TT-Id: 520A-0128-313

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 40TH AVE
Revised zip code: 11101

Source of Spill:	UNKNOWN	Spiller:	LISA PRIMEGGIA - CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR GABLER	Notifier Phone:	(212) 580-5425
Caller Name:	LISA PRIMEGGIA	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/10/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	90.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

unknown cause or source of spill

spill is between two locations above

con ed investigating

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

APPENDIX B SITE NO. 4.

Leak located in manhole 13948, 21st St & 40th Ave, LI City. Permanent repairs completed, cleanup underway.

12/21/04: Con Ed submitted copy of letter to DEP dated 7/18/96 which states: "TYPE OF SPILL/FIRE AND CAUSE: UPDATE 06/12 0831 Hrs: On 06/11 2300 Hrs. permanent repairs have been completed. Totol dielectric fluid loss was 120 Gal's. Cleanup is ongoing and is expected to be
completed 6/12 day watch (8 to 4)." Close out. (JHO)

Map Identification Number 152 **MANHOLE 4097** **Spill Number: 0504911** **Close Date: 09/28/2005**
21 ST / 40 AVE QUEENS, NY TT-Id: 520A-0128-212

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 40TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Other	Notifier Name:	HOGAN, CHRISTOPHER	Notifier Phone:	(212) 580-8383
Caller Name:	MCGUIRE, PETER	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-8383
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK‘	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.

Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/22/2005		UNKNOWN	NO	NO

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

Caller Remarks:

1 gallon of oil on 300 gallons of water. con ed ref # 159959 . cleanup pending removing car covering manhole.

DEC Investigator Remarks:

e2mis no 159959

ALVIN FOSTER FOUND APPROX. 1 GAL OF UNKNOWN OIL ON APPROX. 300 GAL’S OF WATER. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. THE SPILL APPEARS TO BE CONTAINED TO STRUCTURE. OWNER OF SUBSTANCES IS UNKNOWN. NO KNOWN SUBSTANTIAL CRACKS IN STRUCTURE. ENIVIR. TAG# 38362 PLACED. 1 LIQ. SAMPLE TAKEN FROM SPILL.

Lab Sequence Number: 05-07574-001 - PCBs < 1 ppm.

UPDATE 7/25/05 19:30 HRS ENV OPS RUTIGLIANO REPORTS AN EARTHEN SUMP. J ANDERSON

UPDATE 7/25/05 20:42 HRS ENV OPS RUTIGLIANO REPORTS THE STRUCTURE WAS DOUBLE WASHED WITH BIO-GEN 760, THE EARTHEN SUMP WAS SEALED, ENV TAG# 38362 WAS PULLED, AND THE CLEANUP IS COMPLETE.
J ANDERSON.

Closed. 9-28-05. GB

Map Identification Number 153 **MANHOLE #785** **Spill Number: 0405146** **Close Date: 10/27/2004**
21ST ST & 40 AVE QUEENS, NY TT-Id: 520A-0128-205

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 40TH AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: RON ELLIOTT
DEC Investigator: GDBREEN

Spiller:
Notifier Name: RON ELLIOTT
Caller Agency: CON ED
Contact for more spill info: ERT DESK

Spiller Phone:
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/10/2004		UNKNOWN	NO	NO

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

Caller Remarks:

amount 1 pint, took a sample

con ed # 154811

DEC Investigator Remarks:

Employee REPORTS FINDING APPROX 1 PT OF UNKNOWN OIL ON APPROX 40 GAL OF WATER IN M785. CLEAN UP PENDING LAB RESULTS.

Lab Sequence Number: 04-06311-001: TOTAL PCB 5 ppm

UPDATE: 10-AUG-2004 1630HRS WALKER ENVIROMENTAL OPS REPORTS FOUND EATHREN SUMP IN STRUCTURE.

UPDATE: 10-AUG-2004 1820HRS LONG REPORTS DOUBLE WASHED SRUCTURE WITH BIO GEN 760, REMOVED ALL LIQUIDS AND SOLIDS IN STRUCTURE. SUMP WAS CEMENTED. REMOVED TAG # 38396. JOB IS 100%

Map Identification Number 154 **MANHOLE #10251** **Spill Number: 0002763** **Close Date: 09/25/2001**
21ST ST & 40TH AVE QUEENS, NY TT-Id: 520A-0122-980

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1752 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 40TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR BOVERELLI	Notifier Phone:	
Caller Name:	JIM FOX	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	JIM FOX	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/05/2000		UNKNOWN	NO	NO

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

Caller Remarks:

samples taken cleanup pending test results ref #131713

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis Notes:

6/5/00 3oz unknown oil on 3oz water mixed with mud on concrete floor of manhole. Took sample of oil and mud mixture. Found 3C-straight joint leaking from wipe. Another sample taken and returned 30ppm PCB.

10/2/00 CLeanup completed. UG on location and removed/repaired default. Sump samples taken and cemented sump. Double washed with slix.

Map Identification Number 155 **VAULT 3202** **Spill Number: 0100631** **Close Date: 08/22/2001**
28-19 BRIDGE PLAZA QUEENS, NY TT-Id: 520A-0133-702

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1756 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 2819 QUEENS PLZ NORTH
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CALLER - CON ED	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR REEDY	Notifier Phone:	(212) 580-6763
Caller Name:	JIMMY FOX	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	JIMMY FOX	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/17/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

UNKNOWN PROBLEM WITH TRANSFORMER. CLEAN UP PENDING. CON ED 136-493

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
CON ED E2MIS REPORT 4-17-01

15gals. of transformer fluid found in vault 3202 on 40gals. of water. No pressure in unit, below min. Will not presssure test unit because that might push more oil out. Historical for unit is 10ppm. One sample taken from unit. This will be cleaned as a 50-499ppm. pending results. There is a drain in the structure that connects to the other structures, but this is not affecting them. Will check trap in other structure sump pump. Sump pump was off at time of discovery.

1230hrs.

Upon further inspection it was found that no oil was in trap of sump pump of adjacent vault.

15:00hrs.

Reviewed spill with equipment group crew. Water and oil appears to be contained to structure. There is a drain line between this structure and the adjoining structure vault, where a sump pump is located. Drain line seems to be clogged. No oil found in adjoining structure or in sump pit and no oil found in plumbing trap. Oilcapacity of TM is 420gals. Manufacture date is 3-24-52 #9 is on site to L.E.C. feeder and FOB also on site. Equipment group on site to drain transformer.

Update 22:52

Tanker removed 315 gals. of oil from TM3202. 105gals.of oil i sunaccounted for. Supv. entered structure prior to cleanup and found very little evidence of spilled oil, virtually no sludge on floor and approx. 50gals of water in structure. They double washed entire structure with Bio-gen 760. All wash down liquids were carefully monitored for additional oil, none was noticed. Weep hole that connects vault to easterly network protector chamber was clogged and left that way. Supv. entered both east & west adjoining structures and fouund no evidence of oil in either structure.

4-18-01 09:45hrs.

Original incident report of 15gals of oilon 40gals. of water is not correct. It should have read " A manometer was used and found transformer below min.- estimated to be approx. 15gals. of oil from unit in dirt. Could not dip unit because unit was alive. Approx. 40gals. of water was in structure.

Transformer was replaced on 4-18-01

Map Identification Number 156 **MANHOLE 5499** **Spill Number: 0004791** **Close Date: 10/22/2001**
37TH AVE/14TH ST QUEENS, NY TT-Id: 520A-0123-011

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1818 feet to the NNW

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

Source of Spill:	UNKNOWN	Spiller:	UNKNONW	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	JIM FOX	Notifier Phone:	(212) 580-6763
Caller Name:	JIM FOX	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/21/2000		UNKNOWN	NO	NO

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

Caller Remarks:

discovered oil on the walls of the manhole. cleanup pending results coned 132490

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis Notes:

7/21/00 Found 200gal water in structure with an oily black substance on the walls. Taken PCB and ID sample. Previous cleanup completed 7/15/00 using truck 60443 which was involved in an indident(e2mis #132429) at Farrington WWTF. Results of sampling will be compared to both incidents.

Sample returned 9ppm.

8/11/00 Water and oil coming into structure from top duct. Cemented sump and will have structure reinspected.

10/29/00 Reinspection of structure found no trace of oil. Flush employees recleaned structure and removed tag.

Map Identification Number 157 **MANHOLE 5499** **Spill Number: 0004487** **Close Date: 10/19/2001**
37TH AVE/14TH ST QUEENS, NY TT-Id: 520A-0123-004

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1818 feet to the NNW

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

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR DONATONE	Notifier Phone:	
Caller Name:	TED ROBICHAUD	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/14/2000		UNKNOWN	NO	NO

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

Caller Remarks:

caller reporting a spill of material from unk source samples taken cleanup pending lab results coned#132379 no callback necessary

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis Notes:

7/14/00 1qt unknown oil on 200gal water in manhole. Sample returned 11ppm PCB. Cleanup completed by double washing with slix.
Liquids removed by tanker, solids by vactor. No leaking equipment.

Map Identification Number 158 **FRONT OF 30-10 41ST AVE** **Spill Number: 0006847** **Close Date: 09/11/2000**
VAULT 678 QUEENS, NY TT-Id: 520A-0129-469

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1840 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: FRONT OF 30-10 41ST AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	MARK SCHLAGEL - CON ED	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:	NATIONAL RESPONSE	Notifier Phone:	(800) 424-8802
Caller Name:	JOHN ULSHOEFER	Caller Agency:	US EPA	Caller Phone:	(732) 321-6620
DEC Investigator:	JHOCONNE	Contact for more spill info:	MARK SCHLAGEL	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/09/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	15.00	GALLONS	15.00	GALLONS	SOIL

Caller Remarks:

they had a spill it has been cleaned up.

already reported by con ed to dec********** duplicate call

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Duplicate of spill #0006840.

Map Identification Number 159 **BUSINESS** **Spill Number: 0401176** **Close Date: 05/21/2004**
41-38 CRESCENT STREET LONG ISLAND, NY TT-Id: 520A-0124-992

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1865 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 4138 CRESCENT STREET
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	JERRY CICCONE - BUSINESS		Spiller Phone: (718) 937-5700
Notifier Type:	Fire Department	Notifier Name:	YULY CHAPKO		Notifier Phone: (718) 999-2461
Caller Name:	YULY CHAPKO	Caller Agency:	FIRE INSPECTOR		Caller Phone: (718) 999-2461
DEC Investigator:	SMSANGES	Contact for more spill info:	JERRY CICCONE		Contact Person Phone: (718) 937-5700

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/04/2004		OTHER	NO	NO

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

Caller Remarks:

TANK TEST FOUND LEAKAGE: CROMPCO PERFORMED TEST:

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
sent out TTF ltr

Fax 718-472-9391

Attn: Ms.Pat Ciullo

Surrey Cadillac Limosine Service

41-38 Crescent St.

LIC, NY 11101

4,000 gal gasoline tank.

5/21/2004 Michael Paskoff of Alvin Petroleum Systems sent in a letter with a second passing tankd test from 5/10/2004. The top of the tank was exposed, a joint was tightened, the retest passed. No contamintion was found.

Map Identification Number 160 **MH557** **Spill Number: 0003065** **Close Date: 09/26/2001**
29TH ST AND QUEENS BLVD QUEENS, NY TT-Id: 520A-0136-908

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1873 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 29TH ST / QUEENS BLVD
Revised zip code: 11101

Source of Spill: UNKNOWN
Notifier Type: Affected Persons
Caller Name: CHARLIE MCCARTHY
DEC Investigator: JHOCONNE

Spiller: UNKNOWN
Notifier Name: DONATONE
Caller Agency: CON ED
Contact for more spill info: CALLER

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

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/12/2000		UNKNOWN	NO	NO

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

Caller Remarks:

samples taken clean up pending

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis Notes:

6/12/00 1/2pint unknown oil on 400gal water in manhole. Sample returned <1ppm PCB.

6/13/00 Cleanup completed by double washing with slix. Waste removed using diapers, coagulant, and vactor. No leaking equipment. Sump cemented. Stop tag removed. (KMF 10/10/01)

Map Identification Number 161 **SIDEWALK** **Spill Number: 0902601** **Close Date: 06/04/2009**
13-01 40TH AVE QUEENS, NY TT-Id: 520A-0229-541

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1911 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 1301 40TH AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	jbvought	Contact for more spill info:	TONY FELTON	Contact Person Phone:	(718) 593-5581

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/03/2009		UNKNOWN	NO	NO

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

Caller Remarks:

Unk oil spilled onto sidewalk from unk source. Unk if cleaned up because Mr. Felton was unavailable when DEP called back.

DEC Investigator Remarks:

06/04/09-Vought-Site visit by Vought and small insignificant stains found however no fill port or vent pipe and no free product found. Vought inspected adjacent sewers and found no spill. Also note rains during previous night however not even a sheen was found. Spill closed by Vought.

Map Identification Number 162 **Spill Number: 0300295** **Close Date: 03/30/2004**

QUEENS PLZ/28TH ST QUEENS, NY TT-Id: 520A-0136-909

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1943 feet to the SSW

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

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	CALLER - NYC TRANSIT	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	STEVE DEMAYO	Notifier Phone:	
Caller Name:	JOSEPHINE BROWN	Caller Agency:	NYC TRANSIT	Caller Phone:	(718) 243-4581
DEC Investigator:	MCTIBBE	Contact for more spill info:	JOSEPHINE BROWN	Contact Person Phone:	(718) 243-4581

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/09/2003		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Bus struck debris in roadway at above location puncturing tank.

Crew on site at time of call and cleanup is in progress.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
04/09/03 Rommel - Office Duty

Spoke to Josephine at Transit. Spill contained and cleaned by Transit road crew. No drains were impacted.

Map Identification Number 163 **MANHOLE # 8640** **Spill Number: 0105507** **Close Date: 10/12/2001**
28TH ST/QUEENS PLZ QUEENS, NY TT-Id: 520A-0136-901

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1943 feet to the SSW

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

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
Notifier Type: Affected Persons Notifier Name: LOU ZAMBRIO Notifier Phone: (212) 580-6765
Caller Name: RICHARD ROACH Caller Agency: CON EDISON Caller Phone: (212) 580-6763
DEC Investigator: AERODRIG Contact for more spill info: RICHARD ROACH Contact Person Phone: (212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/20/2001		UNKNOWN	NO	NO

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

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION ON TOP OF 20 GALLONS OF

WATER. AMOUNT REPORTED AS A SHEEN. SOIL SAMPLES HAVE BEEN TAKEN

DUE TO DISCOVERY OF PUMP. CON ED # 139024.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
Con Ed e2mis Notes:

8/20/01 While on location to splice feeder 1Q07, found a sheen of unknown oil on 20gal water in manhole. He had started pumping out water, then stopped when oil became visible in water that was pumped out onto street. Sample returned <1ppm PCB.

8/21/01 Double washed structure. However, unable to complete because of manhole cover over sump that cannot be moved. Chunks of cement need to be cut and removed.

Found an earthen sump. Cleanup completed by double washing with bio-gen 760 and slix. No company equipment leaking. The earthen sump had no signs of oil. They cemented sump and took no samples. All liquids were removed with vactor.

Map Identification Number 164 **MANHOLE #10639** **Spill Number: 0000578** **Close Date: 01/16/2002**
BRIDGE PLZ/28TH ST QUEENS, NY TT-Id: 520A-0136-900

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1943 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 11101

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CALLER - CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR NEVILLE	Notifier Phone:	(718) 246-6610
Caller Name:	TED ROBICHAUD	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	TED ROBICHAUD	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/14/2000		UNKNOWN	NO	NO

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

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. AMOUNT DESCRIBED AS

BEING A STAIN ON WALL. CLEANUP IS IN PROGRESS AND MATERIAL IS

BEING TREATED AS 50/499 PPM PCB. CON ED # 130900. NO CALL BACK

REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis #130900 Notes:

4-14-00 1328hrs

Small oil stain found on wall below cable duct in manhole 10639. Will be cleaned as 50-499ppm spot cleanup. There is a dirt sump in structure but was not affected. Will cement seal sump.

1430hrs

Sump was not affected but was earthen. Sump was sealed. Spot cleanup was done with bio-gen 760 and cleanup material was brought to College Point for disposal.

Map Identification Number 165 **382112TH STREET** **Spill Number: 9500524** **Close Date: 04/13/1995**
3821 12TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0132-745
38-21 12TH ST

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1954 feet to the WNW

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

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	PETROLEEUM HEAT & POWER	Spiller Phone:	(718) 532-2700
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	ARTHUR CONNELLY	Caller Agency:	PETROLEUM HEAT & POWER	Caller Phone:	(718) 932-2700
DEC Investigator:	SMMARTIN	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/13/1995	03/13/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

TANK OVERFILLED - ALL MATERIAL CLEANE U.

DEC Investigator Remarks:

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

Map Identification Number 166 **COMMERCIAL BUSINESS** **Spill Number: 0413143** **Close Date: 10/26/2005**
38-21 12TH STREET QUEENS, NY TT-Id: 520A-0132-739

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1954 feet to the WNW

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

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	MARLIN JOSEPH - COMMERCIAL BUSINESS	Spiller Phone:	(646) 772-7949
Notifier Type:	Other	Notifier Name:	MARLIN JOSEPH	Notifier Phone:	(646) 772-7949
Caller Name:	MARLIN JOSEPH	Caller Agency:	PETROLUEM TANKS	Caller Phone:	(646) 772-7949
DEC Investigator:	SMSANGES	Contact for more spill info:	MARLIN JOSEPH	Contact Person Phone:	(646) 772-7949

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/17/2005		OTHER	NO	NO

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

Caller Remarks:

SYSTEM TEST AND FOUND LEAK: (AN ABOVE LIQUID TEST) SIZE 1500

DEC Investigator Remarks:

sent ttf ltr on 3/25/2005

10/26/2005 Sangesland reviewed a submittal from Petroleum Tank Cleaners dated Sept 13, 2005 (received by DEC on 10/24/2005)

Letter states that the tank was uncovered and a remote fill line was traced back to the area under a new sidewalk. This line was open and probably caused the test failure. No contaminateion was found in the sidewalk location. The tank was fully excavated and removed, no contmaination was found. End point soil samples were taken and were all below detection levels.

Spill Closed

Map Identification Number 167 **14TH STREET BETWEEN** **Spill Number: 9611523** **Close Date: 06/16/2005**
36TH + 37TH QUEENS, NY TT-Id: 520A-0137-037

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1964 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 14TH ST BETW/36TH / 37TH AVES
Revised zip code: 11106

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	GE TSELEL AUTOMTIVE	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:	DISPATCH	Notifier Phone:	(718) 476-6200
Caller Name:	NYC FD HZ MAT	Caller Agency:		Caller Phone:	
DEC Investigator:	LNKLAAS	Contact for more spill info:	NYC FD HAZ MAT	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/19/1996		UNKNOWN	NO	NO

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

Caller Remarks:

LARGE OIL SLICK IN STREET - BELIEVED TO BE RUN OFF FROM THE JUNK YARD ON 14TH ST - NYC FD HAZ MAT LEAVING SCENE DOES RECOMMEND DEC RESPOND AND INVESTIGATE - OIL CLEANED OFF OF STREET WITH SAND

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "M TIBBE"
SEE ALSO 9611520.

06/16/05 Duplicate of spill #9611520 - cleanup complete, already closed. Closed. LNK.

Map Identification Number 168 **MANHOLE 14413** **Spill Number: 0403163** **Close Date: 09/23/2004**
QUEENS PLAZA NORTH QUEENS, NY TT-Id: 520A-0136-902

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1966 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: QUEENS PLAZA NORTH / CRESCENT STREET
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Federal Government	Notifier Name:	REIDY MR.	Notifier Phone:	(212) 580-6763
Caller Name:	RON ELLIOTT	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/22/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

2 quarts unknown oil - earthen sump found in manhole. Queens Plaza North at Crescent Street.

DEC Investigator Remarks:

e2mis no 153985

U.G. REPORTS FINDING APPROX 2 QTS OF AN UNKNOWN OIL ON APPROX 1000 GALS OF WATER. PCB SAMPLE TAKEN.

Lab Sequence Number: 04-04877-001

PCBs < 1 ppm

THE SAMPLE HAD THE PCB SURROGATE OUT OF THE QC LIMITS. RE-EXTRACTION AND RE-ANALYSIS WAS NOT POSSIBLE SINCE ALL OF THE ORIGINAL SAMPLE WAS UTILIZED. THE REPORTED PCB VALUE IS THE MINIMUM CONCENTRATION DETECTED IN THE SAMPLE.

STANFORD ENVIROMENTAL OPS REPORTS EATHREN SUMP IN STRUCTURE.

UPDATE: 22-JUN-2004 STANFORD REPORTS DOUBLE WASHED STRUCTURE WITH BIO GEN 760. REMOVED ALL LIQUIDS. SEALED SUMP.

Map Identification Number 169 **BEST-DDK CLEANERS** **Spill Number: 0913336** **Close Date: 09/14/2010**
38-68 13TH STREET NEW YORK CITY, NY TT-Id: 520A-0252-710

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1972 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3868 13TH STREET
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Other
Caller Name:
DEC Investigator: JBVOUGHT

Spiller: MARY MOON
Notifier Name:
Caller Agency:
Contact for more spill info: JAY MOON

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/18/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PCE	OTHER	0	UNKNOWN	0	UNKNOWN	GROUNDWATER
DICHLOROETHYLENE	HAZARDOUS MATERIAL	0	UNKNOWN	0	UNKNOWN	GROUNDWATER

Caller Remarks:

Groundwater samples collected show up to 26ppb PCE and 63ppb DCE.

DEC Investigator Remarks:

3/25/10-Vought-Spill assigned to Vought due as non-petroleum response coordinator. Owner of property is:

Mr. Jae Moon
Cell: (917)714-2135

Mr. Moon came into DEC offices without spill number and spoke to Vought. Mr Moon also had investigation report in hand that included the performance of soil borings in sidewalk outside of site that is a drycleaner. No soil samples were collected during installation of these two borings however groundwater analyticals show approximately 26ppb PCE. MR. Moon performed soil borings at request of bank he is seeking refinancing of porperty through. Vought required that Mr. Moon call spill hotline. Vought also received call from and spoke to consultant for Mr. Moon, by the name of Mr. Steve Uccellini (JR Holzmacher Ph:631-234-2220x105 fax:631-234-2221). Property owner as per ACRIS is:

Maryuhn Young Moon
726 Amaryllis Avenue
Oradell, NJ 07649-1404

3/26/10-Vought-Called and spoke to Jae Moon and explained requirements of delineation of soil and groundwater contamination and submission of Phase I Report and also confirmed that mailing address for site should be:

Mr. Jae Moon
Mrs. Maryuhn Young Moon
471 Tulane Court
Paramus, NJ 07654
Fax: (212)758-5175

Vought sent letter with below requirements to above address with one month due date and also sent contractor list with disclaimer clause as per repeated requests from Mr. Moon.

DEC requires Haz Waste CSL with one month due date and:
1)Submission of Phase I ESA
2)Delineation of groundater flow direction and collection of a sample downgradient from drycleaner.
3)Possible P-Site listing.
4)cc to JR Holzmacher

8/2/10-Vought-Received message from:

Mr. Casey Oh
Odelphi Environmental
Ph:201-943-5000
cell:609-314-0628
Email: caseyoh@odelphi.com

which requested a return phone call. Vought called and spoke to Mr. Oh and he reviewed DEC letter and property owner is eager to comply with DEC requirements. Casey works for Odelphi Consulting hired by property owner, Mr. Moon. Casey will submit Phase I and Phase II reports on hand. He reviewed proposal for additional well installation performed by a prior consulting company and Vought suggested that wells not be installed until scope of work is submitted and approved by DEC under Site Characterization Consent Order (SC CO). Vought requested that all available reports and data (note no data in file) be submitted and then Vought will return call with either SC CO meeting or Class II listing pending review and discussion with DEC O'Connell. Vought also noted that DEC delineation requirement as per DEC letter dated 3/29/10 is no longer valid due to possible SC CO including need for initial submittal of records search report and possible DOH and public concurrence on further investigation under Haz Waste Remediation Program. Vought sent email to Oh of same and also included requirements for submittal of initial Records Search Report as per SC CO.

8/6/10-Vought-Received email from Mr. Moon that "Dear Mr. Vought, Thank you for your prompt email. And I apologize for belated reply. I returned from my business trip today. I talked to the owner yesterday. I have Phase I performed in 2004 and just one pager from Phase II done in 2009. I will conduct Phase I for the property toward the end of the next week and collect additional information for the site. Thank you for your time on this project. Sincerely, Casey K. Oh, Ph.D. Odelphi Environmental, Inc." Vought replied requesting specific data of Phase II and Phase II submitall and also included SC CO Appendix B requirements of Records Search Report (RSR).

8/11/10-Vought-Received email from Oh that "Jeffrey, Attached please find the previous Phase I and Phase II reports that were performed. I thought of sending them together with my Phase I. I will walk the site this week (probably Thursday or Friday) and try to finish the report within two weeks from the day I walk. So you may expect to receive Phase I on August 27, 2010.
I will try to respond promptly. However, as I travel a lot, I rely on my BrackBerry heavily. Somehow my email is not properly forwarded to my phone. So please bear with me if my reply is delayed a couple of days. Thank you, Casey K. Oh, Ph.D." Vought replied that looking forward to 8/27/10 submittals and added reports to E-docs. Phase II only had one page of data summary and Vought requested full report.

8/13/10-Vought-Reviewed Phase I Report (JMK Environmental Solutions Ph:201-575-9972) dated 12/21/04 prepared for Nara Bank. "The subject property appears to be used as a sheet metal company from 1953-1995, and as a drycleaners from 1995-current. Prior use appears to be as dwelling units from the 1890s-1930s." "The subject property has been operating three(3)fourth generation dry

cleaning machines which generate, in total, large amoungs of percholoethylene or tetrachloroethylene, dry cleaning solvents. Dry cleaning machines were located on grade level and there was no basement underneath the drycleaning machine." Report does not recommend Phase II. Site located in zoned manufacturing area and in commcercial/industrial neighborhood. Building covers 100% of lot with a reinforced concrete slab foundation. No petroleum storage onsite as natural gas used for heating/cooling. Phase I observed seven perc contained onsite. Stone distributor to the northeast, iron works to the northwest, Pep Boys to the southeaset and furniture company to the southwest.

8/13/10-Vought-Received and began review of Phase II Report dated 6/12/09 submitted by Envirodox (Cherie Lim Ph:323-868-8268). Report prepared for Mr. Leonard Chin, BankAsiana,172 Main Street, Fort Lee, NJ 07024. Phase II was collection of two groundwater samples from two soil borings in the sidewalk of 13th Street in front of the Site. No odors, staining or PID hits in soil. Groundwater at 7-8'bg. "No soil samples were collected during this investigation" and borings were backfilled. Groundwater analyticals show: 9.8ppb PCE(SB1), 4.4ppb DCE(SB1), 26ppb PCE(SB2), 63ppb DCE(SB2). Report recommends additional horizontal and vertical delineation of groundwater. Vought confirmed P-Site status with DEC O'Connell and P-Site/SC CO status remains despite lack of contaminated soil samples due to proximity of samples to site and willingnes of RP to begin work. Vought to prepare P-Site Memo.

8/24/10-Vought-Sent email to DEC Cozzy and O'Connell requesting confirmation of P-Site Status prior to issuance of P-Site memo. Vought received reply from DEC Cozzy that due to the industrial nature of the area with no residential units, shallow groundwater, high potential for soil vapor instrusion that the P-Site Memo should be sent out and a SC CO offered. Cozzy also noted that NYSDOH should be contacted as to the extent of soil vapor investigation to be performed by owner in consideration of industrial land use.

8/25/10-Vought-P-Site Memo sent by Vought.

9/1/10-Vought-Received incomplete Phase II from Oh via email and sent reply that "I will wait for the CD but would appreciate it if you could put in the mail ASAP. I have sent a information request (as a routine procedure) to NYSDOH and DEC Albany to make sure that have no additional information to aid in Site characterization. The time period for the request is two weeks. Upon the end of that time I will request a site code (a new Remediation Case #) from Albany and then will be contacting you and the Site owner to come in for a meeting so we can discuss the Site Characterization Consent Order. (I will forward you a generic copy of the Order before we have the meeting so that you have time to review)."

9/7/10-Vought-Sent request for Site Code, T&A Code and E-doc transfer to DEC Barrie including lat, long and acreage of site.

9/14/10-Vought-Received and reviewed Phase I Site Assessment delivered to office by Oh on 9/7/10. Property inspection performed on 8/12 and 8/17. Onsite haz waste transported by Safetly Kleen/NWC. Building uses natural gas heating and has three drycleaning machines on a secondary containment on the concrete slab, five washers and a dryer, several empty 15-gal waste containers, spill containment material container, a spotting stand, ten press machines, three sets of shirt machines, four air compressors, two refrigerated dryers and a sump. ".....oil stained area where empty waste containers are stored. However no release was observed from the waste container. According to an employee, the stain came from part cleaning." "...a fill cap for a possible UST on the sidewalk was observed." Property had been residential building with garages since 1898, vacant from 1947-1950, sheet metal work building from 1967-1983 and as per current owner, building was converted from sheet metal work building to drycleaning building in 1997. Report recommends further delineation of PCE and investigation of two oil stained areas (waste container area and sump area in basement) if cracks noted after cleaning. Foundation is slab on grade and building contains dry cleaning factory, garment storage area, storage, boiler room, office, customer service area, bathroom and partial basement. Residential and welding

work building to the northwest, stonework building to the northeast, fine arts furniture building to the southwest and 13th Street to the southeast. Mr. Moon noted that building was used for drycleaning since 1997, he purchased business in 2002 and building in 2004 and he sold dry cleaning business to current owner in 2009. Builing covers entire footprint of property.

Received site code from DEC Barrie of C241126 and T&A Code of 65709. See Remediation #C241126 for further information. This spill administratively closed by Vought and consolidated with C241126.

10/5/10-Vought-SC CO meeting scheduled with Oh, Site owner, DEC O'Connell and DEC Oliva on 10/14 at 1pm. Vought sent draft copy of SC CO to Oh for review and also strongly urged that he bring counsel as well to the meeting to effectuate any legal discussion of the SC CO. Completed UIS Site Descrption and Environmental Assessment fields and added OGC Docket and Site Characterization projects to OU-1.

DEC possibly requires:
1)SC CO
2)Cozzy also noted that Vought contact NYSDOH after issuance of the Site Code but prior to the SC CO meeting to determine NYSDOH soil vapor study requirements.
3)investigation of fill port in sidewalk as per Phase I dated 8/23/10.

Map Identification Number 170 **SONIC PROPERTIES** **Spill Number: 9306917** **Close Date: 12/21/2006**
36-28 14TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0131-043

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1998 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 3628 14TH STREET
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	AAA POLLUTION SPECIALIST	Spiller Phone:	
Notifier Type:	Health Department	Notifier Name:		Notifier Phone:	
Caller Name:	RICH GARDNER	Caller Agency:	NYC DEC (HWR)	Caller Phone:	(718) 482-4933
DEC Investigator:	rvketani	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/09/1993		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

Caller Remarks:

ANONYMOUS LETTER TO NYC DEOH ALLEGES DELIBERATE SPILLAGE BY AAA & CON-ED PRECEDING ABANDONATED OF YARD BY AAA.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGLEHARDT"
10/10/95: This is additional information about material spilled from the translation of the old spill file: PCBS.

10/7/97: See spill #9305907

8/31/06 - Austin - Transferred from Engelhardt/O'Connell to myself - checked site (familiar with prior tenant, AAA, who is no longer in business; found a walled-in auto wrecking yard ("Astoria Used Auto Parts, Inc". - #7098602" on sign adjacent to office, no aparent persons on site) - no phone listing in phone directory - will need to contact persons on site to arrange an inspection - reassigned to Ketani to inspect site - end

9/6/06 - Raphael Ketani. A search did not turn up a PBS record. By searching Property Shark, NYC Property Tax listings, and the NYS Department of Finance website, I found the following information:

notices to: Sonic Properties, LLC, P.O. Box 250, Croton-On-Hudson, NY, 10520-0250

business: Astoria Used Auto Parts, Inc., 36-28 14 Street, LIC, NY, 11106

block & lot: 00350/0031

party #1: Ge-Tselel Automotive, Inc.

There were no phone numbers. I will send CSL letters to Sonic Properties and Astoria Used Auto Parts, Inc. I will also make an unannounced site visit.

I made an unannounced site visit at about 2:35PM. A small doorway was open at the site, but not the large garage door. I walked in and met 2 workers. The site is paved in the front half, but is soil in the back. The concrete looks as if it was laid maybe 4 years ago. An initial inspection of the concrete didn't turn up any cracks, but there were cars all over. Small pools of oil were on the concrete from the junked cars. There was no order to the storage of the cars and parts. Things were just draining onto the concrete.

The 2 workers said that the junk yard was closed and told me that the owner was at the Getty station at the corner of 21 Street and 36 Avenue. I took pictures of the site and the neighboring exterior area. A worker from the Getty station picked up the mail that had been left on the ground just inside of the doorway of the junk yard and went back to the gas station. I went to the Getty station and one worker told me that the owner was "T. J.", but that he wouldn't be in for about 1/2 an hour. I came back later and met "T.J." He told me that he was not the owner, but that the owner was William Schwartz at (212) 608-6987. He said that Mr. Schwartz had bought the property 4 years ago and also owned the adjacent properties.

I tried calling the (212) number, but it was a FAX machine. I will FAX a copy of the letter I had previously sent and I will put Mr. Schwartz's name on it as the owner.

9/7/06 - Raphael Ketani. I made several attempts on 9/6 and 9/7 to FAX the letter to Mr. Schwartz, but each attempt was unsuccessful. I will wait to see if the other 2 certified/return receipt letters are accepted by their respective recipients.

9/14/06 - Raphael Ketani. The return receipt card for the letter to Sonic Properties came back signed by Mr. Schwartz.

I received a voice mail yesterday from Mr. Schwartz of Sonic Construction (917) 299-6599. He didn't understand what spill I was talking about in my letter. I tried to reach him, but could only leave a voice message.

Mr. Schwartz called me back. He said that he recently bought the property. I told him that he has to hire a remediation company and get the contamination removed. He said that this could put him out of business. I told him that he assumed liability for the contamination when he bought the site. He asked who does remediation work. I told him that I can send him a list of contractors. He said his FAX number is (718) 937-5430. Mr. Schwartz said that pinning all of the cleanup responsibility on him isn't fair. I told him that he is the property owner and that he should have known about the contamination, or at least the bank should have, before buying the property.

9/25/06 - Raphael Ketani. I received a call from Mark Robin of Hydro Tech Environmental (631) 462-5866. He said that he has been contacted by the attorney for the owner of the site and told to put together an investigation proposal. He said the attorney is Jackie DiCrescio. I briefed Mr. Robin on the site. He said he will put togther a proposal soon.

11/3/06 - Raphael Ketani. I received an Investigation Work Plan from Hydro Tech Environmental. I am reviewing the plan.

11/6/06 - Raphael Ketani. I finished my review of the November 1, 2006 Investigation Work Plan. The Department found the plan to be acceptable with the comment that should the groundwater require treatment, then larger bore wells will have to be installed, and perhaps for treating the soil. I sent a letter of approval and asked that the Department be notified several days in advance as to when the work will definitely start.

11/16/06 - Raphael Ketani. I visited the site today to monitor some of the soil boring and sampling and groundwater sampling. I met Paul (cell (631) 241-7165) of Hydro Tech at the site. He was the head of the operation and the geologist. I took additional pictures of each half of the site - 3 for the left half and 1 for the right half. I monitored 3 soil borings that were drilled in the left half of the property (this includes SP-9). The samples that came up were all loose fill material down to the water table at 16 feet. The fill consisted of road aggregate type gravel or crushed stone, sand, broken red brick, and some silt. There was no evidence of layering or consistency. The most odoress samples were always in the 0' to 2' interval. The odors were of oil and at SP-9 the sample looked black. Groundwater was black, and strongly sulfurous. I asked Paul whether they were filling the holes in that they were making for the borings. He said "Yes." They were making good progress and so I left.

12/21/06 - Raphael Ketani. Today, I received the 12/11/06 Subsurface Investigation Report from Hydro Tech Environmental, Corp.

I finished my review of the report today. The boring locations and the number of borings gave adequate coverage to the site. According to the report and by my own observations in the field during sampling, the materials encountered consisted of pieces of brick, asphalt, gravel, sand, silt, "black fill material," "white fill material," and concrete. This is all historical fill material and is present down to the water table at 16 feet(and probably into the water table). Petroleum odors were detected in

soil samples at locations SP-2, SP-5 to SP-10, and SP-12. Soil samples from SP-6 and SP-12 were the only ones that had many detected VOCs. However, all of the detections were below the TAGM 4046 RSCO limits. Soil samples from sites SP-4, SP-7, SP-8, and SP-12 had many SVOC hits, as opposed to the other samples which had either no hits or just one or two. The sites with the many SVOC hits had analytes which are typical combustion products and could be from the dark material that was encountered in the samples. The dark material could be a mixture of ash and cinders. Many of the analytes in the samples from sites 4, 7, 8, and 12 exceeded the TAGM RSCO limits and ranged up to 11,000 ppb for benzo(a)anthracene at site 4. However, the analyte concentrations were very similar from site to site. So the material and origin are probably the same. The exceedences were moderate in concentration for historical fill. Lastly, the PCB hits were minimal.

While there is some groundwater contamination at SP-12, this was the only site that had exceedences. None of the sites had soil contamination that warranted soil excavation for VOCs. As regards SVOCs, the exceedences appeared in the combustion products and are probably from the historical fill and also don't warrant excavation.

Based upon the Subsurface Investigation Report, I am closing the spill case.

Map Identification Number 171 **IN THE SEWERS AT** **Spill Number: 9613192** **Close Date: 09/23/2003**
40TH AV & 13TH ST QUEENS, NY TT-Id: 520A-0123-788

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1999 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 40TH AV / 13TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:	DISPATCHER	Notifier Phone:	
Caller Name:	FIREFIGHTER GARDNER	Caller Agency:	NYC F.D.	Caller Phone:	(917) 769-0483 ext. 0
DEC Investigator:	CAENGELH	Contact for more spill info:	CON ED	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/06/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	500.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

UNKNOWN CAUSE

INTO SEWERS

CON ED IS DIGGIN UP STREET NOW FOR WHERE THEY BELIEVE SPILL ORIGINATED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
See also spill #9613180.

2/6/97: Arrived @0935. Jerry Matterazzo - Con Ed, Gaylord Hanson

- MEG. Leak found at 0630 -0700, clamped at 0700 hrs. Location

40th Ave & 13th St. 150 gallons almost pure oil recovered so far.

Con Ed checking adjacent storm sewers and utilities - no oil.

2/11/97: John Hegerty - Feeder from Vernon to Queensbridge

Substations. 760 gallons lost. Permanent repairs made 2/7/97.

Map Identification Number 172 **VAULT #9358** **Spill Number: 0404359** **Close Date: 10/08/2004**
36TH AVE/ 21ST STREET QUEENS, NY TT-Id: 520A-0123-484

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2001 feet to the NNW

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

Source of Spill:	UNKNOWN	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	(212) 580-8383
Notifier Type:	Other	Notifier Name:	KEVIN MCRADLE	Notifier Phone:	(212) 580-6763
Caller Name:	KEVIN MCRADLE	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/22/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

.5 pint of transformer oil. Transformer was tested and does not appear to be leaking. Con-Ed# 154471

DEC Investigator Remarks:

e2mis no 154471

WIKANE REPORTS FINDING APPROX 1/2 PT OF TRANSFORMER OIL ON CONCRETE IN VS9358. THE SPILL CAME FROM THE NETWORK PROTECTOR DOOR. IT APPEARS TO BE A BUSHING LEAK WHICH CANT BE FIXED AND UNIT IS TO BE REPLACED. THE UNIT WAS PRESSURE TESTED AND PASSED, AND THE OIL LEVEL WAS GOOD. THERE WERE NO SEWER CONNECTIONS, AND THERE IS A CONCRETE SUMP. ONE LIQUID SAMPLE TAKEN FOR PCB.

LAB SEQ# 04-05760-00: < 1.0 PPM.

7/24/04 1240HRS W.LONG ENVIR OPPS REPORTS CLEANUP COMPLETED DOULBED WASHED STRUCTURE USING BIO-GEN 760. FOUND SUMP SEALED. REMOVED ENVIR TAG#14920.

Map Identification Number 173 **3602 21ST STREET** **Spill Number: 0807017** **Close Date: 11/30/2010**
3602 21ST STREET LONG ISLAND CITY, NY 10016 TT-Id: 520A-0220-668

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2017 feet to the NNW

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

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name:
DEC Investigator: hrpatel

Spiller: MATT DOMINICK - UNKNOWN
Notifier Name:
Caller Agency:
Contact for more spill info: MATT DOMINICK

Spiller Phone:
Notifier Phone:
Caller Phone:
Contact Person Phone: (646) 879-3315

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/22/2008		UNKNOWN	NO	NO

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

Caller Remarks:

CALLER STATES THAT THEY WERE REPAIRING A WATER MAIN AND ENCOUNTERED SOME OILY SOIL. THERE IS A NOW A SHEEN IN THE PUDDLE. CLEAN UP IS PENDING.

DEC Investigator Remarks:

09/23/08-Hiralkumar Patel. spoke with Mr. Dominick at DEP. they were repairing water main leak and during excavation they found contaminated soil above water main location. once they reach to water main line, water filled excavation and sheen was observed on top of water. no odors inside excavation. suggest Mr. Dominick to backfill excavation once they repair water line. Mr. Dominick mentioned that contaminated soil found in front of property 3602 21st street and that is Getty gas station.

multiple spills found at the site.

spill #: 9801243 reported 4 gal gasoline spill in Apr. 1998 and spill closed in Feb. 2006.
spill #: 9805206 reported contamianted soil while tank removal and spill closed in Dec. 2004.
spill #: 0505775 reported 1 gal motor oil spill in Aug. 2005 and spill closed in Aug. 2005.

PBS #: 2-146048.

alternate addresses: 14-08 to 14-14 36th Ave

visited site. met Mr. Singh, operator of gas station. Mr. Singh showed location where DEP was working. DEP worked on street near fire hydrant on 21st street. this hydrant is about 20 ft away from dispenser islands.

Mr. Singh mentioned that tank system including pipings and dispenser islands were upgraded in 1998. and old dispenser islands were located at same location where existing dispenser islands are.

Tejinter Singh **gas station owner**
36-02 21st Street
Long Island City, NY 11105
Ph. (718) 392-0250
Fax (718) 392-2665
email: narkeet@aol.com

reviwed available documents for spill #: 9805206. removed ten 550 gal gasoline USTs, one 1000 gal fuel oil UST and one 550 gal waste oil tank from the site. after removing tanks, collected endpoint samples from tank field excavation. found high contamination in endpoint samples. no contamination found in endpoint sample taken close to previous dispenser island location (SW-4). no indication about dispenser island removal. no sampling around dispenser island.

from PBS record, property owner is Getty Petroleum Marketing Inc.

left message for Mr. Hanley to confirm ownership of the site. sent email to Mr. Hanley.

10/01/08-Hiralkumar Patel. left message for Mr. Hanley to provide property owner's information.

11/21/08-Hiralkumar Patel. left message for Bob Walsh (??) at Getty to confirm ownership.

11/25/08-Hiralkumar Patel. spoke with person in tax department at Getty, who confirmed that Mr. Hanley is environmental incharge for subject getty station.

left message for Mr. Hanley to call back by end of 11/26/08.

Scott Hanley
Ph. (516) 542-5022

left message for Mr. Hatcher at Tyree (environmental consultant for Getty).

Paul Hatcher
Tyree
Ph. (631) 249-3150

12/02/08-Hiralkumar Patel. received call from Mr. Hanley from Getty petroleum marketing. Mr. Hanley mentioned that getty petroleum marketing ownes tanks at the site and site owner is Getty Realty. he asked to contact Mr. Shea at Getty Realty.

Getty Petroleum Marketing Inc. **tank owner**
1500 Hempstead Turnpike
East Meadow, NY 11554
Attn.: Scott Hanley
Ph. (516) 542-4900
(914) 646-1869
email: shanley@getty.com

Mr. Hanley mentioned that contamination under sidewalk could be result of old spill in 1998 and at that time, Getty Realty corp. was owner.

spoke with Chuk Levy (516-478-5426) at Getty. he confirmed site ownership with following information:

Leemilt's Petroleum, Inc. **site owner and previous tank owner**
125 Jericho Turnpike, Suite # 103
Jericho, NY 11753
Attn.: Kevin Shea
PH. (516) 478-5480
Fax (516) 478-5490
email: kshea@gettyrealty.com

sent letter to Mr. Hanley and Mr. Shea requiring soil delineation between fire hydrant along 21st street and on-site dispensers. letter emailed to Mr. Hanley and Mr. Shea.

12/18/08-Hiralkumar Patel. received call from Matt from Tyree. they have been hired for required work. will call back with work schedule.

Matt Boeckel
Tyree
Ph. (508) 922-9044 (C)
(631) 249-3150 Ext. 241
email: mboeckel@tyreeorg.com

01/21/09-Hiralkumar Patel. received email from Matt with letter. Matt mentioned that dispensing lines and leak detectors were tested on 07/25/03, 09/27/04, 11/21/05, 09/01/06, 09/04/07 and 08/18/08 and all tests passed. tanks were also tested on 09/04/07 and found tight. he also mentioned that there were no investigation/remediation work done in area between dispenser island and street. based on these informations, he believes that contamination found recently under the sidewalk could be result of old leak in 1998 and Getty REalty Corp. (previous owner) is responsible for required investigation.

spoke with Matt. explained him that the department requires investigation for soil contamination that might be originated from the gas station and as no record whether this contamination from old spill or any spill on-site under new ownership, the department requires current owner to perform investigation (to justify their claim).

received email from Matt at 3:50 PM. he spoke with Getty marketing and current tank owner will conduct soil delineation. will also collect samples for figerprint analysis and age dating analysis. will send work schedule.

01/27/09-Hiralkumar Patel. received call from Matt. they are at the site doing soil investigation.

02/26/09-Hiralkumar Patel. spoke with Matt. he is waiting for lab data. will submit report.

03/23/09-Hiralkumar Patel. spoke with Matt. he got analyticals and will submit report by 03/31/09.

04/23/09-Hiralkumar Patel. received report from Matt. abstract:

- four soil/groundwater borings were installed to depth of 15 ft bg in area between dispenser islands and fire hydrant along 21st street
- soil samples collected at highest PID or at groundwater interface if no PID found above it

- no PID readings found in soil from 0 to 10 ft depth
- found high PID readings at groundwater interface in boring B2 (45 ppm) and B3 (225 ppm)
- found odor and staining in soil at water interface in boring B2 and B3
- soil samples from each borings were collected at depth of 10-12 ft bg
- groundwater encountered at 12 ft bg <-------
- found high VOC contamination in samples from B2 and B3
- SVOC contamination found in B-2
- minor contamination found in groundwater samples (21 ppb Xylene in B3)
- percent aging was conducted on sample from boring B3 and results indicate that this is from an older spill and approx. 90% of the original contaminants have degraded <---------

soil analyticals

	B-2	B-3
Benzene	900	470
Toluene	1,430	
Ethylbenzene	33,900	81,500
Xylene	54,700	80,500
Naphthalene	364,000	169,000
1,2,4-Trimethylbenzene	37,600	50,200
1,3,5-Trimethylbenzene	12,000	14,900

04/29/09-Hiralkumar Patel. spoke with Matt. he confirmed that all previous monitoring wells have been abandoned.

05/06/09-Hiralkumar Patel. review of old file for spill # 9805206:

-

abstract of tank closure report:

- dated June 11, 1999
- tanks removed as part of EPA mandated upgrade
- one pump island located adjacet to 21st street <-------
- removed ten 550 gal single wall steel, concrete encased gasoline UST located east of station building
- removed one 1000 gal single wall steel, concrete encased fuel oil UST located northeast of station building
- removed one 550 gal single wall steel waste oil UST located adjacent to, and southeast of station building
- soils found fine to medium grained sand, dark grey clayey silt <---------
- groundwater was not encountered during tanks removal
- 12 endpoint samples collected: eleven samples collected (SW-1 to SW-8 and B-1 to B-3)) from excavation of gasoline and fuel oil tank and one endpoint sample collected (waste oil) after removal of waste oil tank
- sidewall samples collected at 9 ft depth and bottom samples collected at 11 ft depth from gasoline tank excavation
- one endpoint bottom sample was collected at 9 ft depth from waste oil tank excavation
- 1,135 gal liquid removed from tanks
- 105.04 tons of soil removed
- 550 gal gasoline tanks were 3.5 ft in diameter and 8 ft long <----------

- 1000 gal fuel oil tank was 4 ft in diameter and 10 ft 8 inch long <----------
- 550 gal waste oil tank was 4 ft in diameter and 6 ft long <----------
- no holes found in tanks after removal
- found heavy contamination in endpoint sidewall and bottom samples
- found high PID in endpoint samples

PID readings in endpoint samples:

	depth in ft	PID value in ppm
SW-1	9	294
SW-2	9	421
SW-3	9	1,200
SW-4	9	184
SW-5	9	235
SW-6	6	87
SW-7	9	192
SW-8	3.5	4
B-1	11	2,250
B-2	11	321
B-3	11	2,105
waste oil	9	443

endpoint soil analyticals:

	SW-3	B-1	B-3	waste oil
Toluene	4,960	50,200	1,000	
Ethylbenzene	34,600			
Xylene	356,000	309,500	7,820	2,960
1,2,4-Trimethylbenzene	392,000	304,000		
1,3,5-Trimethylbenzene	135,000	10,300		
Naphthalene	29,400	102,000		

MTBE values in endpoint samples:

	MTBE
SW-2	152
SW-3	5,490
SW-4	165
SW-5	573
SW-6	453
B-1	17,000
B-2	435
B-3	1,960
waste oil	669

well logs:

- four monitoring wells installed on 05/25/2000
- wells were installed to depth of 25 ft bg with screen from 5 to 25 ft
- groundwater found at 10 ft depth <----------

July-Sep. 2000 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.72 ft (MW-1) to 12.23 ft (MW-4)
- groundwater flow towards southwest <---------
- contamination found in MW-2

Oct.-Dec. 2000 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.75 ft (MW-1) to 11.85 ft (MW-4)
- groundwater flow towards southwest <---------
- contamination found in MW-2

Jan-Mar 2001 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 9.40 ft (MW-1) to 11.25 ft (MW-4)
- groundwater flow towards southwest <---------
- contamination found in MW-2

Apr-Jun 2001 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 9.37 ft (MW-1) to 9.60 ft (MW-4)
- groundwater flow towards southwest <---------
- contamination found in MW-2

Jul-Sep 2001 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.38 ft (MW-1) to 11.51 ft (MW-4)
- groundwater flow towards southwest <---------
- contamination found in MW-2

Oct-Dec 2001 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.83 ft (MW-1) to 12.96 ft (MW-4)
- groundwater flow towards southwest <---------
- no contamination found in MW-2
- contamination found in MW-3

Jan-Mar 2002 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.97 ft (MW-1) to 12.02 ft (MW-4)
- groundwater flow towards southwest <---------
- contamination found in MW-2
- no contamination found in MW-3

Apr-Jun 2002 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.67 ft (MW-1) to 11.78 ft (MW-4)
- groundwater flow found tidally influenced <---------
- contamination found in MW-2

Jul-Sep 2002 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.63 ft (MW-1) to 11.76 ft (MW-4)
- groundwater flow found tidally influenced <---------
- contamination found in MW-2

Oct-Dec 2002 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.54 ft (MW-1) to 11.70 ft (MW-4)
- groundwater flow found tidally influenced <---------
- contamination found in MW-1
- no contamination found in MW-2

Jan-Mar 2003 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.40 ft (MW-1) to 11.58 ft (MW-4)
- groundwater flow found tidally influenced <---------
- contamination found in MW-2 & MW-4
- MW-3 was not accessible

Aug-Oct 2003 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.87 ft (MW-3) to 11.97 ft (MW-4)
- groundwater flow found tidally influenced <---------
- contamination found in MW-2 (B-172 ppb, E-127 ppb)

DEC Vought sent letter on Oct. 3, 2003 requiring complete soil and groundwater delineation at former endpoint locations SW3 and B1, southwest of SW3 and B1, northwest of service station building and northeast of MW-2. also required surrounding property sketch.

Oct-Dec 2003 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.77 ft (MW-1) to 11.90 ft (MW-4)
- groundwater flow found tidally influenced <---------
- contamination found in MW-2 (B-123 ppb, E-136 ppb)

Tyree sent letter to the department proposing to install five borings for delineation requirement as per letter dated Oct. 3, 2003.000

Feb. 25, 2004 subsurface investigation report:

- one pump island located adjacent to 21st street
- four 4,000 gal gasoline USTs on site
- installed five borings, borings were terminated at depth of 16 ft bg
- dark brown to brown, medium to coarse grained sand found in borings
- groundwater found at 13.5 ft (SB-1), 11 ft (SB-2), 12 ft (SB-3), 12 ft (SB-4) and 13 ft (SB-5)
- five soil and five groundwater samples collected for analysis
- found high PID in soil from SB-3 at 0-4 ft depth (152 ppm) and at 4-8 ft (48 ppm); no PID readings found in other borings
- minor contamination found in soil from SB-3 at 0-4 ft depth (X-1,071 ppb, 1,2,4-7,360 ppb and 1,3,5-3,700 ppb)

DEC Vought sent letter on Mar. 19, 2004 requiring continued quarterly groundwater monitoring based on Aug-Oct 2003 monitoring report.

Jan-Jun 2004 quarterly monitoring report:

- no LNAPL found in any wells
- groundwater was found at depth ranging from 10.99 ft (MW-1) to 12.06 ft (MW-4)
- groundwater flow found tidally influenced <---------
- groundwater samples in Mar 2004 and in Jun 2004
- contamination found in MW-2 (B-142 ppb, E-95 ppb) during sampling in Mar. 2004.

DEC Vought sent NFA letter on Dec. 03, 2004 (wrong date on letter Dec. 3, 2003).

groundwater data:

----------MW-1----------MW-2----------MW-3----------MW-4
----------BTEX-----MTBE-------BTEX-----MTBE-------BTEX-----MTBE-------BTEX-----MTBE
Jul-Sep 2000----------746------499
Oct-Dec 2000----------573------106
Jan-Mar 2001----------259
Apr-Jun 2001----------126
Jul-Sep 2001----------98--------8
Oct-Dec 2001----------385
Jan-Mar 2002----------376
Apr-Jun 2002----------396
Jul-Sep 2002----------265-------16
Oct-Dec 2002-----1,105----2,890
Jan-Mar 2003----------495-------13----------25
Aug-Oct 2003----------322
Oct-Dec 2003----------282
Mar. 2004----------254
Jun. 2004----------79

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05/29/09-Hiralkumar Patel.

3:35 PM:- sent letter to Mr. Hanley and Mr. Shea requiring complete delieation of soil and groundwater contamination in the area of dispenser island including site specific groundwater flow direction. asked to submit work plan (with work schedule) for required work within 30 days of this letter. letter emailed to Mr. Hanley, Mr. Shea and Matt.

11/24/09-Hiralkumar Patel.
11:01 AM:- spoke with Mr. Shea. he mentioned that they have NFA from the department and believes that further investigation at the site is Getty Marketing’s responsibility.
11:03 AM:- left message for Mr. Hanley to call back by end of today.
11:19 AM:- sent email to Mr. Hanley and Mr. Shea to submit investigation work plan by the end of 12/04/09 or else case will be referred to legal. email copied to Matt and Mr. Singh.
11:23 AM:- received call from Mr. Hanley. he will call back with more details.

12/01/09-Hiralkumar Patel.
2:34 PM:- sent email to Mr. Shea and Mr. Hanley reminding to submit work plan by 12/04/09.
2:56 PM:- received call from Matt inquiring about responsibility of spill. explained to Matt that the Department requires additional investigation and remediation of the site and current and previous owner has to decide who will going to do such work. Matt will talk to Mr. Hanley.

12/02/09-Hiralkumar Patel.

12:48 PM:- received email from Paul Lindell from Delta consultants. Paul mentioned that Getty properties and Getty marketing is currently discussing and requested additional time.

Paul Lindell
Delta Consultants
PH. (914) 495-9932 (O)
(914) 954-1014 (C)
Fax (914) 769-1380
email: plindell@deltaenv.com

12/03/09-Hiralkumar Patel.
12:51 PM:- sent email to Mr. Lindell requiring to submit work plan by end of 12/04/09 or else case will be referred to legal. email copied to Mr. Hanley and Mr. Shea.
3:09 PM:- received call from Matt. he requested deadline extension. after discussing situation, approved deadline extension to 12/31/09.

12/04/09-Hiralkumar Patel. discussed with DEC legal. as no information available about any leak from current tank system, no odors or staining (as per boring logs) in shallow soil during recent investigation (Apr. 2009) and heavy contamination at soil/water interface, its site owner's (Leemilt's Petroleum, Inc.) responsibility.

after discussing with DEC legal, sent STIP letter to Mr. Shea requiring to submit signed STIP and investigation work plan by the end of 12/31/09. letter emailed to Mr. Shea, Mr. Hanley, Matt and Mr. Lindell.

03/31/10-Hiralkumar Patel.
10:27 AM:- called for Mr. Shea, but receiptionist transferred call to Brad Fisher at Delta consultants who was in Mr. Shea's office. Mr. Fisher mentioned that he represents Getty Realty and the department should talk to him instead of Mr. Shea. Mr. Fisher mentioned that he just took over project and doesn't know much about this spill. Mr. Fisher requested copy of investigation report prepared in Apr. 2009 by Getty Marketing.

discussed case with DEC legal.

11:21 AM:- spoke with Mr. Fisher and asked him to submit written response, from Getty Realty, for letter dated 12/04/09. informed Mr. Fisher that reponse must be submitted by the end of 04/02/10.

Brad Fisher
Delta Consultants
Ph. (914) 495-9936
email: bfisher@deltaenv.com

11:36 AM:- sent email to Mr. Fisher and Mr. Shea with copy of investigation report (dated Apr. 2009) and asked to submit written response to letter dated 12/04/09, by the end of 04/02/10.

04/02/10-Hiralkumar Patel.
11:13 AM:- received call from Mr. Fisher. he mentioned that attorneys for Getty Marketing and Getty Realty are discussing this

matter and need some extra time to resolve this. asked Mr. Fisher to provide final answer, about STIP signature and who is going to do work, by end of 04/08/10.

04/08/10-Hiralkumar Patel.
9:28 AM:- received message from Mr. Fisher. he mentioned that Getty Realty has signed STIP, but he wants to discuss time line on CAP before he forward signed STIP to the Department.

04/09/10-Hiralkumar Patel.
8:40 AM:- left message for Mr. Fisher.
1:48 PM:- received call from Mr. Fisher. he asked about modification in CAP. informed him that the only change in CAP will be deadline for submission of an investigation work plan.
2:58 PM:- sent modified CAP to Mr. Shea via email. email copied to Mr. Fisher.

04/15/10-Hiralkumar Patel. received two copies of signed STIP (at 12:20 PM on 04/14/10) from Getty realty.
04/16/10-Hiralkumar Patel.
10:08 AM:- forwarded STIP to DEC Lou for regional director's signature.

04/19/10-Hiralkumar Patel.
12:19 PM:- received email from DEC Lou with copy of fully signed STIP.
2:20 PM:- sent email to Mr. Shea with copy of fully executed STIP. email copied to Mr. Fisher, Mr. Hanley and Matt.

05/18/10-Hiralkumar Patel.
4:51 PM:- sent email to Mr. Shea reminding him to submit investigation work plan by tomorrow, as per signed STIP. email copied to Mr. Fisher, Mr. Hanley and Matt.
4:58 PM:- received email from Mr. Fisher requesting deadline extension to 05/28/10.

05/20/10-Hiralkumar Patel.
3:23 PM:- sent email to Mr. Fisher. informed him that the work plan must be submitted by the end of 05/24/10 (final notice).

05/21/10-Hiralkumar Patel.
11:47 AM:- received email from Mr. Fisher. he is out of office on 05/24/10, so he requested to extend one more day to submit work plan (on 05/25/10).
11:48 AM:- sent email to Mr. Fisher approving his request.

06/01/10-Hiralkumar Patel. received work plan from Mr. Fisher (at 4:09 PM on 05/25/10). abstract:

- five soil borings will be installed to 17 ft bg
- soil samples will be collected at highest PID or above water table (with PID less than 10 ppm)
- three soil borings will be converted into 2 inch permanent wells with 15 ft of screen
- well development water will be treated with granulated activated carbon and discharged on site <--------
- work will start within 30 days of approval and report will be submitted within 45 days following receipt of lab results

the submitted work plan is not acceptable for following reasons:

- proposes to collect soil samples at highest PID or above water table {the department requires collection of soil samples from highest PID, deepest dry and/or deepest clean zone (if soil contamination extends below water table)}
- proposes to discharge well development water on-site after treating with activated carbon (the department requires proper dishcarge - either off-site at regulated facility as contaminated water or into city sewer system with proper permit from city department)

11:35 AM:- left message for Mr. Fisher.
1:05 PM:- sent email to Mr. Fisher requiring to submit revised work plan with following changes:

- Soil samples from borings must be collected at the highest PID and the deepest dry zone. If soil contamination extends below the water table, then soil samples must be collected at the deepest clean zone also.
- Well development water must be discharged properly - either at off-site regulated facility as contaminated water or into city sewer system with proper permit/approval from city agency.

email copied to Mr. Shea and Mr. Hanley.

06/02/10-Hiralkumar Patel.
4:29 PM:- received email from Mr. Fisher with revised work plan. this revised work plan is not acceptable as proposes to discharge well development water onto grassy area. work plan doesn't include anything about water sampling prior to discharge onto grassy area.

06/03/10-Hiralkumar Patel.
1:35 PM:- sent email to Ms. Fisher informing that the revised work plan is not acceptable due to disposal of well development water onto grassy area without confirming its cleanliness via sampling. asked him to submit re-revised work plan. email copied to Mr. Shea and Mr. Hanley.
4:25 PM:- received email from Mr. Fisher with re-revised work plan prepared by Kleinfelder.

06/04/10-Hiralkumar Patel.
1:08 PM:- spoke with Richard Swedborg (631-218-0612) at Kleinfelder regarding their involvement with the project. Kleinfelder has been hired by Delta as sub-contractor.
1:33 PM:- sent work plan approval letter to Mr. Shea. letter emailed to Mr. Shea, Mr. Hanley and Mr. Fisher.

08/31/10-Hiralkumar Patel. received email from Kleinfelder (at 7:50 PM on 08/30/10) including investigation report. abstract:
- installed five borings (SB-A, SB-B, MW-A, MB-B and MW-C) to 17 ft bg except boring SB-B where refusal found at 7 ft bg
- borings were hand cleared to 6 ft depth
- samples were collected from 6 to 17 ft bg at five ft depth intervals
- two soil samples were collected from each boring except SB-B due to refusal at 7 ft bg
- soil encountered during investigation consisted predominately of fine to coarse grained sand soil with varying amounts of gravel and debris
- bedrock was not encountered during borings
- installed three 2 inch wells at three boring locations, with 15 ft of screen
- groundwater was encountered between 11.17 through 11.33 ft bg
- groundwater was interpreted to flow southerly at the site
- no VOC contamination found in soil samples

- found SVOC contamination in soil samples with heavy contamination at 6-11 ft in MW-C
- no VOC or SVOC contamination found in groundwater samples
- will collect additional round of groundwater samples in Oct. 2010

Yanira DePuy
Kleinfelder
PH. (845) 567-6530 Ext. 133
(845) 721-8784 (C)
Fax (845) 567-6542
email: YDePuy@kleinfelder.com

11/22/10-Hiralkumar Patel.
12:39 PM:- received quarterly groundwater sampling report from Kleinfelder. groundwater samples were collected from three wells MW-A, MW-B and MW-C. no free product found in any well. no contamination found in any groundwater sample.

11/30/10-Hiralkumar Patel. discussed with DEC Austin. due to heavy soil contamination found in boring B-2 and B-3, Austin required a monitoring well downgradient from these two borings and collection of groundwater sample.

reviewed former investigation reports. borings B-2 and B-3 were installed near the dispenser island. during groundwater investigation, groundwater flow was towards the south. based on groundwater flow direction, boring SB-A was installed downgradient from former borings B-2 and B-3. found 109 ppm on PID at 6-11 ft depth, but no VOC or SVOC contamination found in soil sample at 6-11 ft in SB-A.

discussed again with DEC Austin and case closed based on following:

- no PID readings from 0-10 ft in boring B-2 and B-3
- no contamination in groundwater samples from boring B-2 and B-3
- no contamination in soil sample at water interface in boring SB-A which was installed downgradient from boring B-2 and B-3

4:13 PM:- sent spill closure letter to Mr. Shea. letter emailed to Mr. Shea and Mr. Hanley.

02/14/11-Hiralkumar Patel.
5:03 PM:- received well closure report from Kleinfelder.

Map Identification Number 174 **GETTY #568** **Spill Number: 0511739** **Close Date: 01/11/2006**
36-02 21 STREET LONG ISLAND, NY TT-Id: 520A-0130-635

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2017 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 3602 21ST ST
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	CUTOMER OVERFILL	Spiller Phone:	
Notifier Type:	Other	Notifier Name:	MIKE CARR	Notifier Phone:	(518) 369-7822
Caller Name:	MIKE CARR	Caller Agency:	TYREE	Caller Phone:	(518) 369-7822
DEC Investigator:	SMSANGES	Contact for more spill info:	MIKE CARRIER	Contact Person Phone:	(518) 369-7822

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/11/2006		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

ALL CLEANED UP: NO RELEASE TO ENVIROMENT

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

Map Identification Number 175 **FOUR SONS REALTY** **Spill Number: 9705856** **Close Date: 08/26/2003**
22-09 QUEENS PLAZA NORTH LONG ISLAND CITY, NY TT-Id: 520A-0129-455

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2064 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 2209 QUEENS PLZ NORTH
Revised zip code: 11101

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	RON STOPPELMANN - FOUR SONS REALTY	Spiller Phone:	(718) 392-4531
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:	BILL JOHNSON	Caller Agency:	YELLOWSTONE ENVIRONMENT	Caller Phone:	(516) 485-0000
DEC Investigator:	MCTIBBE	Contact for more spill info:	BILL JOHNSON	Contact Person Phone:	

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/06/1997		OTHER	NO	NO

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

Caller Remarks:

1 550 GAL TANKS REMOVED SHOWING CONTAMINATED SOIL-SOIL ON SITE PILED ON PLASTIC AT THIS TIME

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
PETROCELLI ELECTRIC. sparge/vent system. soil and groundwater remediation. Site contamination decreasing but then product appeared in upgradient well (see 0330001). All wells closed except MW-5 & 6, to be used for investigation of off-site source.

Map Identification Number 176 **PETROCELLI ELECTRIC** **Spill Number: 0330001** **Close Date: 01/03/2011**
22-09 QUEENS PLAZA NORTH LONG ISLAND CITY, NY TT-Id: 520A-0129-454

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2064 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 2209 QUEENS PLZ NORTH
Revised zip code: 11101

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	HOWIE FREDERICKS	Notifier Phone:	(973) 442-1320
Caller Name:	MARK TIBBE	Caller Agency:	NYSDEC	Caller Phone:	(718) 482-4097
DEC Investigator:	hrpatel	Contact for more spill info:		Contact Person Phone:	

Category:	Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class:	Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/05/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER
The following material was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
JET FUEL	PETROLEUM	0	GALLONS	0	GALLONS	

Caller Remarks:

3.78 feet of diesel or #2 identified in MW-6 at Petrocelli Electric. MW-6 in the most upgradient well. It appears to be from an offsite source.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel.

3/28/05 - spill # 0211175 has been consolidated to this spill. - KST

8/15/05 - Haggerty - had previously spoke with Carlos of Petrocelli Electric (718)-752-2200. Spill was called in because a monitoring well previously showing little or no contamination was now showing significant contamination. Carlos believes contamination is coming from an off-site source.
----requires additional info, site visit

03/10/2006: Reviewed the report submitted by EnSlution, Inc., dated March 31, 2003. Analytical data and gw flow direction indicates, an off-site source may impact the site. There are three potential off site sources upgradient and or adjacent to the Petrocelli property. Further investigation necessary. (Sadique)

9/29/09 - Austin - Transferred from Albany assignment to Patel, for further investigation. - end

10/01/09-Hiralkumar Patel.

alternate addresses: 41-32 23rd St, 41-31 22nd St

PBS #: 2-603679. according to PBS record, site had two 4,000 gal USTs closed in place (no product info available) and currently has one 4,000 gal gasoline UST and two 4,000 gal diesel USTs. active USTs were installed on 12/01/98.

other spill: 9705856, 0211175.

spill 9705856 was reported on 08/14/1997 as found contaminated soil during removal of 550 gal gasoline tank. during remediation, found free product in off-site upgradient well and DEC Mark reported the subject spill (0330001). spill 9705856 was closed on 08/26/03 and all on-site wells were closed except wells MW-5 and MW-6 which might needed for off-site investigation.

spill 0211175 was reported on 02/06/2003 as found line test failure on diesel tank. case closed on 03/28/2005 as was referred to the subject spill # 0330001.

property owner (as per ACRIS):

PEC Realty Corp.
c/o Petrocelli Electric Corp.
22-09 Queens Plaza North
Long Island City, NY 11101-4003
Ph. (718) 752-2200
Fax (718) 472-2402

or

The New York City Industrial Development Agency
110 William Street
New York, NY

02/01/10-Hiralkumar Patel.
12:55 PM:- received call from Mr. Love, consultant hired by bank looking to refinance this property. Mr. Love asked what needs to be done to close the case. asked Mr. Love to submit available information for further discussion.

Dan Love
Lender Consulting Services
Ph. (646) 425-4854
Fax (716) 845-6164
email: dlove@lenderconsulting.com

02/04/10-Hiralkumar Patel.
reviewed documents available under spill # 9705856 and 0211175.

-
1) 02/16/1998: Remedial System Proposal:
- contractor proposed for SVE system

2) 05/29/1998: Correction Action Plan:
- in april 1998, intslled ten soil borings (S-1 to S-10)
- collected ten soil samples (one from each boring) and six groundwater samples (GW-1 to GW-6 from borings S-1 to S-6, respectively)
- soil samples were collected at highest PIDs or at water interface
- groundwater found at 16 ft depth
- based on soil/groundwater data, installed six 4-inch monitoring wells (MW-1 to MW-6) with 15 ft of screen
- minor soil contamination (Xylene: 1,470 ppb and MTBE: 448 ppb) in soil sample from S-10 at 4-8 ft depth
- found heavy contamination in groundwater samples

groundwater analyticals:

----------GW-1------GW-2------GW-3------GW-5------GW-6
Benzene----------156--------93--------45----------264
Toluene----------40----------493
Ethylbenzene----------645----------515
Xylene----------7,204----------587----------1,470
1,2,4-Trimethylbenzene----------592
1,3,5-Trimethylbenzene----------151
Naphthalene----------754
MTBE----------2,070-------822-------225-----1,600-------448

3) 10/30/1998: DEC Mark sent STIP letter to owner

4) 12/14/1998: STIP was singed by regional engineer. according to CAP, remedial action plan was approved but requires to start remediation system.

5) 01/02/1999: report submitted by EnSolutions including results of samples collected from SVE system.

6) 05/28/1999: Progress report:
- depth to water ranged from 8.16 to 10.30 ft bg in wells MW-1 through MW-6
- direction of groundwater flow is predicted to be toward the west
- groundwater samples collected from wells on 04/16/1999
- found groundwater contaminated

groundwater analyticals:
----------MW-1-------MW-2-------MW-4-------MW-6
Benzene----------45----------77
Ethylbenzene----------58----------250
Xylene----------30----------370
1,2,4-Trimethylbenzene----------120
1,3,5-Trimethylbenzene----------45
Naphthalene----------160----------110
MTBE----------590--------520--------280------6,200

7) 11/15/1999: Progress Report:
- sampled five wells (MW-1, MW-2, MW-4, MW-5 and MW-6)
- could not sample MW-3 due to parked vehicle
- groundwater ranged from 8.1 to 10.2 ft bg

groundwater analyticals:
----------MW-1-------MW-2-------MW-4-------MW-6
Naphthalene----------120----------110

MTBE----------200------2,500--------450--------430

8) 04/28/2000: Progress report:
- depth to water ranged from 8.74 to 10.67 ft bg
- groundwater samples collected from wells on 03/23/2000

groundwater analyticals:
----------MW-1-------MW-2-------MW-4-------MW-6
MTBE----------700--------690---------73--------190

9) 10/06/2000: Progress report:
- depth to water ranged from 9.22 to 10.43 ft bg
- groundwater samples collected from wells on 09/14/2000

groundwater analyticals:
----------MW-1-------MW-2-------MW-4-------MW-6
MTBE----------220--------650---------50--------710

10) 03/30/2001: Progress report:
- groundwater samples collected from wells on 02/28/2001

groundwater analyticals:
----------MW-1-------MW-2-------MW-4
MTBE----------270--------150---------52

11) 09/30/2001: Progress report:
- installed one additional 4 inch well (MW-7) in the sidewalk of 22nd street
- depth to water ranged from 8.91 to 10.32 ft bg in wells MW-1 through MW-7 (well MW-5 was not accessible)
- groundwater samples collected from six wells (MW-1 to MW-4, MW-6 and MW-7) on 08/16/2001

groundwater analyticals:
----------MW-1-------MW-3-------MW-4-------MW-6-------MW-7
MTBE----------130--------240---------10--------470---------71

12) 03/29/2002: Progress report:
- depth to water ranged from 9.78 to 11.00 ft bg
- groundwater samples collected from six wells (MW-1 to MW-4, MW-6 and MW-7) on 12/17/2001
- well MW-5 was not accessible during sampling event on 12/17/2001
- groundwater samples collected from six wells (MW-1, MW-2, MW-4 to MW-6 and MW-7) on 2/25/2002
- well MW-3 was not accessible during sampling event on 02/25/2002

groundwater analyticals for Dec. 2001:
----------MW-1-------MW-3-------MW-6-------MW-7
MTBE----------53--------250--------100---------57

groundwater analyticals for Feb. 2002:

	MW-1	MW-2	MW-6	MW-7
MTBE	59	330	74	36

13) 09/29/2002: Progress report:
- depth to water ranged from 9.03 to 10.66 ft bg
- groundwater samples collected from six wells (MW-1 to MW-4, MW-6 and MW-7) on 05/13/2002
- groundwater samples collected from six wells (MW-1, MW-2, MW-4 to MW-6 and MW-7) on 08/22/2002
- well MW-5 was not accessible during both sampling events
- very minor contamination found in groundwater samples from May 2002 sampling event

groundwater analyticals for Aug. 2002:

	MW-1	MW-2	MW-3	MW-6
MTBE	86	350	160	160

14) 03/31/2003: Progress report:
- new spill number 0211175 was reported as gasoline UST system failed a tightness test due to a stage II vapor recovery system
- groundwater samples collected from seven wells on 11/25/2002
- groundwater samples collected from six wells (no sample from MW-5) on 02/05/2003
- 3.78 ft of product found in well MW-6 during sampling event in Feb. 2003
- fingerprint analysis of product from well MW-6 confirmed that this product most closely resembles a diesel/#2 oil (not gasoline)
- tank systems were retested on 03/07/2003 and it passed
- based on groundwater flow direction, well MW-6 is upgradient well
- contractor performed upgradient site survey and found three potential spillers: 1) 23-01 41st Ave, 2) 22-19 41st Ave and 3) 41-09 23rd street
- 23-01 41st Ave: retail petroleum sales outlet
- 22-19 41st Ave: fill and vent pipe attached to the east side of building; fill pipe has a raised #2 on the surface
- 41-09 23rd Street: fill and vent pipe located in the sidewalk in front of building; fill and vent pipe are consistent with those used for #2 oil

groundwater analyticals for Nov. 2002:

	MW-1	MW-3	MW-6
Benzene			120
Toluene	153		580
Ethylbenzene			330
Xylene			1,300
MTBE	24		170

groundwater analyticals for Feb. 2003:

	MW-1	MW-2	MW-3	MW-6
Benzene				100
Toluene				670
Ethylbenzene				320

Xylene---1,600
MTBE------------------------330--------160---------85--------430

15) 03/31/2003: Investigation report for spill #: 0211175:
- tank test was initially failed as technician did not sealed vapor recovery line properly
- tanks were tested again and found tight
- no free product and historically low levels of dissolved phase contamination in all other monitoring wells, especially in MW-4 that is located in the vicinity of tank farm

16) 08/26/2003: case 9705856 was closed and no further action letter was issued. but due to product in upgradient well on site, DEC Tibbe opened another case 0330001 at the site. and further investigation required.

-

potential upgradient sources:
+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+
1) 23-01 41st Avenue:

alternate address: 40-41 23rd street

site has two PBS #s: 2-480274 and 2-607970.

PBS # 2-607970 is for one 550 gal waste oil AST. PBS expired on 08/09/2007.
PBS # 2-480274 is for one 4,000 gal gasoline UST, one 2,000 gal gasoline UST and one 4,000 gal diesel UST.

spills reported at the site: 9611967, 0308076 and 0808735

spill #: 9611967 was reported on 01/03/1997 by FDNY as about 25 gal gasoline spilled during delivery. oil got into sewer system. case closed on 01/10/1997.

spill #: 0308076 was reported on 10/30/2003 as diesel tank failed a tightness test. tank system was retested on 12/09/03 and was passed. cause of initial failure was improper plug on air eliminator line. case closed on 01/07/2004.

spill #: 0808735 was reported on 11/03/2008 as 2,000 gal gasoline tank failed a test. a test failed due to leaking vent pipe. new vent pipe installed and tank system passed the test. case closed on 08/28/2009.

owner:
Cyprian Realty Corp.
23-01 41st Avenue
Long Island City, NY 11101

2) 22-19 41st Ave:

alternate addresses: 22-11 to 22-19 41st Ave, 40-34 23rd street

no spill or PBS record.

3) 41-09 23rd Street:

no alternate address/spill/PBS found.

4) 41-01 23rd Street:

alternate address: 23-02 to 23-18 41st Ave

PBS #: 2-607885. as per PBS record, site had four 550 gal gasoline USTs and two 2,500 gal gasoline USTs. all tanks closed-removed in Jun 2006.

spill #: 0412186. spill was reported on 02/15/2005 as found contaminated soil and groundwater. currently this site is under remediation.

+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+/*-+

02/08/10-Hiralkumar Patel.
11:23 AM:- spoke with Mr. Love at LCS. informed Mr. Love that based on available information from old case 9705856, the department requires additional investigation to confirm contamination coming from off-site.

11:29 AM:- left message for Mr. Theodorakakis at Petrocelli.

Tony Theodorakakis
Petrocelli Electric Co. Inc.
Ph. (718) 752-2496
email: a.theo@petrocelli.com

02/09/10-Hiralkumar Patel. received message from Mr. Theodorakakis (at 5:15 PM on 02/08/10).
12:57 PM:- left message for Mr. Theodorakakis.
2:43 PM:- received call from Mr. Theodorakakis. informed him about open spill case. Mr. Theodorakakis asked to send letter at the site address to his name.

02/11/10-Hiralkumar Patel.
2:09 PM:- sent letter to Mr. Theodorakakis requiring to delineate groundwater contamination with minimum of one upgradient well for background information. letter emailed to Mr. Theodorakakis.

03/11/10-Hiralkumar Patel.
9:14 AM:- received call from Mr. Salmon from Petrocelli. Mr. Salmon will handle this case.

Carlos Salmon
Petrocelli Electric Co. Inc.

Ph. (718) 752-2346
email: c.salmon@petrocelli.com

03/25/10-Hiralkumar Patel.
9:09 AM:- received message from Mr. Salmon.
12:46 PM:- spoke with Mr. Salmon. he mentioned that they are waiting for proposal from contractors and requested deadline extension. based on available data, approved his request and asked to submit report by end of 05/31/10.
12:51 PM:- sent email to Mr. Salmon approving deadline extension.

03/30/10-Hiralkumar Patel.
7:42 AM:- received email from Mr. Salmon. they hired Brinkerhoff Environmental Services, Inc. for required investigation work.

Ron Rosenberg
Brinkerhoff Environmental Services, Inc.
Ph. (732) 223-2225
Fax (732) 223-3666
email: rrosenberg@brinkenv.com

04/26/10-Hiralkumar Patel.
10:35 AM:- received email from Mr. Rosenberg requesting 30 day extension (to 06/30/10) for report submission. Mr. Rosenberg submitted schedule as follow:

5/14 - Well Installation
5/28 - Sample and survey monitoring wells
6/10 - Review sample results
6/17 - Receive hard copy of lab results
6/30 - Prepare and submit Report to NYDEC

3:49 PM:- sent email to Mr. Rosenberg approving his request and asked to submit report by 06/30/10.

06/29/10-Hiralkumar Patel.
3:34 PM:- left message for Mr. Rosenberg reminding that report is due tomorrow.
4:02 PM:- received call from Mr. Rosenberg. he is still waiting for well survey. will submit report by end of 07/23/10.

09/10/10-Hiralkumar Patel.
4:21 PM:- left message for Mr. Rosenberg to submit report.
4:23 PM:- spoke with Mr. Salmon. he mentioned that work has been completed. he will talk to his consultant and will call back on 09/13/10.
4:25 PM:- sent email to Mr. Salmon requiring to submit report by end of 09/17/10. email copied to Mr. Rosenberg.
4:39 PM:- received email from Mr. Rosenberg. he mentioned that currently report is being reviewed by senior project manager and will be submitted by end of 09/17/10.

09/15/10-Hiralkumar Patel.
9:22 AM:- received report from Mr. Rosenberg. abstract:

- gauged all existing wells and no product found
- installed two 2 inch wells (MW-8 and MW-9) along upgradient property line
- wells were installed to depth of 14.75 ft with 10 of screen from 4.75 to 14.75 ft
- no PID readings noted in soil samples
- one soil sample was collected approx. 6 inches above water interface, during installation of new wells
- groundwater samples were collected from wells MW-8 and MW-9 only
- groundwater samples were analyzed using methods 624 (for VOCs)/625 (for SVOCs)
- groundwater at the site flows to the west
- no petroleum contamination found in soil or groundwater samples
- PCE found in water samples: 13.7 ppb in MW-8 and 5.18 ppb in MW-9 <---------

2:22 PM:- spoke with Mr. Rosenberg. he mentioned that all wells were gauged but only MW-2, MW-4, MW-6, MW-8 and MW-9 were surveyed due to parked vehicles on other wells. he also mentioned that as they were investigating for possible upgradient source, they did not sampled other wells. as per Mr. Rosenberg, dispensers for existing gas/diesel tanks are in same tank farm area. as there were no samples collected from other wells, informed Mr. Rosenberg that the department requires collection of groundwater samples from all existing wells and scaled site map with all former/current tanks, piping, dispensers, remote fill ports, boring/wells and groundwater flow direction.

2:32 PM:- left message for Mr. Salmon.
3:06 PM:- sent email to Mr. Salmon requiring to sample all existing wells on property and analysis via full list of 8260/8270. also asked to submit scaled site map with location of all former/current tanks, piping, dispensers, remote fill ports, borings/wells and site specific groundwater flow direction. asked Mr. Salmon to submit required documents by end of 10/29/10.

10/18/10-Hiralkumar Patel.
8:10 AM:- received email from Mr. Salmon requesting time extension until 11/29/10 to submit results of groundwater samples and scaled site map.
11:32 AM:- sent email to Mr. Salmon approving his request and asked to submit required documents by the end of 11/29/10.
3:46 PM:- received email from Mr. Rosenberg inquiring what analysis method be used for SVOC: 8270 B/N+15 or 8270 BNA.

10/21/10-Hiralkumar Patel.
12:59 PM:- left message for (and sent email to) Mr. Rosenberg. informed him that the department requires full list VOCs and STARS list SVOC (not full list SVOC) analysis. asked him to use analysis method which covers STARS list of SVOC compounds. also informed him that the department requires survey of all wells to confirm no irregularities in groudwater depth/flow direction on-site. email copied to Mr. Salmon.

12/09/10-Hiralkumar Patel. received report from Doug Harm from Brinkerhoff. Doug sampled and surveyed wells MW-1 to MW-9, except well MW-5 which was not found. based on survey, groundwater under the site flows towards the south to southwest. no free product found in any well. Doug mentioned that based on flow direction, free phase product found in MW-6 in 2003 was not from an off-site source, but rather from the existing UST system. found minor VOCs in groundwater. found PCE in wells MW-8 (12.4 ppb) and MW-9 (5.24 ppb).

Doug Harm
Brinkerhoff Environmental Services, Inc.
Ph. (732) 223-2225

Fax (732) 223-3666

discussed with DEC Austin. as no product found in any well and due to low VOCs in groundwater, Austin asked to close the case. he also asked to discuss with DEC Vought due to PCE in groundwater.

12/30/10-Hiralkumar Patel. after discussing with DEC Vought, case transferred to Vought due to PCE in groundwater.

1/3/11-Vought-Reviewed analytical results with RHWRE and no further concerns of mininal PCE contamination. Vought transferred spill back to DEC Patel for closure and possible issuance of SCL.

01/03/11-Hiralkumar Patel.
11:55 AM:- sent spill closure letter to Mr. Salmon. letter emailed to Mr. Salmon and Mr. Rosenberg.

Map Identification Number 177 **MANHOLE # 12778** **Spill Number: 0407395** **Close Date: 12/24/2004**
41-05 21 STREET QUEENS, NY TT-Id: 520A-0129-475

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2070 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 4105 21ST ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name: RON ELLIOTT
DEC Investigator: JHOCONNE

Spiller: ERT DESK - MANHOLE # 12778
Notifier Name: RON ELLIOTT
Caller Agency: CON ED
Contact for more spill info: ERT DESK

Spiller Phone: (212) 580-8383
Notifier Phone: (212) 580-6763
Caller Phone: (212) 580-6763
Contact Person Phone: (212) 580-8383

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/04/2004		UNKNOWN	NO	NO

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

Caller Remarks:

400 GALLONS OF WATER IN MANHOLE: CONED # 155669

DEC Investigator Remarks:

e2mis no. 155669:

10/4/04 1015HRS SPENCER #16599 REPORTS FOUND APPROX 10 GALLONS OF UNKNOWN OIL ON 400 GALLONS OF WATER IN MH-12778. THERE ARE 2-138KV FEEDERS (31231) 31232) IN STRUCTURE. MR SPENCER WILL REMAIN ON LOCATION AND WAIT FOR TRANSMISSION OPS TO RESPOND. NO SAMPLE TAKEN.

Update 1515 hrs - Oct 4-04
Informed by Bill Capune, ERT, who was at the site, that the amount of oil in the manhole was estimated by Transmission Operations employees to be about 75 gal.

Trans Ops employee Dipasquale, 86515, directed the clean up. All State Power Vac power washed the manhole. Approx. 2700 gal of waste was generated from the cleanup and shipped out on manifest #APV17934. The cleanup was completed at 15:00 hrs. on 10/05/04.
Trans Ops employee Spencer, 16599, inspected the manhole following the cleanup. No source of leak identified, no repairs made.

Map Identification Number 178 **41 AVE & 21 STREET** **Spill Number: 9502373** **Close Date: 02/28/2003**
41 AVE & 21ST STREET LONG ISLAND CITY, NY TT-Id: 520A-0129-476

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2075 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 41ST AVE / 21ST ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	ROBERT KOPACH	Caller Agency:	NYCDEP	Caller Phone:	(718) 595-6777
DEC Investigator:	TOMASELLO	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/25/1995		UNKNOWN	NO	NO

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

Caller Remarks:

OIL ENTERING FROM UNKNOWN SOURCE

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

10/10/95: This is additional information about material spilled from the translation of the old spill file: 400 FT 1" DEEP.

Map Identification Number 179 **MANHOLE # 12778** **Spill Number: 0503575** **Close Date: 01/10/2008**
21ST STREET AND 41 AVE QUEENS, NY TT-Id: 520A-0129-457

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2075 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 41ST AVE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	ERT DESK MIKE DAUGHTERY - MANHOLE # 12778	Spiller Phone:	(212) 580-8383
Notifier Type:	Responsible Party	Notifier Name:	MARK SCHLEGEL	Notifier Phone:	(212) 580-8383
Caller Name:	MARK SCHLEGEL	Caller Agency:	CONED	Caller Phone:	(212) 580-8383
DEC Investigator:	GDBREEN	Contact for more spill info:	ERT DESK MIKE DAUGHTERY	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/24/2005		UNKNOWN	NO	NO

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

Caller Remarks:

1 PINT ON 700 GALLONS OF WATER: NO TO 5 QUESTIONS: CONED # 159411 CLEAN UP PENDING TESTING

DEC Investigator Remarks:

01/10/08 - See eDocs for Con Ed report detailing cleanup and closure.

159411. Entry by Leon Paretsky, Transmission Operations
Ricky DiGiovanni, Supervisor, Transmission Operations, Employee No. 18020, reported at 1335 hrs, Friday, June 24, 2005 that at 1330 hrs Transmission Operations Splicer, Joe Villani, Employee No. 87228, found about 1 pint of an unknown oil and about 700 gal

of water in MH12778. This manhole is located on the west side of 21st Street, about 131 feet south of 41st Avenue, and contains 138kv transmission feeders 31231/31232. Joe Villani and Transmission Operations GUW Mario LaPuma, Employee No 86394 and Transmission Operations Mechanic B, Joe Neal, Employee No. 87765 were on location to conduct a manhole inspection. They did not observe any evidence of a leak from the feeder. A sample will be taken for PCBs and oil ID. There was no smoke or fire associated with this incident. No sewers or waterways were affected, nor were the public or any private property impacted. Tag no. 5524 was hung in the manhole. Transmission Operations Senior Specialist Vincent Traviglia, Employee No. 19924 will make the arrangements for the cleaning of the manhole. Entered by LParetsky, Transmission Operations, No. 44096, Friday, June 24-1405 hrs.

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Reported to Mark Schlagel, CIG, employee no 18276 at 1414 hrs

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Map Identification Number 180 **MANHOLE 12778** **Spill Number: 0502395** **Close Date: 08/12/2005**

21ST ST/ 41ST AVE QUEENS, NY TT-Id: 520A-0123-549

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2075 feet to the W

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

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	WAINWRIGHT,MR	Notifier Phone:	(212) 580-6763
Caller Name:	TOM MARCINEK	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	SKARAKHA	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/29/2005		UNKNOWN	NO	NO

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

Caller Remarks:

APPROX 2 GAL OF UNKN OIL MIXED W/ 1000 GALS OF WATER. NO TO 5 QUESTIONS. CLEAN-UP IS PENDING SAMPLE RESULTS. CON ED REF 158848

DEC Investigator Remarks:

e2mis no 158848

F. SEVERIN FOUND APPROX. 2 GAL. UNKNOWN OIL ON APPROX. 1000 GAL. WATER IN MH-12778. THIS IS ASSOCIATED WITH 138KV TRANSMISSION FEEDERS 31231/31232. SPILL APPEARS TO BE CONTAINED. NO
SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. ENV STOP TAG 2635 PLACED. DIGIOVANNI CONTACTING CHEM LAB TO REQUEST A CHEMIST TO TAKE SAMPLE. CLEANUP PENDING PCB RESULTS.

5/29/2005 14:54 HRS. MATRIX: OIL GRAB. Aroclor 1260 < 1.0 ppm EPA 608/8082

Lab Sequence Number: 05-05081-001.
Analysis indicates the presence of a cable oil.

Amount & Material spilled/discovered: -1000 GAL. OF WATER AND APPROX. 2 GAL. OF OIL
PCB sample LSN number -05-05077-001
PCB Concentration (PPM) -<1.O PPM
Oil ID sample LSN number -05-05077-001

Oil removed/recovered -YES
Sludge removed-YES
Absorbents/spill pad used to clean -YES
Other cleanup activities (specify) -CHEKING FOR LEAKS
Employees involved in cleanup-CRONIN AND ILARDO
Person Directing the cleanup-NARDIS
Employee verifying cleanup-CRONIN AND NARDIS
Date and Time Cleanup was complete-6/2/05 0700
FORM COMPLETED BY:
Name & employee #: -ANTONIO NARDIS

Closed. 8-12-05. George Breen

Map Identification Number 181 **SILVER STAR MOTORS** **Spill Number: 9708090** **Close Date: 03/23/1998**
37-14 36TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0127-492

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2087 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 3714 36TH STREET
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: SAME - SILVER STAR MOTORS | Spiller Phone:
Notifier Type: DEC | Notifier Name: ANDREW | Notifier Phone: (718) 482-6454
Caller Name: ANDREW | Caller Agency: DEC | Caller Phone: (718) 482-6454
DEC Investigator: LUCE | Contact for more spill info: MIKE CRUZ | Contact Person Phone: (718) 392-1551

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/08/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

WASTE OIL PRESENT IN SUMP IN BASEMENT OF BUILDING. SORBANT PADS LEFT WITH PRP.

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

Map Identification Number 182 **MANHOLE #7621** **Spill Number: 0204419** **Close Date: 04/24/2003**
QUEENS PLAZA & 24TH ST QUEENS, NY TT-Id: 520A-0136-904

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2130 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: QUEENS PLZ / 24TH ST
Revised zip code: UNKNOWN

Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone:
Notifier Type: Affected Persons | Notifier Name: MR TAJAIR | Notifier Phone:
Caller Name: SEAN MCKEEVER | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763
DEC Investigator: AERODRIG | Contact for more spill info: SEAN MCKEEVER | Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/28/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ref #144187 call back at 14:59 - 45 gal dielectiric fluid is missing - discovered after pressure testing the vault

-10 gal mixed with soil in vault, 25 gal in cement sump pit in floor & 10 gal of oi released to sewer system by sump pump-

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES 144187

7/28/02 - 0930

T. SCOURTSIS - 10471 - FOD, WHILE CHECKING FDR 1Q05, REPORTS FINDING APPROX 4 GALS OF AN UNKNOWN OIL MIXED WITH SOIL ON THE

CONCRETE FLOOR OF V7621. SPILL APPEARS TO BE CONTAINED. NO PRIVATE PROPERTY AFFECTED. NO INJURIES RELATED TO SPILL. MR.

SCOURTSIS CANNOT VERIFY IF ANY SEWERS OR WATERWAYS WERE AFFECTED. HE CANNOT VERIFY IF THERE ARE ANY SEWER CONNECTIONS

OR EARTHEN SUMPS. HE CANNOT VERIFY IF THERE ARE ANY SUBSTANTIAL CRACKS IN THE STRUCTURE. HE DID, HOWEVER, VERIFY THAT

THERE WAS A SUMP IN THE VAULT WITH A PUMP IN IT. THE SUMP PUMP WAS NOT RUNNING WHEN THEY ARRIVED ON LOCATION. THEY

UNPLUGGED IT. HISTORICAL PCB COUNT OF UNIT IS 7 PPM DTD 9/13/99. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # BB08910 FILLED OUT

AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. UNIT TO BE CUT OFF SYSTEM VIA LEC IN LINE HOLE. EQ GP WILL GO TO LOC TO PRESSURE TEST

TRANSFORMER & TAKE OIL SAMPLE. THEY WILL ALSO TAKE THE SUMP PUMP PIPING APART TO SEE IF THERE IS ANY OIL IN IT. CLEANUP

PENDING LAB RESULT. TJ - 50495

OIL SAMPLE ARRIVED AT CHEM LAB AT 1025 HRS. TJ - 50945

UPDATE: 7/28/02 - 1040

G. JACOBI - O.S. - ENV. OPS., REPORTS SCAFFOLDING OVER THE TRANSFORMER. THE TRANSFORMER WILL NOT BE ABLE TO BE REPLACED FOR A FEW MONTHS. THE CLEANUP, THEREFORE WILL NO BE COMPLETED FOR A FEW MONTHS. THIS INCIDENT IS TAKEN OFF THE 24 HOUR CLOCK.

TJ - 50945

CIG MCKEEVER NOITIFIED AT 1045. TJ - 50495

CLEANUP TO BEGIN AS 50 - 499. EPA # ISSUED 7/28/02 - 1140. NYP 004 100 806. TJ - 50495

UPDATE 28-JUL-2002 14:30 HRS.

ENVIR. OPER. SUPV. G.JACOBI REPORTS:

SAMPLE TAKEN FROM UNIT CHAIN OF CUSTODY# CC-04387 AND BROUGHT TO ASTORIA CHEM LAB.

C.HOGAN 07511

UPDATE: 7/28/02 - 1430

S. FULLER - EQ GP, REPORTS TRANSFORMER FAILED PRESSURE TEST. OIL LEVEL IS 9" BELOW MIN. THIS CALCULATES TO A 45 GAL LOSS OF

DIELECTRIC FLUID FROM THE TRANSFORMER. 10 GALS OF OIL WAS FOUND MIXED WITH SOIL ON THE VAULT FLOOR. 25 GALS OF OIL WAS

FOUND IN THE CEMENT SUMP PIT AND 10 GALS OF OIL WAS RELEASED INTO THE SEWER SYSTEM VIA TH SUMP PUMP. TJ - 50495

UPDATE 28-JUL-2002 14:45 HRS.

ENVIR. OPER. SUPV. G.JACOBI REPORTS: ****** SAMPLE ARRIVES AT CHEM. LAB.

LAB RESULT RECEIVED 7/28/02 - 1527. 02-06981. 10 PPM.

UPDATE: 7/28/02 - 1730

E. CORTES - ENV MGR, REPORTS THAT AT 1630 HRS, DEP ELIE ST. JAMES & ANDREW KELLY FROM INDUSTRIAL WASTE ARRIVED ON LOC. AT

1715 HRS MR. KELLY ISSUED A COMMISSIONER'S ORDER TO REMOVE ALL OIL FROM THE VAULT. THE COMMISSIONER'S ORDER WAS GIVEN TO

MIKE KESSLER OF THE ERT. AT 1720 HRS, MESSR'S ST. JAMES, KELLY & KESSLER LEFT THE LOCATION. CLEANUP IS IN PROGRESS.

TRANSFORMER TO BE DRAINED.

LAB RESULT RECEIVED 7/28/02 - 1808. 02-06983. 6 PPM. TJ - 50495

From: Cortes, Edgar

Sent: Sunday, July 28, 2002 7:58 PM

14:02 - Enviro. desk Called C. Hogan concerning a spill at the above location, 4gal. spill upgraded to a 10 gal., historical 9/25/99 7 PPM, Equip. crew on location.

14:44 - Called ERT M. Kessler and requested that he reach out to the DEP and request if the sewer connection led to a water treatment plant or to the waterway's, his reply was that the practice is to call for that information once the release into the sewers was confirmed.

16:15 - Arrived at location to find ERT M. Kessler, Equip. Grp. S. Fuller, and Environ. Ops. crew, at this time it was reported to me that the unit had leaked into the sewers, it failed pressure test, and oil was found in the pump and piping, the pump was not running, and the pipe line was broken apart, and the unit was 9" below mim. = 45 gal. spill = 10 gal. on vault floor = 25 gal. into pit = 10 gal. release into sewers

two samples taken one from the floor that came back as 10 PPM, and one from the unit phone confirmation of 6 ppm

16:30 - Tanker, DEP - E. St. Jean, and DEP - Andrew Kelly of the Industrial Waste section arrived

17:15 - DEP - Kelly issued a commissioner order to have all oil remove from the vault, the Environ. Ops. crew were in progress of cleaning the floor for the draining of the unit, a partial clean will be completed to night. DEP - E. St. Jean left the location

NOTE: the removal of the unit will depend on the removal of the scaffolding above the vault, I will furnish the Equip. Grp. manager Glen Malysz the following information to follow up with - Al Pizzuto maintenance director (718) 937-8000 ext. 4803 & Tony Viscardi (718) 937-8000 ext. 5046

DEP- A. Kelly also left location

17:20 - ERT - M. Kessler left location

17:30 - I called the desk updated them and left location ---- End of Update

Update - 7/28/02 2015hrs

S. Fuller, Networks, reports completed draining the transformer. Removed 260 gallons of oil from unit - Mfr tag reads unit holds 310 gallons of oil - Loss upgraded to 50 gallons of oil. Possible asbestos abatement required. Will advised his office and Supv to determine amount of asbestos to be removed after inspection. Advised CIG of amount of spill - P. McGuire @ 2017hrs.

UPDATE: 7/28/02 - 2100

G. JACOBI - O.S. - ENV. OPS., REPORTS ENV OPS CREW - AHLUWALIA & WELLS REMOVED 2 DRUMS OF OILY DEBRIS FROM STRUCTURE & DOUBLE

WASHED STRUCTURE WITH BIO GEN 760. ASTORIA UNDER 50 TANKER REMOVED ALL LIQUIDS FROM STRUCTURE. COMPLETION OF INCIDENT

PENDING SCAFFOLDING REMOVAL, POSSIBLE ASBESTOS ABATEMENT & REMOVAL OF TRANSFORMER. STOP TAG REMAINS.

UPDATE**********11-07-02 EQUIPMENT O.S J. WILLET REPORTS, ASBESTOS ABATMENT WAS COMPLETED ON 11-04-02. S.PACE

Update - 2/11/03 - Equipment group reports that scaffolding was removed on 2/6/03.

Update -2/28/03 1230hrs

R. Lacasse env. ops reports double washed structure with 760 biogen. Networks on location and removed old unit and installed new.
Sump found cemented.

Removed env. stop # 30497.

Clean up completed

Map Identification Number 183 **34TH ST AND** **Spill Number: 0111596** **Close Date: 04/18/2002**
34TH ST & 36TH AV QUEENS, NY TT-Id: 520A-0123-255

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2136 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 34TH ST / 36TH AV
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:	MR PACE	Notifier Phone:	(212) 580-6763
Caller Name:	BILL MURPHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/08/2002		UNKNOWN	NO	NO

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

Caller Remarks:

caller states that 1 gallon spilled onto 50 gallons of water - man hole # 3264 - con ed 141727

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
Con Ed e2mis no. 141-727 notes:

3-8-02 12:30HRS A. PRETTITORE (CABLE) REPORTS, FOUND ONE GALLON OF UNKNOWN OIL ON 50 GALLONS OF WATER IN MH3264. AT THIS TIME

OIL APPEARS TO BE CONTAINED AND NO SEWERS OR WATERWAYS WERE AFFECTED. NO SEWER CONNECTIONS NOTICED AND A EARTHERN SUMP IS PRESENT. ONE LIQUID SAMPLE WAS TAKEN ON A E PRIORTY . CLEANUP

PENDING LAB SAMPLE.

UPDATE 3-8-02 12:45HRS THIS WILL NOT BE A 24HR DEMINIMIS JOB, BECAUSE OF EARTHERN SUMP FOUND.

3-8-02 13:41HRS CIG WAS NOTIFIED.

3/08/02=2005HRS LAB RESULTS RETURNED 3PPM LSN#01936

3-9-02 11:45HRS U/G REPORTS D-FAULTS REPAIRED.... FORBES (ENV OPS) REPORTS, TRIPLED WASHED STRUCTURE W/ 760 & 715 SLICKS, SEALED SUMP ND REMOVED TAG. 100% COMPLETED.

3/9/02 - No leaking company equipment.

Map Identification Number 184 **Spill Number: 0306391** **Close Date: 09/30/2003**

40-14 21ST ST LONG ISLAND CITY, NY TT-Id: 520A-0130-609

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2137 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 4014 21ST ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING
Notifier Type: Other
Caller Name: SEAN DONOHUE
DEC Investigator: TJDEMEO

Spiller:
Notifier Name: MR VASILAS
Caller Agency: DEP
Contact for more spill info: MR VASILAS

Spiller Phone:
Notifier Phone: (718) 631-7078
Caller Phone: (212) 689-1520
Contact Person Phone: (718) 631-7078

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/16/2003		OTHER	NO	NO

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

Caller Remarks:

house demolished and subj smells oil

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
Demeo responded to site on 9/17/03 - ECO's wrote violations

9/30/03 TJD

Contractor discharged oil from (2)275 AST's while demolishing single family home. Contractor punctured and moved tanks, with grapler, before they were emptied and cleaned. This caused an estimated 50 gallons of #2 fuel oil to be discharged from tank and piping. Discharge impacted the construction debris on property and some product was pooled on former basement slab.

Responsible Party, RMI Construction, was directed to segregate contaminated materials for proper disposal under manifest. ECO's were notified and responded to site. Three summons were isssued.

RP complied with DEC directives and properly disposed of contaminated materials. Waste manifest submitted. No further action required.

Map Identification Number 185 **MANHOLE 4042** **Spill Number: 0813177** **Close Date: 03/30/2009**
CRESCENT ST/QUEENS PLAZA SOUTH QUEENS, NY TT-Id: 520A-0227-944

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2144 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: CRESCENT ST / QUEENS PLZ S
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	asnagi	Contact for more spill info:	ERT	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/08/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	UNKNOWN	0	UNKNOWN	

Caller Remarks:

2 pints of unk oil discoverd in manhole. analysis of oil pending. No to the 5 questions.

DEC Investigator Remarks:

03/30/09 - See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 186 **GASETERIA** **Spill Number: 9814153** **Close Date: 10/29/2003**
29-00 NORTHERN BLVD LONG ISLAND CITY, NY TT-Id: 520A-0133-277

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2160 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 2900 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	GASETERIA	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	STEVEN TORTORICI	Notifier Phone:	(718) 726-8484
Caller Name:	STEVEN TORTORICI	Caller Agency:	PHOENIX HOUSE FOUNDATION	Caller Phone:	(718) 726-8484
DEC Investigator:	JMROMMEL	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/24/1999		UNKNOWN	NO	NO

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

Caller Remarks:

caller states there is a strong odor of petroluem in comp building. does not know exactly what is causing it but believes it is coming from the gas station across the street. gas station is on the corner of queens plaza east and queens blvd.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
closed. Being investigated and remediated under spill 9912794.

Map Identification Number 187 **30-05 QUEENS BLVD.** **Spill Number: 0409014** **Close Date: 05/05/2006**
30-05 QUEENS BLVD LONG ISLAND CITY, NY TT-Id: 520A-0135-519

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2160 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 30-05 QUEENS BLVD.
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	MICAHEL DANY	Spiller Phone: (631) 447-6400
Notifier Type:	Other	Notifier Name:	MICHAEL BOSCAINO	Notifier Phone: (631) 447-6400
Caller Name:	MICHAEL BOSCAINO	Caller Agency:	ENVIRONMENTAL ASSESSMENT	Caller Phone: (631) 447-6400
DEC Investigator:	JBVOUGHT	Contact for more spill info:	MICAHEL DANY	Contact Person Phone: (631) 447-6400

Category:	Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class:	Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/15/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	50.00	GALLONS	50.00	GALLONS	

Caller Remarks:

Crompco tested super grade test also on 11/15 and system failed test. Test was rescheduled for 11/17 with different crew. On 11/17/04 tank was isolated and passed test however vent line failed test due to break. A heleium tracer gas test was performed to determine location of leak and leak was found and excavation currently being performed to expose break. Gaseteria and EAR onsite during excavation. Soil samples will be collected from excavation and run for 8260 analysis.

DEC Investigator Remarks:

05/05/06-Vought-This spill closed and referred to open spill #9912794 and PIN project at same site. Spill closed by Vought.

Map Identification Number 188 **36TH ST&NORTHERN BLV/QUNS** **Spill Number: 8809721** **Close Date: 03/12/1989**
36TH ST STA &NORTHERN BLV NEW YORK CITY, NY TT-Id: 520A-0128-231

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2161 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 36TH ST / NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Local Agency
Caller Name: ANTHONY SIGONA
DEC Investigator: TOMASELLO
Spiller: UNKNOWN
Notifier Name:
Caller Agency: NYSDEC
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (718) 482-4933
Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/17/1989	03/12/1989	UNKNOWN	UNKNOWN	NO

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

Caller Remarks:

OIL SEEPING ON TO PLATFORM AT QUEENS SUBWAY STATION, DISCOVERED BY NYCTA, UNKNOWN ORIGIN.

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

Map Identification Number 189 **36 ST STATION,QUEENS** **Spill Number: 8600212** **Close Date: 04/09/1986**
@36TH ST.STA(G LINE) NEW YORK CITY, NY TT-Id: 520A-0137-496

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (5)
Approximate distance from property: 2161 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: /36TH ST.STA(G LINE)
Revised zip code: UNKNOWN

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RWAUSTIN	Contact for more spill info:		Contact Person Phone:	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/09/1986	04/09/1986	UNKNOWN	UNKNOWN	NO

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

Caller Remarks:

OTH.LOC-NORTHERN BLVD@S.END OF STA-0TH.RESRC-ON PLATFRM.OF STA-NYC F.D.INSPECT&ASK TRANSIT AUTH.CLN.PLATFRM-SUP.BULLOCK SUS.ASJ.CAR DLR/GS S

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"
10/10/95: This is additional information about material spilled from the translation of the old spill file: MIXTURE.

Map Identification Number 190 **COMMERCIAL AREA** **Spill Number: 0402592** **Close Date: 08/17/2004**
3536 NORTHERN BLVD. ACCRO FLUSHING, NY TT-Id: 520A-0129-848

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 2162 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 3536 NORTHERN BLVD
Revised zip code: NO CHANGE

Source of Spill:	PASSENGER VEHICLE	Spiller:	NYC HASMAT NYC FIRE DEPT. - COMMERCIAL AREA	Spiller Phone:	(212) 360-4480
Notifier Type:	Fire Department	Notifier Name:	LUITENANT TEDESCHI	Notifier Phone:	(718) 476-6288
Caller Name:	LUITENANT TEDESCHI	Caller Agency:	FDNY SQUAD 288	Caller Phone:	(718) 476-6288
DEC Investigator:	SMSANGES	Contact for more spill info:	NYC HASMAT NYC FIRE DEPT.	Contact Person Phone:	(212) 360-4480

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/09/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DRIED UP DIESEL FUEL, LEAK FROM A VEHICLE, LEFT THE SCENE

DEC Investigator Remarks:

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

Map Identification Number 191 **VACANT LOT** **Spill Number: 0902823** **Close Date: 09/07/2011**
42-01 28TH ST LONG ISLAND CITY, NY TT-Id: 520A-0229-545

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2222 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 4201 28TH ST
Revised zip code: NO CHANGE

Source of Spill:	GASOLINE STATION	Spiller:	LEE BENEDICT NYC ECONOMIC DEVELOPMENT CORP - SPILL	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	SFRAHMAN	Contact for more spill info:	LEE BENEDICT NYC ECONOMIC DEVELOPMENT CORP	Contact Person Phone:	(212) 312-3623

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/09/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	UNKNOWN	0	UNKNOWN	SOIL

Caller Remarks:

Clean up is pending. Soil will be excavated.

DEC Investigator Remarks:

Former 3 level municipal parking garage at corner of Jackson Ave and Queens Plaza South.
Owner Contact: Lee Benedict - NYC Economic Development Corp. 212-312-3623
Consultant Contact: Mohamed Ahmed - Fleming Lee Shue 212-675-3225

07/02/09 CSL was sent to

NYC Economic Development Corp.
110 William Street, 6th Floor
New York City, NY 10038
Attn: Lee Benedict(sr)

08/04/09 Rec'd letter requesting extension to perform subsurface investigation from Fleming Lee & Shue.(sr)

12/17/09 Remedial Work Plan in file.STIP has been sent out for RP's signature.(sr)

05/10/10 Work Plan dated Jan 06,2010 approved.(sr)

09/07/11 Reviewing Investigation Summary Report prepared by Fleming Lee Shue. Investigation was performed in Nov/December 2010 to delineate the contamination found in proximity to the former filling station, to determine if the contamination had impacted the ground water beneath the site.Seventeen soil borings were advanced to depths ranging from 20 to 26 ft and three ground water

monitoring wells were installed and sampled.Two wells were advanced downgradient and one well was advanced upgradient of the spill.VOCS in soil and ground water are slightly above the CP-51 guidance value.No further action required.Case closed.All reports are in edocs.(sr)

Map Identification Number 192 **ON THE STREET** **Spill Number: 0312740** **Close Date: 02/17/2004**
28-21 JACKSON AVE LONG ISLAND CITY, NY TT-Id: 520A-0133-276

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2222 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 2821 JACKSON AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	TIM BURRELL - ON THE STREET	Spiller Phone:	(888) 562-3737
Notifier Type:	Affected Persons	Notifier Name:	TIM BURRELL	Notifier Phone:	(888) 562-3737
Caller Name:	TIM BURRELL	Caller Agency:	SDS TRANSPORTATION	Caller Phone:	(888) 562-3737
DEC Investigator:	SMSANGES	Contact for more spill info:	TIM BURRELL	Contact Person Phone:	(888) 562-3737

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/17/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER RAN OVER A DOOR AND IT PUNCHED A HOLE IN HIS GAS TANK. THE FIRE DEPT. IS ON SCENE AND THE SPILL IS CONTAINED. THEY HAVE PUTY IN THE HOLE AND NEED THE TANK DRAINED. HE DOES NOT KNOW WHO TO CONTACT TO DO THIS. WAITING FOR A DEC RETURN CALL. THE NUMBER HE IS AT IS 718 361 4100.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
Minor spill to street surface. NYCFD on scene to contain.

Map Identification Number 193 **311 CENTER** **Spill Number: 0211974** **Close Date: 03/05/2003**
28-21 JACKSON AVENUE QUEENS, NY TT-Id: 520A-0133-275

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2222 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 2821 JACKSON AVENUE
Revised zip code: NO CHANGE

Source of Spill:	INSTITUTIONAL, EDUC, GOV, OTHER	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	RASHAN GROOMS	Notifier Phone:	(718) 361-4100 ext. 5
Caller Name:	RASHAN GROOMS	Caller Agency:	QUEENS 311 CENTER	Caller Phone:	(718) 361-4100 ext. 5
DEC Investigator:	MXTIPPLE	Contact for more spill info:	RASHAN GROOMS	Contact Person Phone:	(718) 361-4100 ext. 5

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/28/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0	GALLONS	0	GALLONS	AIR

Caller Remarks:

FUMES FROM SOMETHING IN THE 311 CENTER VENTILATION CAUSING EMPLOYEES TO GET SICK

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
3/5/03 Tipple updating/ called Mr. Grooms and was told that each time the blowers activated, the people in the building began getting sick/sicker. He stated that there was no odor presant when the blowers activated. He stated that FDNY was on scene in the subway below the building. I referred Mr. Grooms to both NYSDOH and DOHMH as wellas asking for assistance from DEC air Sam Lieblich for possible alternative directions assisting Mr. Grooms

3/26/03 Sam Lieblich responded: We inspected this location and also obtained the results of NYCDOH's independent inspection.

Our inspection did not identify any problems.

NYCDOH took 3 air samples (for CO, CO2, and VOC) and the results were 'non-detectable'.

We attempted to contact the complainant on several occassions but were unsuccessful. Apparently the complainant works off-hours.

Map Identification Number 194 **MANHOLE #4414** **Spill Number: 0109397** **Close Date: 02/19/2002**
QUEENS PLAZA & 23RD ST QUEENS, NY TT-Id: 520A-0136-905

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2235 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: BRIDGE PLZ N / 23RD ST
Revised zip code: 11101

Source of Spill:	UNKNOWN	Spiller:	UNK	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	MR HOGAN	Notifier Phone:	(212) 580-6763
Caller Name:	MARK SCHLEGEL	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/23/2001		UNKNOWN	NO	NO

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

Caller Remarks:

1/2 GAL UNK OIL ON 300 GAL WATER IN MANHOLE - SAMPLE WAS TAKEN AND

RESULTS SHOW 2 PPM - CON ED #140684

EARTHAN SUMP IN MAHOLE -

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES:

12/23/2001 14:30 HOURS:

APPROXIMATELY 1/2 GALLON UNKNOWN OIL SPILLED ON 300 GALLONS OF WATER. SPILL IS CONTAINED. NO SEWERS OR WATER APPEAR TO BE AFFECTED. THERE IS NOT NOW OR WAS THERE PRIORI FIRE. 1 LIQUID SAMPLE TAKEN FROM SPILL.

19:00 HOURS: SAMPLE RESULT 2 PPM PCB.

ENV. CREW DISCOVERED A EARTHEN SUMP. SUMP CLEANED THEN CEMENTED.

23- DEC-2001 21:45 HOURS

DUE TO EARTHEN SUMP FOUND INCIDENT WILL NOT BE MEETING 24 HOUR CRITERIA.

Map Identification Number 195 **ASPHALT** **Spill Number: 1102458** **Close Date: 06/03/2011**
1102 38TH AVE LONG ISLAND CITY, NY TT-Id: 520A-0263-245

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 2261 feet to the NW

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

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	RYAN - PV TRANSPORT	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	vszhune	Contact for more spill info:	RYAN	Contact Person Phone:	

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/03/2011		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	40.00	GALLONS	0.00	GALLONS	

Caller Remarks:

Dispatched a contracter to clean up spill

DEC Investigator Remarks:

Spill Closed referred to spill# 1102455.

Map Identification Number 196 **38TH AVE & 11TH ST** **Spill Number: 9706395** **Close Date: 09/08/1997**
38TH AVE & 11TH ST LONG ISLAND CITY, NY TT-Id: 520A-0123-807

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2319 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 38TH AVE / 11TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	FRANK MASSERIA - CON EDISON	Spiller Phone:	(212) 580-6764
Notifier Type:	Federal Government	Notifier Name:	NAT RESPONSE CENTER	Notifier Phone:	(800) 424-8802
Caller Name:	PO GRUBB	Caller Agency:	COAST GUARD	Caller Phone:	(718) 354-4137
DEC Investigator:	CAENGELH	Contact for more spill info:	FRANK MASSERIA	Contact Person Phone:	(212) 580-6764

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/26/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	12.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

LEAKING DIELECTRIC FLUID DUE TO UNKNOWN CAUSE - SOURCE APPEARS TO BE FEEDER LINE LEAKING APPROX 2 GALS PER HOUR - CONTRACTOR HIRED TO CLEAN SEWER

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"
SAME SPILL AS # 9706370

Map Identification Number 197 **MANHOLE 3253** **Spill Number: 0003671** **Close Date: 11/14/2000**
36TH AV/35TH ST QUEENS, NY TT-Id: 520A-0122-995

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2340 feet to the E

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

Source of Spill: UNKNOWN
Spiller: UNKNOWN
Spiller Phone:
Notifier Type: Other
Notifier Name: MR NEVILLE
Notifier Phone: (718) 246-6610
Caller Name: MARK SCHLAGEL
Caller Agency: CON EDISON
Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE
Contact for more spill info: MARK SCHLAGEL
Contact Person Phone: (212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/26/2000		UNKNOWN	NO	NO

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

Caller Remarks:

1/2 gal oil on 400 gals of water contained in manhole - clean up pending. con ed 132-010

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2MIS Notes:

Found 1/2 gal unknown oil on 400gal water in MH3253. Sample has been taken. Returned <1ppm PCB. Cleanup compelted at this time and env stop tag removed. Sump already cemented.

Map Identification Number 198 **MANHOLE 3253** **Spill Number: 0001227** **Close Date: 09/20/2001**
36TH AVE/35TH ST QUEENS, NY TT-Id: 520A-0122-951

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2340 feet to the E

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

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	MRS NEVILLE	Notifier Phone:	(212) 580-6763
Caller Name:	BILL MURPHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	BILL MURPHY	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/01/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	8.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

8 GALS ON 100 GALS OF WATER. DIDN'T EFFECT WATER. CON ED 131132. SAMPLE TAKEN CLEAN UP PENDING TEST RESULTS. NO CALL BACK NEEDED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
Con Ed e2mis #131132 Notes:

5/1/00 Unknown oil on 100gal water in manhole. Sample taken and returned 31ppm PCB.

5/2/00 Gang pulled 3C cable out of duct and found oil leaking from cables, jet rodded and cleaned ducts and re-cleaned structure.
Sealed sump and took samples.

5/9/00 Cleanup completed by double washing with slix. Liquids removed by tanker, solids by vactor.

Map Identification Number 199 **42-21 CRESENT ST/QUEENS** **Spill Number: 9006388** **Close Date: 09/11/1990**
42-21 CRESENT STREET LONG ISLAND CITY, NY TT-Id: 520A-0133-274

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2349 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 4221 CRESCENT ST
Revised zip code: 11101

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: B E K EXPEDITING INC | Spiller Phone:
Notifier Type: Tank Tester | Notifier Name: | Notifier Phone:
Caller Name: BILL KLINE | Caller Agency: FRANKLIN CONTR. | Caller Phone: (718) 762-5700
DEC Investigator: MCTIBBE | Contact for more spill info: | Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/06/1990	09/11/1990	OTHER	UNKNOWN	NO

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

Caller Remarks:

TANK REMOVAL,NO VISIBLE STAIN OR ODOR,TANK REMOVED & DISPOSED OF.

DEC Investigator Remarks:

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

Map Identification Number 200 **36-01 37TH AVE** **Spill Number: 9600925** **Close Date: 05/15/1996**
36-01 37TH AVE QUEENS, NY TT-Id: 520A-0127-178

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2375 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 3601 37TH AVE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER | Spiller: UNKNOWN - UNKNOWN | Spiller Phone:
Notifier Type: Local Agency | Notifier Name: MR CREGAN | Notifier Phone: (718) 830-8667
Caller Name: MRS WILLIAMS | Caller Agency: DEP | Caller Phone: (718) 595-6700
DEC Investigator: O'DOWD | Contact for more spill info: NONE | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/19/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

con ed found the spill in a basement not cleaned up

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

5/15/96 - 9:45am- WENT TO SITE, IT'S LARGE BUILDING - NO ONE THERE - LOOKED AROPUND - COULDN'T FIND ANYTHING - DOORS WERE OPEN , SEMED DANGEROUS FOR ME TO ENTER.

Map Identification Number 201 **SEWER** **Spill Number: 9603819** **Close Date: 12/17/2004**
11TH ST BET 37TH * 38TH A QUEENS, NY TT-Id: 520A-0137-038

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2394 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 11TH ST BETW 37TH AVE / 38TH AVE
Revised zip code: 11106

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN - UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	MR BELL	Notifier Phone:	(718) 204-4489
Caller Name:	STEVEN ROMERO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:		Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/19/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	25.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

cover of sewer opened for con ed survey oil discovered at site

samples taken to determine type of oil and presence of pcbs

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

12/17/04: Con Ed submitted copy of OIL, TOXIC OR HAZARDOUS SUBSTANCE (INCLUDING PCB'S AND ASBESTOS) SPILLS AND FIRES NOTIFICATION FORM dated 6/19/96, which states: "LOCATION
OF SPILL/FIRE: SEWER, C/O 11TH STREET, BTWN 37TH AVE, & 38TH AVE IN QUEENS. TYPE OF SPILL/FIRE AND CAUSE: OIL FROM AN UNKNOWN SOURCE FOUND IN SEWER. ESTIMATED AMOUNT OF SPILL: LESS THAN 25 GALLONS." Spill in area of Appendix B site 1. Close out and track under that site. (JHO)

Map Identification Number 202 **3929 HONEYWELL AVE** **Spill Number: 8604461** **Close Date: 10/12/1986**
3929 HONEYWELL AVE LONG ISLAND CITY, NY TT-Id: 520A-0136-300

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2402 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 11101

Source of Spill:	RAILROAD CAR	Spiller:	NJ TRANSIT	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	UNASSIGNED	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Any Type of RP Including No RP - No DEC Field Response - Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/12/1986	10/12/1986	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PCB OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

SPILL FROM RR CAR X-FORMER. WILL BE CLEANED BY NJ TRANSIT

DEC Investigator Remarks:

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

Map Identification Number 203 **33-04 35TH AVE** **Spill Number: 9203559** **Close Date: 06/25/1992**
33-04 35TH AVE ASTORIA, NY TT-Id: 520A-0125-842

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2455 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 3304 35TH AVE
Revised zip code: NO CHANGE

Source of Spill: PASSENGER VEHICLE
Notifier Type: Local Agency
Caller Name: ENZO CATANZARO
DEC Investigator: KSTANG
Spiller: LOUIS RIANO
Notifier Name:
Caller Agency: NYCDEP
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (718) 595-4681
Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/16/1992	06/25/1992	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	15.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NYCFD RESPONDED & FLUSHED.

DEC Investigator Remarks:

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

Map Identification Number 204 **MANHOLE#16164** **Spill Number: 0406678** **Close Date: 11/15/2004**
37TH AVE/11TH ST QUEENS, NY TT-Id: 520A-0123-505

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2489 feet to the NW

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

Source of Spill:	UNKNOWN	Spiller:	ERT DESK - MANHOLE#16164	Spiller Phone:	(212) 580-8383
Notifier Type:	Other	Notifier Name:	MARK SCHLEGEL	Notifier Phone:	(212) 580-8383
Caller Name:	MARK SCHLEGEL	Caller Agency:	CONED	Caller Phone:	(212) 580-8383
DEC Investigator:	JHOCONNE	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/17/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

5 gallons of unknown water on 500 gallons of water.ref # 155418.the feeder is q61 a 345 kv feeder.no smoke,fire,sewer,or waterways affected. assumed to be dielectric

DEC Investigator Remarks:

e2mis no. 155418:

5 gal of unknown oil on approx. 500 gal. of water in MH 16164 associated with feeder Q61. Trans Ops is calling the Chem Lab to take oil ID and PCB analysis. Tran Ops crew to arrange for cleanup.

Trans Ops employee Albertelli, 08810, directed the clean up. All State Power Vac power washed the manhole. 400 gal of waste was generated from the cleanup and shipped out on manifest #CTF1064412. The cleanup was completed at 15:00 hrs. on 9/22/04. Trans Ops employee Russell, 16232, inspected the manhole following the cleanup. No source of leak identified, no repairs made. PCB concentration - 40 ppm per Lab Sequence Number: 04-07437-001.

Map Identification Number 205 **NYC HOUSING AUTHORITY-APARTMENT BUILDING** **Spill Number: 0812866** **Close Date: 02/27/2009**
41ST AVE 12TH ST LONG ISLAND CITY, NY TT-Id: 520A-0226-486

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2506 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 41ST AVE / 12TH ST
Revised zip code: 11101

Source of Spill:	PRIVATE DWELLING	Spiller:	NYC HOUSING ATHORITY	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	vszhune	Contact for more spill info:	FDNY	Contact Person Phone:	(347) 203-6886

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/27/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	

Caller Remarks:

leaking in tank spilling approx 50 gallons of fuel onto the ground, spill has been contained, clean up crew is on the way.
02/27/09: 0315hrs Frank Inoa from NYC Housing Authority called with update to spill, spill is only 10 gallons, not 50 as originally reported. Approx 1 gallon storm drain, will be sucked out with vac truck. call back # 347-907 0345.

DEC Investigator Remarks:

02/27/09- Zhune responded to this spill. Spoke to F.F. Kerarney from FD Hazmat (347) 203-6886 he said they stop the leak and it's all contained. About 30-50 gallons went to the street. They put speedi-dry and absorvent pads to stop the spill to go to the catch basin located beneath the boiler truck. Cleaning crew (NYC Fuel Remediatoion) is on the way to do the clean up. The buiding is a NYC Housing Authority Building.

Zhune spoke to Vincent Mena 718-707-5900 Assistant Emergency coordinator NYCHPD. He said a feeding from a portable boiler located on the street had a crack and caused the leak. Spill went very little to the catch basin and to the street. Oil Remdiation is

going to suck out the oil from catch basin and removed the speedi-dry.

Frank Inoa (347)097-0345 from NYC Housing Authority called with update spill. Spill is only 10 gallons not 50 as reported.

02/27/09- Zhune inspected the site spoke to Ralph Trocchio (718) 707-5725 Coordinator Oil Remediation NYC Housing Authority. Spill was cleanedup. oil was sucked out from catch basin. DEP was notified. A croos-over connection was installed fram building across the street to supply the building (41-01 12th st.) with heat. Spill closed

Map Identification Number 206 **ON THE ROADWAY** **Spill Number: 0701442** **Close Date: 05/07/2007**
41ST AVE/ 12TH ST QUEENS, NY TT-Id: 520A-0122-351

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2506 feet to the W

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

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	BILL KEENAN - ON THE ROADWAY	Spiller Phone:	(347) 203-0591 ext. C
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	smsanges	Contact for more spill info:	BILL KEENAN	Contact Person Phone:	(347) 203-0591 ext. C

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/04/2007		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSMISSION FLUID	PETROLEUM	8.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

MANHOLE COVER HIT TRANSMITTION AND SPILLED FLUID; MATERIAL CONTAINED; HAS BEEN CLEANED;

DEC Investigator Remarks:

From bus accident - MTA cleaned the site.

Map Identification Number 207 **TM 6360** **Spill Number: 0110006** **Close Date: 04/01/2002**
ORCHARD ST/JACKSON AV QUEENS, NY TT-Id: 520A-0123-238

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2507 feet to the SSW

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

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Affected Persons	Notifier Name:	REIDY	Notifier Phone:	
Caller Name:	CHARLIE MCCARTHY	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	AERODRIG	Contact for more spill info:	CHARLIE MCCARTHY	Contact Person Phone:	(212) 580-6765

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/17/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	30.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

30 GALS UNK OIL ON 30 GALS WATER - SAMPLE TAKEN CLEAN UP PENDING RESULTS - CONFINED TO MANHOLE - CON ED 140952

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"
E2MIS NOTES:

JAN 17 2002: 0910 HOURS: BROOKLYN/QUEENS EQUIPMENT GROUP REPORTS FOUND 30 GALLONS OF UNKNOWN OIL ON 30 GALLONS WATER IN TM6320. NO FIRE OR SMOKE INVOLVED. TOOK PRESSURE TEST AND IT HELD. WILL TAKE A LIQUID SAMPLE FROM UNTI AND FROM WASTE. MR. GRANT SAYS THAT HE THINKS IS DIESEL FUEL. HE WILL ALSO TAKE A FLASH POINT AND AN OIL ID. THIS UNIT WAS RETROFILLED ON 9/27/01. THE ORIGINAL HISTORICAL SAMPLE WAS 116 PPM ON 3/25/01.

JAN. 17 2002: R. WALTERS ARRIVES AT LOCATION INSPECTING STRUCTURE FOUND LESS THAT 1/4 INCH OF OIL FLOATING ON TOP OF WATER. USING EH&S OIL FACTS SPILL GUIDE SHEET THE STRUCTURE BEING A TM 12-6 THE SPILL IS BEING DOWN.

17 JAN 2002 11:40 SAMPLE WAS DROPPED OFF AT CHEM LAB AT THIS TIME.

Map Identification Number 208 **Spill Number: 0307487** **Close Date: 10/17/2003**

3433 31ST ST QUEENS, NY TT-Id: 520A-0131-793

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2521 feet to the NE

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

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Citizen	Notifier Name:	CARLOS ALVEREZ	Notifier Phone:	(917) 974-3455
Caller Name:	CARLOS ALVEREZ	Caller Agency:		Caller Phone:	(917) 974-3455
DEC Investigator:	SMSANGES	Contact for more spill info:	CARLOS ALVEREZ	Contact Person Phone:	(917) 974-3455

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/15/2003		UNKNOWN	NO	NO

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

Caller Remarks:

req follow-up call

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"
Sangesland spoke with citizen. Minor spill on the sidewalk and along street curb.

Sangesland called Sanitation to sand the street

Map Identification Number 209 **36TH AVENUE AT 12TH STREE** **Spill Number: 9611520** **Close Date: 02/06/2004**
36TH AVENUE AT 12TH STREE QUEENS, NY TT-Id: 520A-0123-782

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

ADDRESS CHANGE INFORMATION
Revised street: 36TH AVENUE / 12TH STREE
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:	MR MASQUIO	Notifier Phone:	(212) 580-6763
Caller Name:	STEVE ROMERO	Caller Agency:	CON ED	Caller Phone:	(212) 580-6763
DEC Investigator:	MCTIBBE	Contact for more spill info:	STEVE ROMERO	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/19/1996		UNKNOWN	NO	NO

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

Caller Remarks:

VERY BASIC INFORMATION SO FAR

DEC Investigator Remarks:

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

GASOLINE & MOTOR OIL. NOT FUEL OIL LINE # 7. FD ON SCENE FD REPORTED TO LILCO. FD THINKS THAT IT WAS DUMPED FROM A TRUCK.
SEWER MAY BE IMPACTED. NO IDEA ABOUT QUANTITY. (305 DISP.)
SANITATION MAY BE CLEANING. refer to 9611523.

Map Identification Number 210 **36-11 36TH STREET** **Spill Number: 9410936** **Close Date: 11/16/1994**
36-11 36TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0135-349

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2551 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 3611 36TH STREET
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Responsible Party
Caller Name: KIMBERLEY ABRAMS
DEC Investigator: JMKRIMGO

Spiller: ROSE PENTALE-RES
Notifier Name:
Caller Agency: PETRO
Contact for more spill info:

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 545-3662
Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

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Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/16/1994	11/16/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL LINE LEAK-CONTAINED ON CONCRETE FLOOR (CELLAR) SORBEMT APPLIED & LINE REPAIRED.

DEC Investigator Remarks:

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

Map Identification Number 211 **MANHOLE 3254** **Spill Number: 0003585** **Close Date: 11/14/2000**
36TH AV / 36TH ST QUEENS, NY TT-Id: 520A-0122-992

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2555 feet to the E

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

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: CALLER - CON EDISON | Spiller Phone: (212) 580-6763
Notifier Type: Responsible Party | Notifier Name: NEVILLE | Notifier Phone:
Caller Name: MARK SCHLAGEL | Caller Agency: CON EDISON | Caller Phone: (212) 580-6763
DEC Investigator: JHOCONNE | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/23/2000		UNKNOWN	NO	NO

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

Caller Remarks:

UNK OIL CONTAINED IN MANHOLE - SAMPLE TAKEN - CASE #131984

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"
e2MIS Notes:

1 gallon unknown on 420 gal water in MH3254. Results returned 8ppm PCB. Washed and sealed sump. Tag removed.

Map Identification Number 212 **38TH AVE** **Spill Number: 0400952** **Close Date: 06/28/2004**
38TH AVE & 10TH ST QUEENS, NY TT-Id: 520A-0123-462

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2561 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 38TH AVE / 10TH ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone:
Notifier Type: Responsible Party | Notifier Name: PAOLO IMPELLIZZERI | Notifier Phone: (718) 595-4684
Caller Name: PAOLO IMPELLIZZERI | Caller Agency: DEP HAZMAT | Caller Phone: (718) 595-4684
DEC Investigator: TJDEMEO | Contact for more spill info: | Contact Person Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/27/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	55.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

LOCATED A FULL 55-GALLON DRUM OF WASTE OIL. NO FURTHER INFORMATION.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
add to next drum run

6/29/04 TJD

Drum emptied during drum run on 6/23/04. No further action

required. Spill closed.

Map Identification Number 213 **SEWER** **Spill Number: 9713261** **Close Date: 05/20/1998**
21ST ST/QUEENS PLAZA NORT QUEENS, NY TT-Id: 520A-0129-471

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2563 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / QUEENS PLZ N
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Other
Caller Name: ANNIE RICHARDSON
DEC Investigator: MMMULQUE

Spiller: UNKNOWN
Notifier Name: CON ED EMERGENCY
Caller Agency: DEP COMMUNICATIONS
Contact for more spill info: MR WILLIAM MURPHY

Spiller Phone:
Notifier Phone:
Caller Phone: (718) 595-6777
Contact Person Phone: (212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/27/1998		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SEWER

Caller Remarks:

5% gas (unknown if natural or sewer gas) in sewer - venting at above location and is disapatiing

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
SOURCE WAS CON ED NATURAL GAS LEAK

Map Identification Number 214 **BTWN 9TH & 10TH ST** **Spill Number: 0401100** **Close Date: 05/03/2004**
9-20 38TH AVE QUEENS, NY TT-Id: 520A-0124-991

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2587 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 920 38TH AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN
Notifier Type: Local Agency
Caller Name: AZELLIA MADDOX
DEC Investigator: MXTIPPLE

Spiller: UNKNOWN
Notifier Name: 311 CALL CENTER
Caller Agency: NYS DEP
Contact for more spill info: NYC FD

Spiller Phone:
Notifier Phone: (212) 504-4200
Caller Phone: (212) 689-1520
Contact Person Phone: (718) 476-6288

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/30/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NY Fire Dept. reports approx 10 gallon spill. Drum # 040095. Caller doesn't know where this drum is located.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"
See 04-00952

Map Identification Number 215 **RAVENSWOOD HOUSES** **Spill Number: 9306848** **Close Date: 09/17/1993**
34-21 21ST STREET LONG ISLAND CITY, NY TT-Id: 520A-0135-296

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2589 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3421 21ST STREET
Revised zip code: 11106

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
Notifier Type: Affected Persons
Caller Name: MRS. JACKEL
DEC Investigator: JANE HEALY
Spiller: RAVENSWOOD HOUSING
Notifier Name:
Caller Agency: CITIZEN
Contact for more spill info:
Spiller Phone:
Notifier Phone:
Caller Phone: (718) 274-3020
Contact Person Phone:

Category: Investigation indicates there was no spill.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
09/03/1993	09/17/1993	UNKNOWN	2-475556	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

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

Caller Remarks:

ENORMOUS CLOUD OF BLACK SMOKE-SHOWERING OVER ASTORIA-CALLER IS ON 15TH FLOOR-ENTIRE WINDOW WENT BLACK-COVERED ENTIRE NEIGHBORHOOD-SUSPECTS ILLEGAL BURNING OF TRASH-WANTS CALL BACK.

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

The following DEC Investigator Remarks were available prior to 1/1/2002:

09/03/93: REFERRED TO NYCDEP AIR COMPLAINTS (FILE #938010947).

10/10/95: This is additional information about material spilled from the translation of the old spill file: BLACK SMOKE.

Map Identification Number 216 **QUEENS PLATING COMPANY** **Spill Number: 0604580** **Close Date: 07/24/2006**
36-12 37TH ST QUEENS, NY TT-Id: 520A-0135-348

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 2632 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 3612 37TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:		Spiller Phone:	
Notifier Type:	Fire Department	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	JBVOUGHT	Contact for more spill info:	FF CHAPMAN	Contact Person Phone:	(212) 360-4588

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/24/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

100 GALLONS OF 'UNKNOWN PETRO' IN STREET. UNKNOWN FURTHER.

DEC Investigator Remarks:

07/24/06-Vought-0ff hours duty responder. Vought responded to spill and spill amount is approximately 30 gallons that originated from a ruptured fuel filter to an emergency generator at the plating plant. Spill on concrete and DEP was notified (and also was onsite prior to DEC's arrival). Spill impacted pile on construction sand in front of 36-40 37th Street (contact Henry

718-706-1111). Owner of plating company agreed to have sand removed. Owner of plating company is:

Phil Fusco
Queen Plating Company
36-16 37th Street
Long Island City, NY 718-729-1500
Ph-718-729-1500
Fax: 718-392-1071
Cell: 201-965-6139

Spill closed by Vought due to no impact to soil and/or groundwater.

CLOSED STATUS HAZARDOUS SPILLS - MISC. SPILL CAUSES - EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, AND VANDALISM - IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

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

Map Identification Number 217 **212577; 38 AVE AND 27 ST** **Spill Number: 0814295** **Close Date: 08/28/2008**
38 AVE AND 27 ST NEW YORK, NY TT-Id: 520A-0248-968

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 301 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 38TH AVE / 27TH ST
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	ERT DESK - CON EDISON	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	DMPOKRZY	Contact for more spill info:	ERT DESK	Contact Person Phone:	(212) 580-8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non-petroleum/non-hazardous spills.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/18/2008		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

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

Map Identification Number 218 **Spill Number: 0108724** **Close Date: 02/27/2002**

37-27 28TH ST LONG ISLAND CITY, NY TT-Id: 520A-0136-257

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 461 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 3727 28TH ST
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	DOROTHY CAVALCONTE	Spiller Phone:	(718) 392-7334
Notifier Type:	Other	Notifier Name:	DOROTHY CAVALCONTE	Notifier Phone:	(718) 392-7334
Caller Name:	JOE PELLIGRINO	Caller Agency:	PETRO	Caller Phone:	(516) 686-2027
DEC Investigator:	JBVOUGHT	Contact for more spill info:	DOROTHY CAVALCONTE	Contact Person Phone:	(718) 392-7334

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/30/2001		EQUIPMENT FAILURE	NO	NO

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

Caller Remarks:

defective oil lines caused spill of up to 275 gallons (approx 100-200 gallons) spilled under neith the house - there is no way for the to get to the spill - they did run a new oil line

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT/TIPPLE"
2/27/2002-VOUGHT-Cleanup and sampling performed by Milro (516)379-1500. 12/05/2001- Milro performed 3 borings along line to delineate spill. 12/27/2001-12/28/2001 Milro removes approximately 5 cubic yards of impacted soil. Disposal manifests were provided to the NYSDEC. 12/28/2002-site visit by Vought confirms that no more impacted soil remains in basement. Excavation was backfilled, restored with a concrete slab and epoxied. Groundwater was no impacted and spill closed 2/27/2002 by Vought.

Map Identification Number 219 **37-15 27TH STREET** **Spill Number: 9211335** **Close Date: 01/03/1993**
37-15 27TH STREET LONG ISLAND CITY, NY TT-Id: 520A-0136-253

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 590 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 3715 27TH STREET
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	RESIDENTIAL	Spiller Phone:	
Notifier Type:	Responsible Party	Notifier Name:		Notifier Phone:	
Caller Name:	MAC MCCARTAL	Caller Agency:	COASTAL OIL	Caller Phone:	(718) 746-2412
DEC Investigator:	O'DOWD	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Unable or Unwilling RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/03/1993	01/03/1993	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SUSPECT DRIVER OPENED WRONG VALVE

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

Map Identification Number 220 **37-20 27TH ST** **Spill Number: 9414225** **Close Date: 01/26/1995**
37-20 27TH ST ASTORIA, NY TT-Id: 520A-0126-518

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 603 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3720 27TH ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING | Spiller: PETRO | Spiller Phone: (718) 545-3662
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: KIM ABRAMS | Caller Agency: PETRO FUEL | Caller Phone: (718) 545-3662
DEC Investigator: SMMARTIN | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/26/1995	01/26/1995	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

LEAK FROM 275 OIL TANK-LEAK ABOUT 1 PINT- CLEANED BY SPEEDY DRY AND REMOVED.

DEC Investigator Remarks:

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

Map Identification Number 221 **37-23 CRESCENT AVENUE** **Spill Number: 9410285** **Close Date: 11/02/1994**
37-23 CRESCENT AVENUE LONG ISLAND CITY, NY TT-Id: 520A-0129-849

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 620 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3723 CRESCENT ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING | Spiller: KEVIN BROWN-RES | Spiller Phone:
Notifier Type: Responsible Party | Notifier Name: | Notifier Phone:
Caller Name: VENTURA PASION | Caller Agency: PETRO ASTORIA | Caller Phone: (718) 545-4500
DEC Investigator: JMKRIMGO | Contact for more spill info: | Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/02/1994	11/02/1994	TANK OVERFILL	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL ON CONCRETE AT FILL-CLEAN UP BY DRIVER.

DEC Investigator Remarks:

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

Map Identification Number 222 **VAULT #795** **Spill Number: 9913201** **Close Date: 03/31/2005**
38TH AV/24TH ST QUEENS, NY TT-Id: 520A-0124-099

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 746 feet to the NW

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

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CON EDISON	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	LEWIS ZAMBRIO	Notifier Phone:	
Caller Name:	RICHARD ROACH	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	RICHARD ROACH	Contact Person Phone:	(212) 580-6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/21/2000		EQUIPMENT FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

Caller Remarks:

LEAKING TRANSFORMER AT ABOVE LOCATION. CREW RESPONDING FOR CLEANUP.

TRANSFORMER TO BE REMOVED. NO PCB LEVEL AVAILABLE AT TIME OF CALL.

CON ED # NOT AVAILABLE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

e2mis no. 130059:

J.Calo O.S Networks reports found approximately 60 gallons of transformer oil in vs795 n/s 38 ave 32' w/o 24 st There is a sump but no pump and no sewer. Will take sample when fdr1q23 is deenergized and grounded. Spill appears to be contained at this time. No movement of product. No sewers or waterways affected. Transformer in structure is below minimum. Does not have a visual leak at this time. Historical reading is 2ppms as of 1956. Installed E.S tag#16451.

1800hrs---S.Zalloughi reports dep. C.Hass took 1-split sample, envir crew on location unit being drained.

Update: 2/22/2000 13:00 Hrs
Bob Hutchinson-OS-Env. Ops called and stated structure was cleaned as 50-499. 3 Barrels of debris removed-Sump was sealed with cement-Results returned <50PPM last night-Transformer was removed today-Env Crew washed structure with vactor-Env Tag removed. Structure 100% cleaned.

Update 1/16/04 Lab Sequence Number 00-01588 from Con Edison Chemlab dated 2/21/00. PCB analysis shows 7 PPM PCB at 1260 araclor.

Map Identification Number 223 **QUEENS BRIDGE SUBSTATION** **Spill Number: 0104547** **Close Date: 11/05/2001**
2209 39TH ST QUEENS, NY TT-Id: 520A-0133-739

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1115 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2209 39TH AV
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
Notifier Type: Responsible Party
Caller Name: JIMMY FOX
DEC Investigator: KMFOLEY

Spiller: CON EDISON
Notifier Name: MR SCHMIDTT
Caller Agency: CON EDISON
Contact for more spill info:

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

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/27/2001		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1150	GALLONS	0	GALLONS	SOIL

Caller Remarks:

from feeder #28244m - runs from queens bridge substation 2209 39th av to astoria west substation 21 & 20th av queens - unk where it is

- no ref # yet

leak was found - 30th ave & 21st st - poss contained to manhole

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FOLEY"
Con Ed e2mis #138555:

7/27/01 Discrepancy of 1150gal of non-PCB dielectric fluid on fdr-28244M. Dispatched to investigate run of feeder. Leak located at 21st St and 30th Rd. Feeder at that location runs inside an abandoned 60" gas main. Clean Harbors pumped out 3500gal oil/water mixture on Saturday, July 28th. Oil release was contained within the casing, so there was no release to the environment. Temporary clamp installed on leak at 0830hrs on 7/28/01 and leak stopped. Inspecting feeder for purpose of fabricating permanent repair.

Clean Harbors removed 3000gal oil/water mixture from casing. Custom barrel fabricated to fit around pipe support. Pipe support needed to be cut away to install barrel. Air line respirator needed when performing welding inside casing. 3rd party vendor (Community Fire Equipment) called in to supply training and equipment. On 7/30/01 welding of barrel over clamp started. Barrel welded on and sealed at 2100hrs on 7/30/01. Normal pressure requested. CLean Harbors released from site-they removed an additional 500gal liquid and 2 cu yrds of material. All welding complete and feeder returned to service.

On 8/10/01 SSO reported that the total loss was 1190gal.

Map Identification Number 224 **40-41 27TH ST** **Spill Number: 0003871** **Close Date: 02/12/2003**
40-41 27TH ST QUEENS, NY TT-Id: 520A-0124-176

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1257 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 4041 27TH ST
Revised zip code: NO CHANGE

Source of Spill:	UNKNOWN	Spiller:	UNKNOWN	Spiller Phone:	
Notifier Type:	Local Agency	Notifier Name:		Notifier Phone:	
Caller Name:	CHERELLE MAYFIELD	Caller Agency:	DEP	Caller Phone:	(718) 595-6777
DEC Investigator:	SACCACIO	Contact for more spill info:	CALLER	Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/29/2000		ABANDONED DRUM	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	500.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

9 abandoned 55 gallon drums leaking ifo house.

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

Map Identification Number 225 **APARTMENT HOUSE** **Spill Number: 1000801** **Close Date: 02/16/2011**
36-08 29TH ST QUEENS, NY TT-Id: 520A-0248-955

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1317 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 3608 29TH ST
Revised zip code: NO CHANGE

Source of Spill:	PRIVATE DWELLING	Spiller:	RAY LARA - APARTMENT BUILDING	Spiller Phone:	
Notifier Type:	Other	Notifier Name:		Notifier Phone:	
Caller Name:		Caller Agency:		Caller Phone:	
DEC Investigator:	RMPIPER	Contact for more spill info:	RAY LARA	Contact Person Phone:	(646) 772-6884

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/20/2010		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	

Caller Remarks:

Caller reporting a spill of 100 + galllons of either #4 or #6 fuel oil which may or may not be affecting soil or ground water.
Caller is unsure of above information. Clean up is in progress.

DEC Investigator Remarks:

4/21/10 - Austin - DEC Piper responded to site today, and found that abovegoruand tank had apparently leaked 700 gals., and #6 oil went through weepholes into internal building drainage. Drain line may be compromised, as oil is also showing up on a wall adjoining the drain line. Spil being cleaned up by PTC - no oil vapors impacting residents of building, at this time - end

DECPiper I spoke with PTC. They have cleaned up surfacial spill. Boring proposal being generated to owner.

DEC Piper recieved and reviewed closure report. 31 55 gal drums of cont soil and debris removed. tank removed. replaced by others. No voc;s in samples and minor SVOC exceedances. Based on work to date, this spill is closed. See edocs if warranted.

Map Identification Number 226 **22-07 41ST AVE/QUEENS** **Spill Number: 8809904** **Close Date: 12/04/1992**
22-07 41ST AVENUE NEW YORK CITY, NY TT-Id: 520A-0125-419

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1703 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 2207 41ST AVENUE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL | Spiller: HIGHGRADE POLISHING & REF | Spiller Phone:
Notifier Type: Local Agency | Notifier Name: | Notifier Phone:
Caller Name: JOHN WEATHNOW | Caller Agency: NYCDEP | Caller Phone: (212) 566-1235
DEC Investigator: SIGONA | Contact for more spill info: | Contact Person Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Unknown RP - DEC Field Response - DEC Corrective Action Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/23/1989	12/04/1992	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	1000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

NYCFD, NYCPD & NYCFD HAZ MAT I RESPONDED IN LEVEL B PROTECTION, TANKS CONTAINED CYANIDES & OXIDIZERS, FIRE DEPT PUT OUT FIRE & AVOIDED ANY POTENTIAL EXPLOSION & CYANIDE RELEASE,DEC (SIGONA) RESPONDED

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

Map Identification Number 227 **DRUM RUN** **Spill Number: 0606918** **Close Date: 10/18/2006**
41-26 CRESANT ST QUEENS, NY TT-Id: 520A-0133-574

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1728 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 4126 CRESCENT ST
Revised zip code: 11101

Source of Spill: UNKNOWN | Spiller: UNKNOWN | Spiller Phone:
Notifier Type: Citizen | Notifier Name: | Notifier Phone:
Caller Name: | Caller Agency: | Caller Phone:
DEC Investigator: SFRAHMAN | Contact for more spill info: WADE WONG | Contact Person Phone: (718) 595-4783

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/15/2006		ABANDONED DRUM	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	125.00	GALLONS	125.00	GALLONS	SOIL

Caller Remarks:

3 55 gal drums abandoned. 2 full, 1 approx 1/4 fill.

DEC Investigator Remarks:

add to next drum run
10/18/06 Rahman- Drum was not found on 10/17/06.

Map Identification Number 228 **AMTRAK SUNNYSIDE YARD** **Spill Number: 0303007** **Close Date: 08/29/2003**
39-29 HONEYWELL STREET LONG ISLAND CITY, NY TT-Id: 520A-0136-318

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2402 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 3929 HONEYWELL AVE
Revised zip code: 11101

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	HARRY SEUBERT - NATIONAL RAILROAD PASS		Spiller Phone: (212) 630-6707
Notifier Type:	Responsible Party	Notifier Name:	HARRY SEUBERT		Notifier Phone: (212) 630-6707
Caller Name:	HARRY SEUBERT	Caller Agency:	AMTRAK		Caller Phone: (212) 630-6707
DEC Investigator:	SIGONA	Contact for more spill info:	JOHN PIELLI		Contact Person Phone: (908) 256-6303

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/21/2003		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

Hose on a crane failed - spilling material - clean harbors in enroute for clean up

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

Map Identification Number 229 **AMTRAK SUNNYSIDE YARD** **Spill Number: 0009184** **Close Date: 11/24/2003**
39-29 HONEYWELL STREET LONG ISLAND CITY, NY TT-Id: 520A-0136-309

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING - LARGE SITE
Approximate distance from property: 2402 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 3929 HONEYWELL AVE
Revised zip code: 11101

Source of Spill:	RAILROAD CAR	Spiller:	ENVIRONMENTAL DEPT - NATIONAL RAILROAD PASS	Spiller Phone:	(212) 630-6215
Notifier Type:	Responsible Party	Notifier Name:	TOM FOLEY	Notifier Phone:	(212) 630-6687
Caller Name:	HARRY SEUBERT	Caller Agency:	AMTRACK	Caller Phone:	(212) 630-6707
DEC Investigator:	SIGONA	Contact for more spill info:	HARRY SEUBERT	Contact Person Phone:	(212) 630-6707

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
11/08/2000		EQUIPMENT FAILURE	2-323497	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
HYDRAULIC OIL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

BROKEN HYDRALIC LINE. SPILL IS ON TRACKBED ONLY. CLEAN HARBOURS ON SITE FOR CLEAN UP, SPILL IS CONTAINED.

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

Map Identification Number 230 **CORNER OF** **Spill Number: 9612475** **Close Date: 02/13/1997**
21ST ST & 35TH AVE ASTORIA, NY TT-Id: 520A-0122-371

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2475 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / 35TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	TRIBOROUGH COACH	Spiller Phone:	(718) 335-1000
Notifier Type:	Fire Department	Notifier Name:	QUEENS FIRE DISPATCH	Notifier Phone:	
Caller Name:	FR SMITH	Caller Agency:	FDNY	Caller Phone:	(917) 769-0483
DEC Investigator:	MMMULQUE	Contact for more spill info:		Contact Person Phone:	

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/20/1997		TRAFFIC ACCIDENT	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	125.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

PLATE #NY BUS /BC7266 - THE BUS HIT DEBRIS IN THE ROADWAY PUNCTURING THE TANK - FD NEEDS A RESPONDER - SPILL IS CONTAINED BUT NOT CONTROLLED

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
02/13/97 mmm: TRIBORO HIRED 95 INC ENVIR. SVC TO CELAN OUT CATCH BASIN & STREET. USED ORANGE PEEL TO REMOVE DIESEL CONTAMINATION FROM CATCH BASIN.

Map Identification Number 231 **FEEDER 61** **Spill Number: 0211423** **Close Date: 05/23/2005**
11TH ST & 37TH AVE QUEENS, NY TT-Id: 520A-0123-389

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2489 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 11TH ST / 37TH AVE
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL/INDUSTRIAL	Spiller:	CALLER - CON ED	Spiller Phone:	(212) 580-6763
Notifier Type:	Responsible Party	Notifier Name:	MR REIDY	Notifier Phone:	(212) 580-6765
Caller Name:	LARRY COSTA	Caller Agency:	CON EDISON	Caller Phone:	(212) 580-6763
DEC Investigator:	JHOCONNE	Contact for more spill info:	LARRY COSTA	Contact Person Phone:	(212) 580-6763

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP - DEC Field Response - Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/15/2003		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1450	GALLONS	0	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

THERE IS A FEEDER LINE #61 LEAKING SOMEWHERE BETWEEN THESE 2 SUB STAIONS, AT THIS TIME CON ED IS UNABLE TO PINPOINT THE LEAK

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"

2/19/03, 0945 hrs: spoke with John Tranchina (Con Ed S&TO) - leak still not located. They are focussing on area around the 11th Street Head House. Leak amount now approx. 700 gallons (leak rate is 10 gph). (JHO)

2/21/03, 1045 hrs: call from Bill Capune (ERT) - leak located on 11th Street between 37th and 38th Avenues in Long Island City. At this point, leak amount extimated at approx. 1500 gallons. (JHO)

2/21/03, 1130 hrs: on scene with Leon Paretsky and Joe Browne (Con Ed S&TO), and Dan Pontecorvo (ERT). Leak was located on the 4" cooling (re-circulating) line, not on main feeder. Pinhole leak located at approx. 7 o'clock facing north. Temporary clamp is in place. Barrel will be welded and excavation will be plated this afternoon in anticipation of heavy rains expected over the weekend. Early next week, plates will be removed and remediation of soil will be conducted. (JHO)

3/3/03: met at site with John Terlecki (S&TO). They have completed permanent repair and excavation. Soil appears clean - there is some water at bottom of excavation - placed pads on it, came up clean (no sheen visible). I instructed JT to take 3 equally spaced samples from floor of excavation for benzene and TPH (modified 8100). Await results before backfilling. (JHO)

3/11/03: Received sample resutls from Leon Paretsky.
Sample #1 142 ppm TPH
Sample #2 8810 ppm TPH
Sample #3 13,200 ppm TPH
Sample #4 36,100 ppm TPH
All benzene results <1.67 ppb.

Called Leon Paretsky and Gerry Matterazo - told them this is an Appendix B site (no. 1), so further investigation is planned. In the meantime, told them to excavate additional 1 foot down - collect 4 samples from same locations. Also, collect sidewall samples from 2 sides next to leak location (barrel). (JHO)

APPENDIX B SITE NO. 1

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e2mis no. 147-195:

15-FEB-2003 1945HRS LEAK DETECTION SYSTEM ALARM WENT OFF REPORTING THAT FEEDER 61 345KV THAT RUNS FROM RAINEY STATION TO FARRAGUT STATION WAS LEAKING. THE LEAK ESTIMATE IS 30 GALLONS AT THIS TIME. THE PLACE THE LEAK IS IS UNKNOWN.

2 PFT vans sent to run feeder route. CGO crews requested to run feeder and pull MH covers. As of 07:00 2/16/03 PFT vans ran complete feeder route and found no signs of PFT. MH search still in progress.

At 9:55, 2/16/03, CGO crews reported oil found in MH 71304 on Mcguiness Blvd and India St in Brooklyn. Chem lab requested to sample for PFT and take PCB and fingerprint analysis. TO crew being sent to location. Con Ed tanker requested to pump MH out. SSO reports that both substations have been checked and are OK and that the 1th St conduit has been checked and is OK.

As of 14:00 2/16 Con Ed tanker pumped out MH71304 - no visible leak seen but manhole needs to be cleaned. Clean Venture already called to respond. Sample of oil taken by Chem Lab - no PFT found in oil. Sample to be taken from feeder to check for presence of PFT in feeder. PFT vans continue to search for leak.

A Con Edison tanker pumped out 25 gallons of oil and 1200 gallons of water from MH71304 on 02-26-03. Clean Venture cleaned and washed the same manhole, removing 150 gallons.

As of 08:00 2/20/03 CSD has stated that 1450 gallons of fluid has been lost. Since the cooling plants have been shut down the leak detection system alarm has cleared. There is still a 4.5 gallon per hour discrepancy between feede 61 and 62.

PFT van began picking up PFT signals in air on 11th St between 37th & th Ave. Contractor barholed complete block. Chem lab technicians pinpointed area to approx 270’ s/o 37th Ave on 11th St. Excavation to follow.

Excavation started at approx 16:30 2/20/03 270’ s/o 37th Ave on 11th St. Oily soil was found when the feeder pipes were exposed
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but the leak was not uncovered. The excavation continues North to try to find the leak on the pipe. Clean Ventures was called to respond and supply a cleanup crew to remove the contaminated soil.

Update 1310 hrs. Feb 21, 2003
Leak location exposed at about 1030 hrs; leak on 5-inch return line. Temporary clamp installed at 1150 hrs. Booms/pigs had been placed in two sewer MHs north of the leak location; first one just north of the leak location (it had minimal water flow north); second one further north (vicinity of 37-03 11th street had more flow); second manhole appeared to have discoloration; possible oil. Chem lab dropped absorbent pad in second manhole, absorbed material for fingerprint.

At approx 15:00 2/21 welding repairs were started. 220 style barrel welded over temp clamp. At 20:59 permanent repairs completed. At 21:45 Gold St PURS placed in service and at 22:30 Rainey PURS placed in service. At 23:03 UTO Supervisor reports visual inspection of repairs OK. No leaks. At 23:15 Notified, T.O. to remove de-rate on Fdr 61. At 23:30 Notified USI to reset LDS. Cleanup of area continues.

CSD reports that total loss as calculated by USI and the leak detection system is 1447 gallons.

On 2/28/03 Clean Ventures removed 20 cubic yards of material under CVCC045939.

On 3/3/03 Keri Foley (NYSDEC) met John Terlecki on site. Permission was granted to backfill 25 feet of trench but additional samples must be taken at leak site before backfill. Samples taken as deirected by Chem Lab and backfill was completed on the approved section.

On 3/4/03 Clean Venture removed 1 cubic yard of material from excavation under CVCC045972.

Update Mar 10,2003
Soil sample results received from Chem Lab. Analysis conducted for dielectric concentration, and THC concentration (method 8100), and benzene(total). Samples were taken on 03/03; results issued on 03/10. Results were as follows:

LSN No. 03-01756-004

Sample No	Benzene Conc (ppb)	Feeder Dielectric Conc(ppm) (mod 8100)	THC Conc (ppm) (mod 8100)
1	1.67	11.9	142
2	1.53	8810	8810
3	1.62	13200	13200
4	1.67	36100	36100

On 3/17/03 as per Jane O'Connell (NYSDEC) after reviewing the sample results ordered an additional 1 foot of soil removed from the floor of the excavation, resampled and backfill could commence. The site was excavated and Clean Ventures removed 2 cubic yards of material under CVCC045650. Samples were taken by the Chem lab and the site was backfilled and base concrete was poured on 3/17/03.

Chem lab reports 03-01484 that sample from sewer on 2/21/03 has presence of dielectric fluid.

Map Identification Number 232 **UNDER QUEENSBORUGH BRIDGE** **Spill Number: 0503448** **Close Date: 06/23/2005**
21ST ST/ QUEENS PLAZA NOR LONG ISLAND CITY, NY TT-Id: 520A-0129-470

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2563 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 21ST ST / QUEENS PLZ N
Revised zip code: NO CHANGE

Source of Spill:	COMMERCIAL VEHICLE	Spiller:	ANTHONY MARACHECK - L&L PAINTING COMP	Spiller Phone:	(516) 349-1900
Notifier Type:	Local Agency	Notifier Name:	WILLIAM MOSER	Notifier Phone:	(718) 361-9425
Caller Name:	WILLIAM MOSER	Caller Agency:	NYC DOT	Caller Phone:	(718) 361-9425
DEC Investigator:	SMSANGES	Contact for more spill info:	WILLIAM DOSER	Contact Person Phone:	(718) 361-9425

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP - No DEC Field Response - Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/22/2005		HUMAN ERROR	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	250.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

GRAY WATER HAS SPILLED FROM DE CON TRAILER. WATER WENT INTO DRAIN. SOMEONE KICKED VAULVE OPEN.

DEC Investigator Remarks:

"Gray Water" is not regulated by DEC

THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, OR VANDALISM. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
0704394	VACANT BUILDING	39-27 29TH ST	LONG ISLAND CITY
9712733	RESIDENCE	27-10 37TH AVE	LONG ISLAND CITY
0814293	212539; 38TH AVE. AND 24TH STREET	38TH AVE. AND 24TH STREET	NEW YORK
0304292		37-31 30TH ST	LONG ISLAND CITY

0890046	205614; 28 ST	28 ST	
0005416		CRESCENT ST/37TH AV	JAMAICA
0010307	TM 5829	37TH AVE/CRESENT ST	QUEENS
9511637	2409 40TH AVENUE	2409 40TH AVENUE	LONG ISLAND CITY
9311067	23RD ST & 38TH AVENUE	23RD ST & 38TH AVENUE	QUEENS
9414614	PS 204	36-41 28TH STREET	ASTORIA
9414758	AROON SUKRANICHANNE	36-46 CRESCENT STREET	ASTORIA
9503873	37-10 24TH STREET	37-10 24TH STREET	QUEENS
0011166	NEWCOMBERS HIGH SCHOOL	28-01 41ST AVE	LONG ISLAND CITY
0702865	DRUM RUN	23RD ST BET 37TH AND 38T	QUEENS
0500969	MANHOLE 6122	37TH AV/ 31ST ST	QUEENS
0601917	MANHOLE # 16001	37TH AVE & 31 ST STREET	QUEENS
1006239	QUEENS BRIDGE SUBSTATION	22-09 39TH AVE	LONG ISLAND CITY
0003582	QUEENS BRIDGE SUBSTATION	22-09 39TH AVE	QUEENS
0105519	QUEENSBRIDGE SUBSTATION TR #3	22-09 39TH AVE	QUEENS
0206420	QUEENS BRIDGE SUB STATION	22-09 39TH AVE	NEW YORK
0303727	QUEENS BRIDGE SUB	22-09 39TH AVE	NEW YORK
0304042	QUEENSBRIDGE SUBST	22-09 39TH AV	QUEENS
9604154	QUEENSBRIDGE SUB STATION	22-09 39TH AVE	NEW YORK
9608430	QUEENSBRIDGE SUBSTATION	22-09 39TH AVE	NEW YORK
9805631	QUEENSBRIDGE SUB-STATION	22-09 39TH AVENUE	QUEENS
9808251	QUEENBRIDGE SUBSTATION	22-09 39TH AVE	NEW YORK
9809625	QUEENSBRIDGE SUBSTATION	22-09 39TH AVE	NEW YORK
9906049	QUEENSBRIDGE SUB STATION	22-09 39TH AVE	NEW YORK
9405052	QUEENSBRIDGE SUB STATION	22-09 39TH AVENUE	LONG ISLAND CITY
0905713	SUBSTATION EMIS 218034	2209 39TH AVE	QUEENS
0901118	QUEENS BRIDGE SUB STATION	2209 39TH AVE	LONG ISLAND CITY
0701543	QUEENSBRIDGE SUBSTATION	22-09 39TH AVENUE	LONG ISLAND CITY
0707385	ONE PINT DIESEL LEAK FROM VEH 41303	22-09 39 AVENUE (AT 22 STREET)	LONG ISLAND CITY
1004100	QUEENS BRIDGE SUBSTATION	- 22 -09 39TH AVE	QUEENS
0809977	APPROVED OIL COMPANY	36-25 29TH STREET	QUEENS
9512281	36-26 30TH ST	36-26 30TH ST	QUEENS
0401764	BETWEEN 37 & 38TH AVE.	3722 23RD. ST.	QUEENS
8601076	PUBLIC TRUK RENTAL SPILL -NYCT	3724 33RD ST.	NEW YORK CITY
1100936	MTCC CAPITOL CONSTRUCTION SITE	2985 NORTHERN BLVD	LONG ISLAND CITY
0210085	MTA/LIRR-EASTSIDE ACCES	29-85 NORTHERN BLVD.	QUEENS
1003328	CONSTRUCTION SITE	2985 NORTHER BLVD	LONG ISLAND CITY
0606531	ANTIFREEZE FROM CONED VEH #60479	30-30 NORTHERN BLVD	QUEENS
9408649	NORTH-30 EQUITY	30-30 NORTHERN BLVD	LONG ISLAND CITY
9510520	A TO Z COMPANY	25-15 41ST AVE	LONG ISLAND CITY
9511910	2912 36TH AVE	2912 36TH AVE	ASTORIA
9100984	40-29 23RD ST/QUEENS	40-29 23RD STREET	NEW YORK CITY
9906366	MANHOLE 3849	36TH AVE/CREST ST	QUEENS
1108247	MTA EASTSIDE ACCESS CONSTRUCTIONSITE	2976 NORTHERN BLVD	LONG ISLAND CITY

0230068	LIC USED AUTO PARTS	37-25 21ST STREET	LONG ISLAND CITY
9411081	33-00 NORTHERN BLVD	33-00 NORTHERN BLVD	LONG ISLAND CITY
0610715	HYDRAULIC LEAK IN VEHICLE 50599	30 STREET & 36 AVENUE	QUEENS
9611135	NYC TRANSIT BUILDING -NYCT	29-70 NORTHERN BLVD	QUEENS
0610283	UNDER TRAIN TRESSEL	33RD & 37TH AVE	QUEENS
9906325	MANHOLE 8636	36TH AVE & 24TH ST	QUEENS
9611967	GULF MOKIN GAS	23-01 41ST AVE	LONG ISLAND CITY
1008574	CYPRIIN AUTO	23-01 41 AVE	QUEENS
9304387	37-14 34TH ST	37-14 34TH STREET	LONG ISLAND CITY
0001983	18-50 38TH AVE	VAULT 634	QUEENS
9714400	MARBLE WORLD	41-10 24TH STREET	LONG ISLAND CITY
0612108	PRIVATE HOM,E	35-37 28TH STREET	ASTORIA
9410272	SUBWAY GRATING	NEAR 41 AVE & 23 ST	QUEENS
1103281	VACANT COMMERCIAL PROPERTY	41-01 23RD ST	LONG ISLAND CITY
0301277	33-24 NORTHERN BLVD	33-24 NORTHERN BLVD	LONG ISLAND CITY
9209493	39-02 21ST STREET	39-02 21ST STREET	LONG ISLAND CITY
0402366	PS# 111 DISTRICT 30	38-15 13TH STREET	LONG ISLAND CITY
9501845	41-26 CRESCENT ATREET	41-26 CRESCENT STREET	ASTORIA
9415787	41-11 23RD ST	41-11 23RD ST	LONG ISLAND CITY
0512432	GETTY # 568	36-21 21ST STREET	LONG ISLAND CITY
9908421		21ST STREET & 40TH AVENUE	QUEENS
0606627	COCA COLA TRUCK SPILL	INT. 21ST ST & 40 AVE	QUEENS
0010485	V2962	28-19 BRIDGE PLAZA NORTH	QUEENS
0514441	MANHOLE 880	NORTHERN BLVD & 41 AVE	QUEENS
0301947	ABANDONED DRUM	41ST AVE & 22ND ST	LONG ISLAND CITY
9913831		1309 4OTH AVE	LONG ISLAND CITY
9510707	13-07 40TH AVE	13-07 40TH AVE	LONG ISLAND CITY
0512371	VS #4592	28 STREET & BRIDGE PLAZA NORTH	QUEENS
9809207		36-11 33RD ST	ASTORIA
8905928	GALASFEO JEWELRY	2932 NORTHERN BLVD	LONG ISLAND CITY
0006840	VAULT 768	30-10 41ST AVE	QUEENS
0408683	BUSINESS BUILDING	38-38 13TH STREET	LONG ISLAND CITY
0603972	TM #2244	35 AVENUE & WEST 37 STREET	QUEENS
9611914	QUEENSBORO PLAZA &	27TH ST & QUEENSBORO PLAZ	QUEENS
9305907	36-28 14TH STREET	36-28 14TH STREET	QUEENS
0505641	GETTY #568	21ST/36 AVE	LONG ISLAND
9801243	GETTY #568	21ST STREET AND 36TH AVE	LONG ISLAND CITY
0504524	GETTY STATION#568	21ST STREET/36 AVE	LONG ISLAND CITY
0505775	GETTY 568	21ST STREET AND 36TH AVE	LONG ISLAND CITY
9805206	GETTY	36-02 21ST ST	LONG ISLAND CITY
0703759	GETTY#568	36-02 21 STREET	LONG ISLAND
0511107	GETTY #568	21ST/36 AVE	LONG ISLAND
9311605	35-37 32ND ST.	35-37 32ND ST	ASTORIA
9309512	RAVENSWOOD HOUSES	21-10 35TH AVENUE	ASTORIA

0804450	MTA	QUEENS PLAZA SOUTH/28TH A	QUEENS
9612175	CRESCENT ST/QUEENS PLAZA	CRESCENT ST/QUEENS PLAZA	QUEENS
0211175	PETROCELLI ELECTRIC	22-09 QUEENSBRIDGE PLAZA NORTH	LONG ISLAND CITY
9305362	35-02 NORTHEN BLVD	35002 NORTHEN BLVD	QUEENS
0407680	VAULT #7609	41ST AV & 21ST ST	QUEENS
9711056	BELL ATLANTIC.	21ST ST/41ST AVE	LONG ISLAND CITY
9702091	21 ST AND 41 AVE	21 ST AND 41 AVE	LONG ISLAND CITY
0605226	VAULT 9340	35 AVENUE AND 24 STREET	ASTORIA
9500610	25-13 35TH AVENUE	25-13 35TH AVENUE	ASTORIA
0606280	MANHOLE # TM6493	34TH STREET/36TH AVE	QUEENS
0210919	MANHOLE 3264	36TH AVE & 34TH ST	QUEENS
0411427	QUEENSBRIDGE HOUSES -NYCHA	40-13 12TH AVE	QUEENS
0411567	QUEENSBRIDGE NORTH -NYCHA	40-13 12TH ST	QUEENS
0511565	HOUSING DEVELOPMENT -NYCHA	40-13 12TH ST	QUEENS
9510715	GASETERIA	30-05 QUEENS BLVD	LONG ISLAND CITY
9416874	GASETERIA	30-05 QUEENS BLVD	LONG ISLAND CITY
8912010	QUEENS BLV & JACKSON AVE	QUEENS BLV & JACKSON AVE	NEW YORK CITY
0506965	APARTMENT 4D	3450 29TH STREET	LONG ISLAND
1004302	NYCTA ROADWAY SPILL	QUEENSBORO PLAZA AND JACKSON AVENUE	QUEENS
1000256	NYCT TRANSIT TRUCK HYDRAULIC SPILL	59TH STREET BRIDGE AND JACKSON AVE	QUEENS
0603559	MANHOLE # 925	31 STREET & 35 AVENUE	QUEENS
0602873	ON THE ROADWAY	QUEENS PALZA SOUTH/ 24TH	LONG ISLAND CITY
0700059	IN ROAD WAY	QUEENS PLAZA SOUTH/ 24TH	QUEENS
0009283		23RD ST / QUEENS PLAZA SO	QUEENS
0504981	VAULT 5757	12 ST AND 40 AVE	QUEENS
0000423	VAULT VS3241	42-15 CRESCENT ST	ASTORIA
1102455	TRUCK INTO LOADING DOCK	11-2 38TH AVE	QUEENS
1102461	ON ROADWAY	11-2 38TH AVE	QUEENS
0506691	STREET SPILL	12TH ST AND 37TH AVE	QUEENS
0210546	SILVER STAR MOTORS	36-11 NORTHERN BLVD	LONG ISLAND CITY
0909337	NYC DEPT OF TRANSPORTATION	23RD ST & QUEENS PLAZA SOUTH	LONG ISLAND CITY
0012859	GRAYBAR ELECTRIC	21-15 QUEENS PLAZA NORTH	LONG ISLAND CITY
0808476	VAULT V2622	4201 24 TH ST	QUEENS
9814658	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
9811804	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
9804210	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
8503066	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
9113048	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
8607815	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
0000814	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
0009462	SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
8602016	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
0103793	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
0108953	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY

8703955	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
8607789	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
9903705	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
0200853	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
0109691	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
0401755	AMTRAK	39-29 HONEYWELL STREET	LONG ISLAND CITY
9102570	AMTRAK SUNNYSIDE YARD	39-29 HONEYWELL STREET	LONG ISLAND CITY
0502669	SUNNYSIDE YARD	39 29 HONEYWELL STREET	LONG ISLAND
0502128	SUNNYSIDE YARD	39 29 HONEYWELL STREET	LONG ISLAND
0613010	HEAVY MACHINE	39-29 HONEYWELL STREET	LONG ISLAND CITY
0712819	SUNNYSIDE YARD	39-29 HONEYWELL ST	QUEENS
0808975	SUNNYSIDE YARD QUEENS	3929 HONEYWELL ST	LONG ISLAND CITY
0812034	SUNNYSIDE RAIL YARD	3929 HONEYWELL ST	LONG ISLAND CITY
1002682	SUNNY SIDE YARD	3929 HONEYWELL RD	LONG ISLAND CITY
1110579	AMTRAK SUNNYSIDE YARD SPILL	36-29 HONEYWELL AVE	SUNNYSIDE
0602016	PERETTE HALL	38-62 11TH STREET	LONG ISLAND
9416667	3712 11TH STREET	3712 11TH STREET	LONG ISLAND CITY
0105035	VS5021	41ST AVENUE AT 12TH STREE	QUEENS
8902353	12TH ST & 41ST AVE	12TH ST & 41ST AVE	LONG ISLAND CITY
9814173	QUEENSBRIDGE	41ST AVE/12TH STREET	LONG ISLAND CITY
0602638	MTA BUS	12TH AND 41ST AVE	ASTORIA
0605589	TM6360 LEAKED IN VAULT	ORCHARD STREET & JACKSON AVE	QUEENS
9902595	MANHOLE 876	JACKSON AVENUE ORCHID ST	NEW YORK
0301857	OUTLET CITY	42-16 WEST STREET	LONG ISLAND CITY
9813882	OUTLET CITY	42-16 WEST STREET	LONG ISLAND CITY
9308747	34-15 CRESCENT STREET	34-15 CRESCENT STREET	LONG ISLAND CITY
0306141	37TH STREET AT	NORTHERN BLVD	JACKSON HEIGHTS
9907715	MAN HOLE 886	NW CORNER NRN BLVD/37ST	QUEENS
0890146	207111; 36 AVE	36 AVE	
0907743	ONTO ROAD	QUEENS PALZA NORTH 21ST ST	QUEENS
9307008	35-35 35TH STREET	35-35 35TH STREET	QUEENS
9409170	10-12 37TH AVENUE	10-12 37TH AVENUE	QUEENS
0402305	DRUM RUN	9-20 38TH AVE	LONG ISLAND CITY
0711059	APARTMENT BUILDING	34-21 21ST STREET	QUEENS
9013015	34-21 21ST ST/QUEENS	34-21 21ST STREET	NEW YORK CITY
9103242	QUEENSBRIDGE PLANT C -NYCHA	40009 10TH STREET	NEW YORK CITY
0911418	NYC HOUSING AUTHORITY	40-09 10TH ST	LONG ISLAND CITY
9503663	36-42 11TH STREET	36-42 11TH STREET	LONG ISLAND CITY
0001266	36-38 11TH ST	36-38 11TH ST	LONG ISLAND CITY

NO OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

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

Map Identification Number 233 **38-28 30-28TH STREET** **Facility Id: 2-603734** **Source: NYS DEC**
38-28 28TH STREET LONG ISLAND CITY, 11101 TT-Id: 640A-0048-162

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 60 feet to the SW*

ADDRESS CHANGE INFORMATION
Revised street: 3828 28TH STREET
Revised zip code: NO CHANGE

Facility Type: Unknown
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: PROP EMPTY Operator Phone #:
Owner Name:
Owner Company: LEAKERCRAFT PROCESS OF AMERICA INC. Owner Type: Corporate or Commercial
Owner Address: C/O MARK LIBERMAN 23-01 44TH AVENUE, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	Diesel	1000	Underground			
002	Closed - Removed	Diesel	1000	Underground			

TANK NUMBER: 001 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: None
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: Vent Whistle SPILL PREVENTION: DISPENSER METHOD: Suction

TANK NUMBER: 002 TANK TYPE: Steel/Carbon Steel/Iron TK INT. PROTECTION: None
TANK EXT. PROTECTION: None TANK LEAK DETECTN: None TK SEC. CONTAINMNT: Flexible Internal Liner (Bladder)
PIPING EXT. PROTECTN: None PIPING LEAK DETECTN: PIPE SEC. CONTAINMNT:
PIPING TYPE: Steel/Carbon Steel/Iron PIPING LOCATION: Underground/On-ground
OVERFILL PROTECTION: Vent Whistle SPILL PREVENTION: DISPENSER METHOD: Suction

Map Identification Number 234 **A MUNDER & SON,INC** **Facility Id: 2-600285** **Source: NYS DEC**
28-10 38TH AVENUE LONG ISLAND CITY, 11101 TT-Id: 640A-0048-159

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 193 feet to the E*

ADDRESS CHANGE INFORMATION
Revised street: 2810 38TH AVENUE
Revised zip code: NO CHANGE

Facility Type: Other
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: HAROLD MUNDER
Operator Phone #: (718) 786-6363
Owner Name:
Owner Company: A MUNDER & SON,INC
Owner Type: Corporate or Commercial
Owner Address: 28-10 38TH AVENUE, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - In Place	Gasoline	550	Underground			08/01/1991
002	Closed - In Place	Gasoline	550	Underground			08/01/1991
003	Tank Converted to Non-Regulated Use	#2 Fuel Oil	550	Underground			08/01/1996

TANK NUMBER: 001
TANK EXT. PROTECTION: Painted/Asphalt Coating
PIPING EXT. PROTECTN: None
PIPING TYPE: Steel/Carbon Steel/Iron
OVERFILL PROTECTION: None
TANK TYPE: Steel/Carbon Steel/Iron
TANK LEAK DETECTN: None
PIPING LEAK DETECTN:
PIPING LOCATION: Underground/On-ground
SPILL PREVENTION:
TK INT. PROTECTION: None
TK SEC. CONTAINMNT: None
PIPE SEC. CONTAINMNT:
DISPENSER METHOD: Suction

TANK NUMBER: 002
TANK EXT. PROTECTION: Painted/Asphalt Coating
PIPING EXT. PROTECTN: None
PIPING TYPE: Steel/Carbon Steel/Iron
OVERFILL PROTECTION: None
TANK TYPE: Steel/Carbon Steel/Iron
TANK LEAK DETECTN: None
PIPING LEAK DETECTN:
PIPING LOCATION: Underground/On-ground
SPILL PREVENTION:
TK INT. PROTECTION: None
TK SEC. CONTAINMNT: None
PIPE SEC. CONTAINMNT:
DISPENSER METHOD: Suction

TANK NUMBER: 003
TANK EXT. PROTECTION: Painted/Asphalt Coating
PIPING EXT. PROTECTN: None
PIPING TYPE: Steel/Carbon Steel/Iron
OVERFILL PROTECTION: None
TANK TYPE: Steel/Carbon Steel/Iron
TANK LEAK DETECTN: None
PIPING LEAK DETECTN:
PIPING LOCATION: Underground/On-ground
SPILL PREVENTION:
TK INT. PROTECTION: None
TK SEC. CONTAINMNT: None
PIPE SEC. CONTAINMNT:
DISPENSER METHOD: Suction

Map Identification Number 235 **A MUNDER&SONS INC** **Facility Id: NY01133** **Source: NYC FIRE DEPT**
38-01 28 ST QUEENS, NY 11106 TT-Id: 660A-0009-841

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 193 feet to the E*

ADDRESS CHANGE INFORMATION
Revised street: 3801 28TH ST
Revised zip code: 11101

NOTE: This is an archived database

Comments: PFS 550G ADD 1
TANK TEST 8/20/80

Map Identification Number 236 **20 FAMILY APT HOUSE** **Facility Id: 2-210218** **Source: NYS DEC**
38-32 29TH STREET LONG ISLAND CITY, 11101 TT-Id: 640A-0048-163

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 277 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 3832 29TH STREET
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 01/07/2013
Operator Name: KATHERINE SUPON Operator Phone #: (718) 626-0454
Owner Name: PETER SUPON - OWNER/AGENT
Owner Company: KATHERINE SUPON Owner Type: Private Resident
Owner Address: 19-63 77TH STREET, JACKSON HEIGHTS, NY 11370

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2500	Aboveground - In Contact with Soil	10/01/1947		

Map Identification Number 237 **DIMOS PANAGOULIS** **Facility Id: 2-290483** **Source: NYS DEC**
38-06 29 ST LONG ISLAND, 11101 TT-Id: 640A-0048-157

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 279 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 3806 29TH ST
Revised zip code:

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 08/24/2012
Operator Name: DIMOS PANAGOULIAS Operator Phone #: (718) 748-1401

Owner Name: D. PANAGOULIAS - OWNER
Owner Company: DIMOS PANAGOULIAS Owner Type: Private Resident
Owner Address: 11-32 74TH STREET, BROOKLYN, NY 11228

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2060	Aboveground - In Contact with Soil	07/01/1974		

Map Identification Number 238 **FONTANA,LLC** **Facility Id: 2-090913** **Source: NYS DEC**
28-18 38TH AVENUE LONG ISLAND CITY, 11101 TT-Id: 640A-0048-158

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 296 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 2818 38TH AVENUE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 06/02/2015
Operator Name: JOSE GONZALEZ Operator Phone #: (718) 783-0029
Owner Name: DOMENICO TIERNO - MEMBER
Owner Company: FONTANA, LLC Owner Type: Private Resident
Owner Address: 24-12 147TH STREET, WHITESTONE, NY 11357

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	3000	Aboveground - In Contact with Soil	12/16/1974		

Map Identification Number 239 **CALLIOPI LAMBADIS** **Facility Id: 2-404640** **Source: NYS DEC**
27-08 39 AVE LONG ISLAND CITY, 11101 TT-Id: 640A-0048-160

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 345 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 2708 39TH AVE
Revised zip code:

Facility Type: Unknown
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: CALLIOPI LAMBADIS Operator Phone #: (718) 706-8998
Owner Name:
Owner Company: CALLIOPI LAMBADIS Owner Type:
Owner Address: 61 SARAH DR, LAKE GROVE, NY 11755

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - In Place	#2 Fuel Oil	3000	Aboveground on Crib Rack or Cradle	12/01/1971		10/01/1994

Map Identification Number 240 **QP II 38-05 CRESCENT STREET LLC** **Facility Id: 2-249289** **Source: NYS DEC**
38-05 CRESCENT STREET LONG ISLAND CITY, 11101 TT-Id: 640A-0050-044

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 400 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 3805 CRESCENT STREET
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 01/31/2013
Operator Name: GREGORY JAMOLKOWSKI
Operator Phone #: (917) 577-5084
Owner Name: TACIA ARBONA - ASST MANAGER
Owner Company: QP II 38-05 CRESCENT STREET LLC
Owner Type: Corporate or Commercial
Owner Address: 31-10 37TH AVE, 3RD FLOOR, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#4 Fuel Oil	5000	Aboveground - In Contact with Soil	09/30/1989		

Map Identification Number 241 **37-33 28TH ST REALTY CORP** **Facility Id: 2-278726** **Source: NYS DEC**
37-33 28TH STREET LONG ISLAND CITY, 11103 TT-Id: 640A-0050-950

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 406 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 3733 28TH ST
Revised zip code: 11101

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 07/14/2012
Operator Name: SAUL NAHMIAS
Operator Phone #: (718) 706-7554
Owner Name: MIRIAM NAHMIAS - SEC
Owner Company: 37-33 28TH ST REALTY CORP
Owner Type: Corporate or Commercial
Owner Address: 37-33 28TH STREET, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2500	Underground	07/15/1975	05/23/2002	

Map Identification Number 242 **O K ELECTRIC CO** **Facility Id: NY07573** **Source: NYC FIRE DEPT**
38-31 CRESCENT ST QUEENS, NY 11101 TT-Id: 660A-0008-695

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 407 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3831 CRESCENT ST
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL 1100 GAL

Map Identification Number 243 **MELNICH REALTY CO.** **Facility Id: 2-284033** **Source: NYS DEC**
29-05 39TH AVENUE LONG ISLAND CITY, 11102 TT-Id: 640A-0048-161

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 441 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 2905 39TH AVENUE
Revised zip code: 11101

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 10/02/2012
Operator Name: MARIO LOPEZ Operator Phone #: (718) 786-8010
Owner Name: NICK MELISSINOS - OWNER
Owner Company: MELNICH REALTY CO. Owner Type: Private Resident
Owner Address: 34-15 86TH STREET, JACKSON HEIGTHS, NY 11372

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	4000	Aboveground - In Contact with Soil	12/01/1957		

Map Identification Number 244 **MC ACROPOLIS, LLC** **Facility Id: 2-326143** **Source: NYS DEC**
24-16 38TH AVENUE LONG ISLAND CITY, 11101 TT-Id: 640A-0050-048

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 546 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2416 38TH AVE
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 07/17/2013
Operator Name: JULIO PEGUERO
Operator Phone #: (917) 696-0300
Owner Name: JERRY PAPAFLORATOS - AGENT
Owner Company: MC ACROPOLIS, LLC
Owner Type: Corporate or Commercial
Owner Address: P.O. BOX 610530, BAYSIDE, NY 11361

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	5000	Aboveground - In Contact with Soil	01/01/1927		

Map Identification Number 245 **MILLENIUM AUTO CARE** **Facility Id: 2-609602** **Source: NYS DEC**
29-15 38TH AVENUE ASTORIA, 11101 TT-Id: 640A-0044-598

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 557 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 2915 38TH AVENUE
Revised zip code: NO CHANGE

Facility Type: Other
Site Status: Active
Expiration Date of the facility's registration certificate: 06/10/2009
Operator Name: DENNIS WYNN
Operator Phone #: (718) 361-6113
Owner Name: DENNIS WYNN - MANAGER
Owner Company: GEORGE RUTSOS
Owner Type: Private Resident
Owner Address: 29-15 38TH AVENUE, ASTORIA, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Waste Oil/Used Oil	100	Abovegrnd - In Contact w/Imperv. Barrier			

Map Identification Number 246 **37-27 CRESCENT ST** **Facility Id: 2-114464** **Source: NYS DEC**
37-27 CRESCENT STREET LONG ISLAND CITY, 11101 TT-Id: 640A-0050-043

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 563 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 3727 CRESCENT ST
Revised zip code: NO CHANGE

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 05/02/2012
Operator Name: RAGIB CJONBALAJ
Operator Phone #: (646) 327-1634
Owner Name: STEVE GROSS - MANAGING AGENT
Owner Company: SHERMAN PARTNERS LLC
Owner Type: Corporate or Commercial
Owner Address: 5114 FORT HAMILTON PARKWAY, BROOKLYN, NY 11219

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	2500	Aboveground - In Contact with Soil	12/01/1950		

Map Identification Number 247 **ENGINE 261 / LADDER 116** **Facility Id: 2-358223** **Source: NYS DEC**
37-20 29TH STREET LONG ISLAND CITY, 11101 TT-Id: 640A-0050-951

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 564 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 3720 29TH STREET
Revised zip code: NO CHANGE

Facility Type: Other
Site Status: Unregulated
Expiration Date of the facility's registration certificate:
Operator Name: COMPANY OFFICER
Operator Phone #: (718) 476-6267
Owner Name:
Owner Company: NYC FIRE DEPARTMENT
Owner Type: Local Government
Owner Address: 9 METROTECH CENTER, BROOKLYN, NY 11201-3857

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed - Removed	#2 Fuel Oil	2000	Aboveground on Crib Rack or Cradle			05/22/2008
002	In Service	Diesel	550	Aboveground on Crib Rack or Cradle	02/01/1998		
003	Closed - In Place	Gasoline	275	Underground			02/01/1998

Map Identification Number 248 **EVANGEL CHURCH & SCHOOL** **Facility Id: 2-607446** **Source: NYS DEC**
39-21 CRESCENT STREET LONG ISLAND CITY, 11101 TT-Id: 640A-0050-050

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 583 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 3921 CRESCENT STREET
Revised zip code: NO CHANGE

Facility Type: School
Site Status: Active
Expiration Date of the facility's registration certificate: 02/21/2012
Operator Name: ANDREW MARKO
Operator Phone #: (718) 361-5454
Owner Name: REV. ROBERT JOHANSSON - PRESIDENT / SENIOR PASTOR
Owner Company: EVANGEL CHURCH
Owner Type: Corporate or Commercial
Owner Address: 39-21 CRESCENT STREET, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	5000	Underground	01/01/1987	03/07/2007	

Map Identification Number 249 **ST PATRICKS** **Facility Id: NY09371** **Source: NYC FIRE DEPT**
39-37 28 ST QUEENS, NY 11101 TT-Id: 660A-0009-662

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 588 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 3937 28 ST
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FUEL OIL #4 5000G NO FEE

Map Identification Number 250 **37-15 27 STREET CORP.** **Facility Id: 2-130060** **Source: NYS DEC**
37-15 27 STREET ASTORIA, 11101 TT-Id: 640A-0048-170

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 592 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 3715 27TH STREET
Revised zip code:

Facility Type: Apartment Building/Office Building
Site Status: Active
Expiration Date of the facility's registration certificate: 06/05/2012
Operator Name: SENAD
Operator Phone #: (718) 937-2386

Owner Name: KARL ALAJAJIAN - PRES.
Owner Company: 37-15 TWENTY SEVEN STR. CORPORATION
Owner Type: Corporate or Commercial
Owner Address: 188-06 NORTHEN BLVD., FLUSHING, NY 11358

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	#2 Fuel Oil	4000	Aboveground - In Contact with Soil	02/06/1986		

Map Identification Number 251 **P & A AUTO SERVICE, INC.** **Facility Id: 2-609145** **Source: NYS DEC**
38-09 24TH STREET LONG ISLAND CITY, 11101 TT-Id: 640A-0050-040

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 636 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 3809 24TH STREET
Revised zip code: NO CHANGE

Facility Type: Other
Site Status: Active
Expiration Date of the facility's registration certificate: 07/24/2013
Operator Name: PAOLO MANGINO
Operator Phone #: (718) 706-6059
Owner Name: PAOLO MANGINO - PRES
Owner Company: P & A AUTO SERVICE, INC.
Owner Type: Corporate or Commercial
Owner Address: 38-09 24TH STREET, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Waste Oil/Used Oil	258	Aboveground on Crib Rack or Cradle	06/24/2002		

HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

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

Map Identification Number 252 **NYSDEC Name:** **NATIONAL TESTING LABS** **Facility Id: NYD982720302**

	NYSDEC Address:	27-14 39TH AVENUE	LONG ISLAND CITY, NY 11101	TT-Id: 740A-0040-278
	EPA (RCRA) Name:	KONSTANDT LABS		
	EPA (RCRA) Address:	27-14 39TH AVE	LONG ISLAND CITY, NY 111012791	

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 310 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 2714 39TH AVENUE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: 12/22/1988
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: SIMON LESTER Source Type: Notification Contact Phone: 718-784-8570 Contact Info Date: 12/22/1988

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	110	GALLONS	GENERATED	2000	165	1990
D001	Solid waste that exhibits the characteristic of ignitability	27	POUNDS	GENERATED	2000		
D002	Solid waste that exhibits the characteristic of corrosivity	25	POUNDS	GENERATED	2000		
D003	Solid waste that exhibits the characteristic of reactivity	6	POUNDS	GENERATED	2000		
D004	Arsenic	40	POUNDS	GENERATED	2000		
D009	Mercury	2	POUNDS	GENERATED	2000		
U144	Acetic acid, lead(2+) salt	10	POUNDS	GENERATED	2000		

Map Identification Number 253 **NYSDEC Name:** **NATIONAL TESTING LABS** **Facility Id: NYR000085118**

NYSDEC Address: 39TH AVE LONG ISLAND CITY, NY TT-Id: 740A-0040-282
EPA (RCRA) Name: NATIONAL TESTING LABORATORIES INC
EPA (RCRA) Address: 27-14 39TH AVE - STORAGE LONG ISLAND CITY, NY 11101

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 310 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 2714 39TH AVE
Revised zip code: 11101

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste: Notification date: 03/01/2000
Storer: Treatment facility: Incinerator:
Transporter:
Contact Name: FELIX KONSTANDT Source Type: Implementer Contact Phone: 718-784-2626 Contact Info Date: 01/01/2007
Contact Name: FELIX KONSTANDT Source Type: Notification Contact Phone: 718-784-2626 Contact Info Date: 03/01/2000

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	90	GALLONS	GENERATED	2000		
D001	Solid waste that exhibits the characteristic of ignitability	118	POUNDS	GENERATED	2000		
D002	Solid waste that exhibits the characteristic of corrosivity	20	GALLONS	GENERATED	2000		
D002	Solid waste that exhibits the characteristic of corrosivity	106	POUNDS	GENERATED	2000		
P012	Arsenic oxide As2O3	8	POUNDS	GENERATED	2000		
U012	Benzenamine (I,T)	12	POUNDS	GENERATED	2000		
U120	Fluoranthene	45	POUNDS	GENERATED	2000		
U134	Hydrogen fluoride (C,T)	58	POUNDS	GENERATED	2000		
U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T)	15	POUNDS	GENERATED	2000		

Map Identification Number 254 **NYSDEC Name:** **ACCARDI ELECTRIC MOTOR COMPANY** **Facility Id: NYD012316667**

NYSDEC Address: 25-10 38TH AVENUE LONG ISLAND CITY, NY 11101 TT-Id: 740A-0037-658
EPA (RCRA) Name: ACCARDI ELECTRIC CO INC
EPA (RCRA) Address: 25-10 38TH AVE LONG ISLAND CITY, NY 11101

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 355 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 2510 38TH AVENUE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 11/07/1989
Incinerator:
Transporter:
Contact Name: JACK ACCARDI Source Type: Implementer Contact Phone: 718-937-330 Contact Info Date: 01/01/2007
Contact Name: JACK ACCARDI Source Type: Notification Contact Phone: 718-937-330 Contact Info Date: 11/07/1989

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
F001	Spent halogenated solvents used in degreasing	110	GALLONS	GENERATED	1989		

Map Identification Number 255 **NYSDEC Name:** **ORKIN PEST CONTROL CO INC** **Facility Id: NYD987028198**
NYSDEC Address: 38-31 CRESCENT ST LONG ISLAND CITY, NY 11101 TT-Id: 740A-0040-280
EPA (RCRA) Name: ORKIN PEST CONTROL CO INC
EPA (RCRA) Address: 38-31 CRESCENT ST LONG ISLAND CITY, NY 11101

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 358 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3831 CRESCENT ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 02/17/1993
Incinerator:
Transporter:
Contact Name: ROBERT HAMPTON Source Type: Implementer Contact Phone: 404-888-2624 Contact Info Date: 01/01/2007
Contact Name: ROBERT HAMPTON Source Type: Notification Contact Phone: 404-888-2624 Contact Info Date: 02/17/1993

Historically listed as the following USEPA RCRA Generator Size(s) as well:
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

Map Identification Number 256 **NYSDEC Name:** **ORKIN** **Facility Id: NYP000886580**
NYSDEC Address: 38-31 CRESENT STREET LONG ISLAND CITY, NY 11101 TT-Id: 740A-0040-281

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 358 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 3831 CRESCENT STREET
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	550	POUNDS	GENERATED	1989		
P037	Dieldrin	400	POUNDS	GENERATED	1989		
U036	Chlordane, alpha & gamma isomers	585	POUNDS	GENERATED	1989		
U061	DDT	670	POUNDS	GENERATED	1989		
U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)	100	POUNDS	GENERATED	1989		

Map Identification Number 257 **NYSDEC Name:** **BELCO EQUIPMENT** **Facility Id: NYD986964880**
NYSDEC Address: 38-01 29TH STREET LONG ISLAND CITY, NY 11101 TT-Id: 740A-0040-279
EPA (RCRA) Name: BELCO EQUIPMENT CORP
EPA (RCRA) Address: 38-01 29TH ST LONG ISLAND CITY, NY 11101

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 395 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 3801 29TH STREET
Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Land Disposal:
Storer:
Receives offsite waste:
Treatment facility:
Notification date: 08/18/2003
Incinerator:
Transporter:
Contact Name: GEORGE KAICH Source Type: Implementer Contact Phone: 718-361-1122 Contact Info Date: 01/01/2007
Contact Name: GEORGE KAICH Source Type: Notification Contact Phone: 718-361-1122 Contact Info Date: 08/18/2003

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	110	GALLONS	GENERATED	2003		
D001	Solid waste that exhibits the characteristic of ignitability	774	POUNDS	GENERATED	1996	1503	1992

Map Identification Number 258 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004094306**

NYSDEC Address: 38 AVE & CRESCENT MH17849 QUEENS, NY TT-Id: 740A-0039-241
EPA (RCRA) Name: CON EDISION - M17849
EPA (RCRA) Address: N/S 38TH AVE. 42 E/O CRESCENT QUEENS, NY 10003

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 502 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 38TH AV / CRESCENT ST
Revised zip code: 11101

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: ANTHONY DRUMMINGS Source Type: Implementer Contact Phone: 212-460-3770 Contact Info Date: 06/02/2002
Contact Name: ANTHONY DRUMMINGS Source Type: Annual/Biennial Report Contact Phone: 212-460-3770 Contact Info Date: 05/31/2002

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B003	Petroleum oil or other liquid containing 500 ppm or greater of PCBs.	500	KILOGRAMS	GENERATED	2001		
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	250	KILOGRAMS	GENERATED	2001		

Map Identification Number 259 **NYSDEC Name:** **S G DOR INDUSTRIES LTD** **Facility Id: NYD001509256**

NYSDEC Address: 38-14 30TH ST LONG ISLAND CITY, NY 11101 TT-Id: 740A-0040-277
EPA (RCRA) Name: S G DOR INDUSTRIES LTD
EPA (RCRA) Address: 38-14 30TH ST LONG ISLAND CITY, NY 11101

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 515 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 3814 30TH ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 03/30/1981
Incinerator:
Transporter:
Contact Name: STANLEY GRANDIS Source Type: Notification Contact Phone: 718-361-7474 Contact Info Date: 03/30/1981

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	Site reported by US EPA. No hazardous waste activity reported by NYS.						

Map Identification Number 260 **NYSDEC Name:** **KERNS MANUFACTURING CORPORATION** **Facility Id: NYD001288810**

NYSDEC Address: 37-14 29TH STREET LONG ISLAND CITY, NY 11101 TT-Id: 740A-0037-610
EPA (RCRA) Name: KERNS MFG CORP
EPA (RCRA) Address: LONG ISLAND CITY LONG ISLAND CITY, NY 11101

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 585 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 3714 29TH STREET
Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 08/30/1984
Incinerator:
Transporter:
Contact Name: REINER AUMAN Source Type: Notification Contact Phone: 718-784-4044 Contact Info Date: 08/30/1984

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR
SMALL QUANTITY GENERATOR

US EPA RCRA Violations:
Violation Type: Generators - General
Violation Number: 0001 Location: NY
Former Citation:
Responsible Agency: STATE
Violation Determination Date: 03/20/1990
Violation Return to Compliance: 07/09/1990

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D009	Mercury	300	POUNDS	GENERATED	2009	604	2007
D011	Silver	60	POUNDS	GENERATED	2005		
F002	Spent halogenated solvents	550	GALLONS	GENERATED	2003	735	1999
D002	Solid waste that exhibits the characteristic of corrosivity	3	GALLONS	GENERATED	1996	165	1994
D011	Silver	5	GALLONS	GENERATED	1996		
F001	Spent halogenated solvents used in degreasing	330	GALLONS	GENERATED	1993		
F001	Spent halogenated solvents used in degreasing	1200	POUNDS	GENERATED	1990		

Map Identification Number 261 **NYSDEC Name:** **REPUBLIC ELEVATOR CO INC** **Facility Id: NYD987031994**
NYSDEC Address: 38-19 24TH ST QUEENS, NY 11103 TT-Id: 740A-0039-738
EPA (RCRA) Name: REPUBLIC ELEVATOR CO INC
EPA (RCRA) Address: 38-19 24TH ST QUEENS, NY 11103

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 624 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 3819 24TH ST
Revised zip code: 11101

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 04/02/1993
Incinerator:
Transporter:
Contact Name: FRANK FALZONE Source Type: Notification Contact Phone: 718-781-6363 Contact Info Date: 04/02/1993

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR

NONE Site reported by US EPA. No hazardous waste activity reported by NYS.

Map Identification Number 262 **EPA (RCRA) Name:** **TRI CITY WASTE OIL** **Facility Id: NYD980776884**

EPA (RCRA) Address: 38-31 30TH ST LONG ISLAND CITY, NY 11101 TT-Id: 740A-0058-702
NYSDEC Name: TRI CITY WASTE OIL CORP
NYSDEC Address: 76-36 164 ST FLUSHING, NY 11366

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 648 feet to the SE

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

Special Note: The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR Notification date: 09/12/1984
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter: No current info -- Previously reported
Contact Name: PETER DINOVI Source Type: Notification Contact Phone: 718-721-5393 Contact Info Date: 09/12/1984
Contact Name: MAUREEN C DINOVI Source Type: Annual/Biennial Report Contact Phone: 718-721-5393 Contact Info Date: 05/20/1998

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D001	Solid waste that exhibits the characteristic of ignitability	125	GALLONS	GENERATED	2003		
F002	Spent halogenated solvents	6300	GALLONS	GENERATED	1997		
X722	Unknown waste type.	12800	GALLONS	GENERATED	1986		

Map Identification Number 263 **NYSDEC Name:** **ADVANCE ELECTRIC** **Facility Id: NYD987037744**

	NYSDEC Address:	38-01 24TH ST	LONG ISAND CITY, NY 11101 TT-Id: 740A-0038-172
	EPA (RCRA) Name:	ADVANCE AUTO ELECTRIC LTD	
	EPA (RCRA) Address:	38-01 24TH ST	LONG ISLAND CITY, NY 11101

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 649 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 3801 24TH ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: 07/20/1993

Land Disposal:	Receives offsite waste:	Incinerator:
Storer:	Treatment facility:	Transporter:

Contact Name: EDWARD SCHNITZLER	Source Type: Implementer	Contact Phone: 718-361-1645	Contact Info Date: 01/01/2007
Contact Name: EDWARD SCHNITZLER	Source Type: Notification	Contact Phone: 718-361-1645	Contact Info Date: 07/20/1993

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	369	POUNDS	GENERATED	1998	369	1996

NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

NO HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

AIR DISCHARGE FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

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

Map Identification Number 264 **KERNS MANUFACTURING CORP** **Facility Id: NY081X1UA** **State-county CDS Id:**
3714 29TH ST LONG ISLAND CITY, NY 111012690 State-county NED id: 36081X1UA
EPA (FINDS) Name: KERNS MFG CORP. TT-ID: 900A-0005-599
EPA (FINDS) Address: 37-14 29 STREET QUEENS 11101

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 611 feet to the NE

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

CDS-ID: None Given NED-ID: X1UA EPA-ID: NYD001288810 FINDS-ID: NYD001288810
Plant Phone #1: None Given Plant Phone #2: (718)784-4044
Operating Status:
EPA Classification:
State Classification:
EPA Plant Compliance Status:
State Plant Compliance Status:

AIR PROGRAM INFORMATION
No air program information given.

POLLUTANT INFORMATION
No air pollutant information given.

NO CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS - "E" DESIGNATION SITES IDENTIFIED WITHIN 250 FT SEARCH RADIUS

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

Map Identification Number 265 **BLOCK: 386 LOT: 23** **TT-Id: 820A-0005-677**
38-20 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0023	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 266 **BLOCK: 386 LOT: 25** **TT-Id: 820A-0005-678**
38-26 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 38 feet to the SW*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0025	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 267 **BLOCK: 386 LOT: 20** **TT-Id: 820A-0005-676**
38-12 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 60 feet to the NNE*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0020	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 268 **BLOCK: 386 LOT: 19** **TT-Id: 820A-0005-675**
38-10 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 108 feet to the NNE*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0019	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 269 **BLOCK: 386 LOT: 6** **TT-Id: 820A-0005-667**
38-19 27 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 108 feet to the NW*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0006	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 270 **BLOCK: 386 LOT: 5** **TT-Id: 820A-0005-666**
38-21 27 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 109 feet to the WNW*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0005	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 271 **BLOCK: 386 LOT: 4** **TT-Id: 820A-0005-665**
38-23 27 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 114 feet to the WNW*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0004	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 272 **BLOCK: 386 LOT: 3** **TT-Id: 820A-0005-664**
38-25 27 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 122 feet to the W*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0003	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 273 **BLOCK: 386 LOT: 7** **TT-Id: 820A-0005-668**
38-11 27 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 124 feet to the NNW*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0007	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 274 **BLOCK: 386 LOT: 30** **TT-Id: 820A-0005-679**
28-17 39 AVENUE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 143 feet to the SW*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0030	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 275 **BLOCK: 386 LOT: 31** **TT-Id: 820A-0005-680**
27-15 39 AVENUE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 146 feet to the SW*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0031	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 276 **BLOCK: 385 LOT: 5** **TT-Id: 820A-0005-659**
38-23 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 149 feet to the SE*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00385-0005	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 277 **BLOCK: 386 LOT: 32** **TT-Id: 820A-0005-681**
27-11 39 AVENUE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 153 feet to the SW*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0032	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 278 **BLOCK: 386 LOT: 17** **TT-Id: 820A-0005-674**
38-04 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 155 feet to the NNE*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0017	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 279 **BLOCK: 385 LOT: 4** **TT-Id: 820A-0005-658**
38-27 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 156 feet to the SE*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00385-0004	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 280 **BLOCK: 385 LOT: 3** **TT-Id: 820A-0005-657**
38-29 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 164 feet to the SSE*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00385-0003	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 281 **BLOCK: 386 LOT: 12** **TT-Id: 820A-0005-669**
38-07 27 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 164 feet to the N*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0012	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 282 **BLOCK: 386 LOT: 13** **TT-Id: 820A-0005-670**
38-05 27 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 176 feet to the N*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0013	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 283 **BLOCK: 385 LOT: 2** **TT-Id: 820A-0005-656**
38-31 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 177 feet to the SSE*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00385-0002	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water Exhaust stack location limitations Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 284 **BLOCK: 386 LOT: 16** **TT-Id: 820A-0005-673**
38-02 28 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 180 feet to the NNE*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0016	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 285 **BLOCK: 386 LOT: 14** **TT-Id: 820A-0005-671**
38-03 27 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 189 feet to the N*

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0014	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 286 **BLOCK: 385 LOT: 1** **TT-Id: 820A-0005-655**
28-01 39 AVENUE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 205 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00385-0001	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 287 **BLOCK: 386 LOT: 15** **TT-Id: 820A-0005-672**
38-01 27 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 207 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00386-0015	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 288 **BLOCK: 385 LOT: 32** **TT-Id: 820A-0005-663**
28-09 39 AVENUE

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 231 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00385-0032	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 289 **BLOCK: 385 LOT: 22** **TT-Id: 820A-0005-662**
382O 29 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 247 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00385-0022	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

Map Identification Number 290 **BLOCK: 385 LOT: 21** **TT-Id: 820A-0005-661**
38-16 29 STREET

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 249 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: No Change
Revised zip code: No Change

BBL #	E No.	CEQR No.	ULURP No.	NYC Zoning Maps	Effective Date	Lot Remediation Date	Description
4-00385-0021	E-218	08DCP021Q	080429ZMQ	9b	10/07/2008		Hazardous Materials Phase I and Phase II Testing Protocol

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) SPILLS
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
38-20 28th St
Long Island City, NY 11101

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

NEW YORK STATE DEPARTMENT OF HEALTH RADON DATA
FOR THE ZIPCODE OF:
11101

NUMBER OF HOMES TESTED	AVERAGE FOR THE ZIP	STANDARD DEVIATION	MAXIMUM READING FOR THE ZIP
2	0.65 PCI/LITER	2.34 PCI/LITER	1.0 PCI/LITER

 March 22, 2012 '38-20 28th St'

Unmappable facilities for 'Queens' County

NPL/CERCLIS/NYSDEC Inactive Haz. Waste or Reg. Qual. Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYD980531610	MATHESON LEAD CO	559 VERNON AVE	LONG ISLAND CITY	UNKNOWN

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
41D01	NY NEWS GRAVURE PLANT			UNKNOWN
41D03	CAPITAL PROJECT SE-43A			UNKNOWN
41D04	MTA DEMO SITE			UNKNOWN
41T43	SALVATORE RUSSO INC.			UNKNOWN
41T58	BERLIN WRECKING			11412
41T63	LIZZA, LIZZA, HOCHREITER			UNKNOWN
41W94	ST JOHN ENTERPRISES INC			UNKNOWN
41W96	FAR ROCKAWAY EQUIPMENT CO			UNKNOWN
41W87	C & H SAND & STONE, CORP.	21-16 JACKSON AVE.	LONG ISLAND CITY	UNKNOWN
		TOLEDO ST.	QUEENS	UNKNOWN
		WOODHAVEN BLVD	QUEENS	UNKNOWN
		STANLEY AVE. & 131 ST.	QUEENS	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1105389	EAST 13TH ST & ASTORIA ANNEX SUBSTATIONS	BETWEEN 2 STATIONS	MANHATTAN/QUEENS	UNKNOWN
1104351	TRENCH	FRONT OF 59-21 TALLAWAY	QUEENS	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
0804527	CON ED SUB STATION	39-11 39TH AVE	LONG ISLAND	UNKNOWN
9512501	FEEDER 28243M	ASTORIA W TO QBRIDGE S/S	QUEENS	UNKNOWN
8403999	12TH ST/47TH AVE	12TH ST/47TH AVE	QUEENS	UNKNOWN

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8801577	SCORE GAS STATION	34 STATE RD	NEW YORK CITY	UNKNOWN
9307407	WEST OF MASPETH	WEST OF MASPETH	QUEENS	UNKNOWN

Hazardous Spills - TANK TEST FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9305924	QUEENSBRIDGE PLANT B	41001 12TH STREET	LONG ISLAND CITY	11101
9009185	QUEENSBRIDGE PLANT B	41001 12TH STREET	NEW YORK CITY	11101
8709682	CLOSED-LACKOF RECENT INFO	39017 40TH AVENUE	QUEENS	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9815350	FEEDER 28244	BTW ASTORIA 20TH AVE		UNKNOWN
8606300				UNKNOWN
0811777	VARIOUS SITES	VARIOUS SITES		UNKNOWN
0209904	VARIOUS DEP -BWSO SITES	MISC.	BRONX/QUEENS/MANHATTAN	UNKNOWN
0503008	TRUCK LEAK	N SIDE MERIDIAN RD/60' E	BROOKLYN	UNKNOWN
0807516	MANHOLE 18913	79-35 68TH FRESH MEADOW	FRESH MEADOW	UNKNOWN
9205353	JACKSON AVE/21 ST/44TH DR	21 ST/JACKSON/PULASKI BR	LONG ISLAND CITY	11101
0402307		27TH ST	LONG ISLAND CITY	UNKNOWN
0400453	EAST RIVER	AREA OF 37TH ST	LONG ISLAND CITY	11101
0003107	29TH ST & GREENPOINT AVE	29TH ST & GREENPOINT AVE	LONG ISLAND CITY	11101
8907107	11TH ST/QUEENS/TEL-A-CAR	11TH STREET	NEW YORK CITY	UNKNOWN
8809899	MASPETH CROSSING/QUEENS	MASPETH CROSSING/JAMAICA	NEW YORK CITY	UNKNOWN

8703250	BETWEEN 31ST & 57TH STREE	BETWEEN 31ST & 57TH STS.	NEW YORK CITY	UNKNOWN
8602256	WOODSIDE QUEENS, NEW YORK	WOODSIDE	NEW YORK CITY	UNKNOWN
0310131	LOWER LAYEL BLVD	LOWER LAYEL BLVD	NEW YORK CITY	UNKNOWN
0209218	COLEMAN ISLAND REG #30	COLEMAN ISLAND	NEW YORK CITY	UNKNOWN
9906336	MANHOLE #14034	UNION TPK & 13TH ST	QUEENS	UNKNOWN
9905377	JACKSON AVE &	54TH AVE	QUEENS	11101
9614951	QUEENSBRIDGE HOUSING	41-01 12TH ST	QUEENS	11101
9604147	QUEENSBRIDGE HOUSES	41-01 12TH ST	QUEENS	11101
9502637	UNK	7 MIDLAND GARDEN	QUEENS	UNKNOWN
9400359	35 AVENUE	35 AVENUE	QUEENS	UNKNOWN
9105459	11TH STREET BASIN	11TH STREET BASIN	QUEENS	UNKNOWN
8503726	QUEENS	QUEENS	QUEENS	UNKNOWN
8000260			QUEENS	UNKNOWN
7901404	SUBWAY-NORTHERN BLVD.	SUBWAY-NORTHERN BLVD.	QUEENS	UNKNOWN
7801404	MIDLAND TAXI,SBWY-MIDLND.	MIDLAND TAXI,SBWY-MIDLND.	QUEENS	UNKNOWN
7800519	DREDGE PENNSYLVANIA	DREDGE PENNSYLVANIA	QUEENS	UNKNOWN
1107645	ROAD	EAST SERVICE RD WHITESTONE EXPRESS WAY	QUEENS	UNKNOWN
1012880	MAN HOLE	21ST STREET AND 88TH AVE	QUEENS	UNKNOWN
1010763	TO ROADWAY	147TH AND SOUTHFORT AVE	QUEENS	UNKNOWN
1010093	QUEENS BRIDGE PARK	CRNR OF VENNA AND 41ST	QUEENS	11101
0913652	QUEENS SUBWAY STATION R&V	36TH STREET STATION	QUEENS	UNKNOWN
0910003	STREET	911 CHAD CREEK ROAD-OFF OF POLE 67248	QUEENS	UNKNOWN
0908879	ROCKAWAY WATER POLLUTION CONTROL PLANT	UNK	QUEENS	UNKNOWN
0903427	SERVICE BOX 56465	CHESTNUT ST & FULTON ST	QUEENS	UNKNOWN
0810679	TRANSFORMER VAULT VS8802	42-27 FRANKLIN AVE	QUEENS	UNKNOWN
0803582	RAIN CAUSED DRIP PAN TO OVERFLOW	CORONA SUBSTATIONS 1&2.	QUEENS	UNKNOWN
0609105	CITGO STATION	WALDEN /SOUTH VANDORN	QUEENS	UNKNOWN
0604991	CLEARVIEW PUMP STATION	CLEARVIEW PUMP STATION	QUEENS	UNKNOWN
0506482	MANHOLE 13970	41ST AVE SOUTH SIDE	QUEENS	UNKNOWN
0500534	MAN HOLE 14954	CARWELL AVE	QUEENS	UNKNOWN
0330035	FRESH MEADOWS RESIDENTIAL	COMMUNITY & COMMERCIAL	QUEENS	UNKNOWN
0306622	TRANSFORMER SHOP	BLD 82 ASTORIA	QUEENS	UNKNOWN
0305680	MH 1254	QUEENS BOULEVARD	QUEENS	UNKNOWN
0112087	MANHOLE 8309	EAST SIDE SERVICE ROAD	QUEENS	UNKNOWN
0110190	MAN HOLE #10370	11TH ST AND 5TH AVE	QUEENS	UNKNOWN
0105756	MANHOLE #13144	SERVICE RD	QUEENS	UNKNOWN
0010608	BUILDING	4051 TENMAN ST	QUEENS	UNKNOWN
0004925	NYC DEPT OF DESIGN/CONST.	360 BEECH ST	QUEENS	UNKNOWN
1103087	TEST	TEST	TEST	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
1008388	SUBSTATION	1410 31ST ST	ASTORIA	UNKNOWN
1110867	DRILL DRILL DRILL	DRILL DRILL DRILL	DRILL DRILL DRILL	UNKNOWN
9312649	BET. 36TH & 37TH ST.	BET. 36TH & 37TH ST	LONG ISLAND CITY	UNKNOWN
9108276	53-01 WOOSLEY STATION	53-01 WOOSLEY STATION	LONG ISLAND CITY	11101
8906526	QUEENSBRIDGE HOUSES	41-01 12TH STREET	LONG ISLAND CITY	11101
1009729	RAIL YARD	35- HONEYWELL	LONG ISLAND CITY	UNKNOWN
0901230	SUBWAY SYSTEM TRACK D3	QUEENS PLAZA STATION	LONG ISLAND CITY	11101
0302538	GETTY TERMINAL	LONG ISLAND CITY	LONG ISLAND CITY	UNKNOWN
1007991	UNKNOWN	16-08 ELLIOT AVE	MIDDLE VILLAGE	UNKNOWN
1009678	LAGUARDIA	GATE 42	NEW YORK	UNKNOWN
9909841	TM 6003	EAST 111 ST & ASTORIA	NEW YORK CITY	UNKNOWN
9707611	LIRR	5505 E OF 37 SIGNAL BRIDG	NEW YORK CITY	UNKNOWN
9101903	W SIDE OF SOUTH ST/QUEENS	WEST SIDE OF SOUTH ST	NEW YORK CITY	UNKNOWN
8807017	422 SOUTHERN BLVD/QUEENS	422 SOUTHERN BLVD	NEW YORK CITY	UNKNOWN
8600826	40 RD PUMP STA. BYPASS5/2	40 ROAD PUMPING STATION	NEW YORK CITY	UNKNOWN
9904670	ROCKLAND VBLVD AND	132 2ND AVE POLE 78727	QUEENS	UNKNOWN
9814706	MANHOLE 722	NORTH SIDE 37TH AVE	QUEENS	UNKNOWN
9608207	200 24TH ST	200 24TH ST	QUEENS	UNKNOWN

9507292	115-104 22ND ST	115-104 22ND ST	QUEENS	UNKNOWN
9500161	154-02 154TH ST/151 21 ST	154002 154TH ST/151 21 ST	QUEENS	UNKNOWN
9400010	QUEENSBRIDGE PLANT B	41-01 12TH STREET	QUEENS	11101
9312483	RUNWAY CHANNEL	RUNWAY CHANNEL	QUEENS	UNKNOWN
9311790	1/4 NORTH SUBWAY BR IN	1/4 NORTH SUBWAY BR IN	QUEENS	UNKNOWN
9305013	29TH STREET	29TH STREET	QUEENS	UNKNOWN
9013326	RAINEY TO DUNWOODIE S/S	RAINEY TO DUNWOODIE S/S	QUEENS	UNKNOWN
1009717	ASTORIA WEST SUBSTATION/QUEENS BRIDGE STATION	20TH AVE & 21ST ST/22-09 39TH AVE	QUEENS	UNKNOWN
1007778	CON ED	261-09 EAST WILKSON AVE	QUEENS	UNKNOWN
1003895	OVERHEAD TRANSFORMER	69-13 159TH	QUEENS	UNKNOWN
1003227	OVERHEAD TRANS. POLE 34022	98-10 FARRAGUT	QUEENS	UNKNOWN
1002463	ROADWAY	30-83 AND 42END ST	QUEENS	UNKNOWN
0813432	SOUTH WEST CORNER OF WESSON STREET AND	QUEENS PLAZA SOUTH	QUEENS	11101
0806928	CON ED ASTORIA YARD	27TH STREET & 13TH AVE	QUEENS	UNKNOWN
0806588	BOWRY BAY 006/SHEA STADIUM	NORTHERN BLVD	QUEENS	UNKNOWN
0604654	20 GAL DIESEL IN STREET & DRAIN	19 AVENUE & 38 AVENUE	QUEENS	UNKNOWN
0514995	VEHICLE 60790 LOST ANTIFREEZE	NORTHERN BLVD & LOOP ROAD	QUEENS	UNKNOWN
0504473	NYC TRANSIT BUS	47TH & QUEENS EXPRESS	QUEENS	UNKNOWN
0503136	STREET SPILL	NORTHERN BLVD / 177TH ST	QUEENS	UNKNOWN
0412927	ON A BOAT OFF OF DAVIS IS	UNKNOWN STREET	QUEENS	UNKNOWN
0404394	MANHOLE # 9669	SOUTHSIDE NORTHERN BLVD 1	QUEENS	UNKNOWN
0402734	DRUM RUN	1111-02 QUEENS BLVD	QUEENS	UNKNOWN
0308046		58TH ST AND VANDAM AV	QUEENS	11101
0300052	MAN HOLE # 9029	18TH AVE / 21ST ST	QUEENS	11105
0011811	36TH STREET AND WOODHAVEN	BLVD TRACK D1	QUEENS	UNKNOWN
0011145	PLANT B	1401 12 ST	QUEENS	11101
0006934	RIVLAB TRANSPORTATION	6202 ALVINA AVE	QUEENS	UNKNOWN
0003123	MANHOLE 8418	NORTHERN BLVD	QUEENS	UNKNOWN
0908116	SIMPSON RESIDENCE	103-0218 PLACE	QUEENS VILLAGE	UNKNOWN
0806425	POLE #89064	93-09 22ND ST	QUEENS VILLAGE	UNKNOWN

Hazardous Waste Generation or Transport Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYP000007120	CONSOLIDATED EDISON CO	BUS SEC 4WFARRAJAT S/S		UNKNOWN
NYP004001798	CONSOLIDATED EDISON CO	BOWY V5925		UNKNOWN
NYP004002416	CONSOLIDATED EDISON CO MH03749	SS LIBERTY SECAND CRESCENT ST		UNKNOWN
NYP004002895	CONSOLIDATED EDISON CO	29TH STREET V3685		UNKNOWN
NYP004017489	CONSOLIDATED EDISONCO	TAP C - 71ST SUBSTATION		UNKNOWN
NYP004018982	CONSOLIDATED EDISON CO	MH9627 HARRISON STA		UNKNOWN
NYP004019048	CONSOLIDATED EDISON CO	TRANS#1 HARRISON S/S		UNKNOWN
NYP004019275	CONSOLIDATED EDISON CO	MH51217		UNKNOWN
NYP004019683	CONSOLIDATED EDISON CO	124-153 CAVE		UNKNOWN
NYP004019766	CONSOLIDATED EDISON CO	V462 WILLIAM ST		UNKNOWN
NYP004019899	CONSOLIDATED EDISON CO	V909 VARL & JACKSON		UNKNOWN
NYP004020129	CONSOLIDATED EDISON CO	MAIN BODY - OAKWOOD S/S		UNKNOWN
NYP004020616	CONSOLIDATED EDISON CO	437 FALSE ST		UNKNOWN
NYP004021010	CONSOLIDATED EDISON CO	#5717 IBM POST RD		UNKNOWN
NYP004022059	CONSOLIDATED EDISON CO	V1708 5 BWAY MAN		UNKNOWN
NYP004022067	CONSOLIDATED EDISON CO	MH22404 VAN		UNKNOWN
NYP004022711	CONSOLIDATED EDISON CO	#5001 BAWT & ODELL AVE		UNKNOWN
NYP004024139	CONSOLIDATED EDISON CO	V8469		UNKNOWN
NYP004024576	CONSOLIDATED EDISON CO	OPEN EXCAVATION22-3441 ST		UNKNOWN
NYP004025342	CONSOLIDATED EDISON CO	VS7865		UNKNOWN
NYP004026019	CONSOLIDATED EDISON CO	MH2246		UNKNOWN
NYP004026845	CONSOLIDATED EDISON CO	MH15520		UNKNOWN
NYR000106872	LONG ISLAND RAILROAD	278 PARK AVE	HOLLIS	UNKNOWN
NYP004026266	CONSOLIDATED EDISON	COMH15523	LIC	UNKNOWN
NYD000953018	LONG ISLAND RAILROAD CONT #25-0-008	DB BRIDGE	LONG ISLAND CITY	UNKNOWN
NYP000868661	NYSDEC	NORTH HILL	LONG ISLAND CITY	UNKNOWN
NYP000937813	BELL ATLANTIC-NY	25/CRESCENTS SRS	LONG ISLAND CITY	UNKNOWN

NYP004010591	CONSOLIDATED EDISON CO OF NY INC	(NO STREET ADDRESS IN CONVERSION)	LONG ISLAND CITY	UNKNOWN
NYP004120168	CONSOLIDATED EDISON	4 IRVING PL RM 828	LONG ISLAND CITY	11100
NYR000110577	NYCTA ENVRIO ENG DIV	ASTORIA LIND	LONG ISLAND CITY	11101
NY0000010363	NYCDOT	N/S	N/S	UNKNOWN
NYP000957712	VERIZON NEW YORK INC MANHOLE	29TH STREET	NEW YORK	UNKNOWN
NYP000957829	VERIZON NEW YORK INC MANHOLE	SE COR 39TH AVE	NEW YORK	UNKNOWN
NYP000958678	VERIZON NEW YORK INC. MANHOLE	41ST	NEW YORK	UNKNOWN
NYP000960104	VERIZON NEW YORK INC.	NORTH OF 38 AVENUE MANHOLE	NEW YORK	UNKNOWN
NYP004017323	CONSOLIDATED EDISON	FRONT OF 2373 QUEENS PKWY	NEW YORK	UNKNOWN
NYP004021945	CONSOLIDATED EDISON	#4694545 WILLY	NEW YORK	UNKNOWN
NYP004022372	CONSOLIDATED EDISON	V743444 & 21ST	NEW YORK	UNKNOWN
NYP004022745	CONSOLIDATED EDISON	#8519151AVE & 84ST	NEW YORK	UNKNOWN
NYP004134565	CONSOLIDATED EDISON	MH26084-CARPENTER AVE	NEW YORK	UNKNOWN
NYP004019329	CONSOLIDATED EDISON CO	#4578 E29	NEWKIRK	UNKNOWN
NYP000930321	CONSOLIDATED EDISON	N/S	QUEENS	UNKNOWN
NYP000930529	CONSOLIDATED EDISON CO	V1099-1685 FRANHOLM AVE	QUEENS	UNKNOWN
NYP004000121	CONSOLIDATED EDISON	V10829-2255 MENAUTO BLVD	QUEENS	UNKNOWN
NYP004000634	CONSOLIDATED EDISON	V7176-WEST HILL APARTMENTS	QUEENS	UNKNOWN
NYP004002937	CONSOLIDATED EDISON	V0466 - WEBSTER AVE	QUEENS	UNKNOWN
NYP004004461	CONSOLIDATED EDISON	N/S	QUEENS	UNKNOWN
NYP004004677	CONSOLIDATED EDISON	N/S	QUEENS	UNKNOWN
NYP004004925	CONSOLIDATED EDISON	VAULT #0442 - 1548	QUEENS	UNKNOWN
NYP004005377	CONSOLIDATED EDISON	2373 - 1965 LAFAYETTE	QUEENS	UNKNOWN
NYP004006003	CONSOLIDATED EDISON	#5289 - 275 KENSTO DR	QUEENS	UNKNOWN
NYP004006318	CONSOLIDATED EDISON	V5014 - W.F. ADMIN BLDG	QUEENS	UNKNOWN
NYP004006763	CONSOLIDATED EDISON	V9736 - SO. MOYER & BRITTON	QUEENS	UNKNOWN
NYP004006847	CONSOLIDATED EDISON	V5034 - MASTERS	QUEENS	UNKNOWN
NYP004006904	CONSOLIDATED EDISON	V1903 - ALLINGTON	QUEENS	UNKNOWN
NYP004007308	CONSOLIDATED EDISON	MH 3924 - PALMER FERN. TER	QUEENS	UNKNOWN
NYP004007910	CONSOLIDATED EDISON	V 1296C - PASCAP	QUEENS	UNKNOWN
NYP004008248	CONSOLIDATED EDISON	N/S	QUEENS	UNKNOWN
NYP004008603	CONSOLIDATED EDISON	V 2113 - CLINTON 17051	QUEENS	UNKNOWN
NYP004008785	CONSOLIDATED EDISON	MH 2631	QUEENS	UNKNOWN
NYP004009320	CONSOLIDATED EDISON	TRANSP F/O 17 & 34ST	QUEENS	UNKNOWN
NYP004009775	CONSOLIDATED EDISON	MH 12060	QUEENS	UNKNOWN
NYP004010059	CONSOLIDATED EDISON	39 AVE & 308 ST	QUEENS	UNKNOWN
NYP004010971	CONSOLIDATED EDISON	V 0038 - 3020 WEBSTER AVE	QUEENS	UNKNOWN
NYP004012514	CONSOLIDATED EDISON	16 - SHERWOOD PARK	QUEENS	UNKNOWN
NYP004013421	CONSOLIDATED EDISON	V 5823 - 101 ST	QUEENS	UNKNOWN
NYP004015848	CONOLIDATED EDISON	116-02 KAVE	QUEENS	UNKNOWN
NYP004016424	CONSOLIDATED EDISON	V4325-ASTORIA GAS HOUSE	QUEENS	UNKNOWN
NYP004017091	CONSOLIDATED EDISON	V7486-CRESCENT STREET BWAS	QUEENS	UNKNOWN
NYP004022679	CONSOLIDATED EDISON	V97961 CLAREMONT	QUEENS	UNKNOWN
NYP004023016	CONSOLIDATED EDISON	MH184490-	QUEENS	UNKNOWN
NYP004023438	CONSOLIDATED EDISON	7119 85 BEECHNUT	QUEENS	UNKNOWN
NYP004024428	CONOLIDATED EDISON	MH 16165	QUEENS	UNKNOWN
NYP004024642	CONSOLIDATED EDISON	MH35319	QUEENS	UNKNOWN
NYP004024758	CONSOLIDATED EDISON	MH156 435 SO CITYLINE ST	QUEENS	UNKNOWN
NYP004024881	CONSOLIDATED EDISON	WEST AVE & HEJVEY PL	QUEENS	UNKNOWN
NYP004025881	CONSOLIDATED EDISON	WEST AVE & HOJVEY PLFEED 7	QUEENS	UNKNOWN
NYP004026407	CONOLIDATED EDISON	MH56240	QUEENS	UNKNOWN
NYP004026647	CONSOLIDATED EDISON	V6802 1 STATE ST	QUEENS	UNKNOWN
NYP004032801	CONSOLIDATED EDISON	V0657-HUNTERS POINT PLAZA	QUEENS	11101
NYP004036935	CONSOLIDATED EDISON	V8505-HUNTERS PT BLVD	QUEENS	11101
NYP004042552	CONSOLIDATED EDISON	MH2508-31ST AVE	QUEENS	UNKNOWN
NYP004092276	CONSOLIDATED EDISON	150 & FORD VS5005	QUEENS	UNKNOWN
NYP004130340	CONSOLIDATED EDISON	GROUND SMITH DOUGLASTON #1	QUEENS	UNKNOWN
NYP004196176	CONSOLIDATED EDISON	135-26 ARCKLING ST MH 11295	QUEENS	UNKNOWN
NYP004217232	CONSOLIDATED EDISON	US POWER GEN GUARD SHACK	QUEENS	UNKNOWN
NYP004217240	CONSOLIDATED EDISON	US POWER GEN PARKING LOT	QUEENS	UNKNOWN

NYP004240859	CONED		710-205 ELDERWOOD ST	QUEENS	UNKNOWN
NYP980593636	CONSOLIDATED EDISON		21557 SHEMAN BLVD EXT	QUEENS	UNKNOWN
NYR000056762	NYSDOT		MID TOWN TUNNEL	QUEENS	11101
NYR000110601	NYCTA-CPM ENV ENGINEERING DIV		ASTORIA LINE 13 CNTS 243-314	QUEENS	UNKNOWN
NYP004002709	CONSOLIDATED EDISON			T/A450	UNKNOWN

Historic Utility Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
CE276			QUEENS	11101

Hazardous Substance Waste Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NY0362	HUNTERS POINT DEVELOPMENT	U	NEW YORK CITY	11101

Wastewater Discharges

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYU000079	BEST CONCRETE MIX CORP.			UNKNOWN
NYU900062	FEDERAL EXPRESS			UNKNOWN
NYU900079	BEST CONCRETE MIX CORP			UNKNOWN

Air Releases

FACILITY ID	FACILITY NAME		STREET	CITY	ZIP
3608100612	ALERT METAL FINISH		991 PECONIC AVE	GLENDALE	UNKNOWN
3608102022	ALERT METAL FINISHING		991 PECONIA AVENUE	GLENDALE	UNKNOWN
3608100835	ERRA SCRAP METALS		37-35 STREET	LONG ISLAND CITY	11101
NY081X0YU	COMPANY MOVED		29-10	LONG ISLAND CITY	11101
3688800011	USCG-LIGHT STATION		AMBROSE	NEW YORK	UNKNOWN
NY081X1L5	CRYDER ASSOCIATES LTD	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY081X4KU	COSMOPOLITAN ASSOC	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY081X72J	A & K REALTY	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
3608100139	NY JOB CORPS CENTER		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100140	NAVY RESRVE TRAINING		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100693	ASTORIA AL & BR		NO STREET ADDRESS	QUEENS	UNKNOWN
NY0813893	NEWTOWN REFINING CO INC		1	QUEENS	UNKNOWN

Civil & Admin. Enforcement Docket Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYD056410178	DARS MET ALL INDUSTRIES INC		LONG ISLAND CIT	11101
NYD991290958	AAA OIL POLLUTION SPECIALISTS	40 CRESCENT ST	LONG ISLAND CIT	11101

Hazardous waste codes presented in individual Toxic Information Profiles are defined below.

B003 Petroleum oil or other liquid containing 500 ppm or greater of PCBs.

B007 Other PCB Wastes including contaminated soil, solids, sludges, clothing, rags, and dredge material.

D001 Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.

D002 Solid waste that exhibits the characteristic of corrosivity, but is not listed under any other hazardous waste code.

D003 Solid waste that exhibits the characteristic of reactivity, but is not listed under any other hazardous waste code.

D004 Arsenic

D008 Lead

D009 Mercury

D011 Silver

F001 The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

F002 The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

P012 Arsenic oxide As2O3

P037 Dieldrin

U012 Benzenamine (I,T)

U036 Chlordane, alpha & gamma isomers

U061 DDT

U120 Fluoranthene

U129 Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)-

U134 Hydrogen fluoride (C,T)

U144 Acetic acid, lead(2+) salt

U162 2-Propenoic acid, 2-methyl-, methyl ester (I,T)

X722

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a digital version of the U. S. Census map or those used by local authorities using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each Toxic Site Profile, along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12 Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a digital version of the street or parcel map. These site locations are identified with the method used to map them.

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

2) Some toxic sites are located using map coordinates provided by site owners/ operators or government agencies. These site locations are identified "map coordinate." Map coordinates for Toxic Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect.

or Manual Mapping

or Site Visit

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Environmental Reports contain government and other information compiled on 21 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **National Priority List for Federal Superfund Cleanup:** Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. Also includes delisted NPL sites.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
Data attributes updated from: 1/13/2012. Data obtained by Toxics Targeting: 1/13/2012.
New Facilities updated through: 1/13/2012. Data obtained by Toxics Targeting: 1/13/2012.

2) **Inactive Hazardous Waste Disposal Site Registry:** New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. Also included are sites that qualify for possible inclusion on the Registry. These Registry Qualifying sites may or may not be on the Site Registry.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data attributes updated through: 12/23/2011. Data obtained by Toxics Targeting: 12/23/2011.
New Facilities updated to: 12/23/2011. Data obtained by Toxics Targeting: 12/23/2011.

3) **Corrective Action Activity (CORRACTS):** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]
Data attributes updated through: 3/13/2012. Data obtained by Toxics Targeting: 3/16/2012.
New facilities updated through: 11/9/2011. Data obtained by Toxics Targeting: 12/14/2011.

4) **CERCLIS:** Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. Includes Active and No Further Remedial Action Planned (NFRAP) sites.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
Data attributes updated through: 1/9/2008. Data obtained by Toxics Targeting: 3/12/2008.
New Facilities updated through: 1/9/2008. Data obtained by Toxics Targeting: 3/12/2008.

5) **Brownfield Programs:** NYS programs for sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.
ASTM required.* Source: New York State Department of Environmental Conservation.[2]
Data attributes updated through: 12/23/2011. Data obtained by Toxics Targeting: 12/23/2011.
New Facilities updated to: 12/23/2011. Data obtained by Toxics Targeting: 12/23/2011.

(a) **Brownfield Cleanup Program (BCP)**
(b) **Voluntary Cleanup Program (VCP)**
(c) **Environmental Restoration Program (ERP)**

6) **Solid Waste Facilities:** a compilation of the following 2 databases:

(a) **NYS Solid Waste Registry:** which includes, but is not limited to, landfills, incinerators, transfer stations, recycling centers.
ASTM required.* Fannie Mae required.** Source: New York State Dept. of Environmental Conservation.[2]
Data updated to: 12/31/2001. Data obtained by Toxics Targeting: 3/16/2002.

(b) **1934 Solid Waste Disposal Site in New York City:** which includes sites operated by municipal authorities circa 1934. Source: City of New York Department of Sanitation (1984). The Waste Disposal Problem in New York City: A Proposal For Action.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the DEC's Bureau of Hazardous Waste Facility Compliance pursuant to NYS Law and the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 11/27/2011. New facilities obtained by Toxics Targeting: 12/20/2011.
Manifest transactions data updated to: 11/27/2011. Manifest transactions data obtained by Toxics Targeting: 12/20/2011.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]
New facilities updated through: 11/9/2011. Data obtained by Toxics Targeting: 12/14/2011.
Data attributes updated through: 3/13/2012. Data obtained by Toxics Targeting: 3/16/2012.

8) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). This database includes both *active* and *closed* spills.
ASTM required.* Fannie Mae.** Source: NYS Department of Environmental Conservation.[2]

New spills through: 1/09/2012 New spills data obtained by Toxics Targeting: 1/09/2012
Spill attribute data through: 1/09/2012 Spill attribute data obtained by Toxics Targeting: 1/09/2012

Active spills: paperwork not completed. Closed spills: paperwork completed.
Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Major Oil Storage Facilities:** NYS database of facilities licensed pursuant to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons. **Tank & other data withheld by NYSDEC as of 4/1/2002**.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

Data updated through: 12/12/2011. Data obtained by Toxics Targeting: 12/12/2011.

10) **Petroleum Bulk Storage Facilities:** a compilation of local and state databases of aboveground and underground petroleum storage tank facilities.

(a) **NYS Petroleum Bulk Storage Database:** This includes all New York State counties except Cortland, Nassau, Rockland, Suffolk, and Westchester. ASTM required.* Fannie Mae required.**
Source: NYS Department of Environmental Conservation.[2]
New facilities updated through: 12/12/2011. Data obtained by Toxics Targeting: 12/12/2011.
Tank data updated through: 12/12/2011. Data obtained by Toxics Targeting: 12/12/2011.

(b) **New York City Fire Department Tank Data:** **Data has been withheld by the NYC Fire Dept.**
Source: New York City Fire Department. Data obtained by Toxics Targeting: 2/18/1997

11) **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the NYS Department of Environmental Conservation's Bureau of Hazardous Waste Facility Compliance pursuant to New York State Law.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 11/27/2011. New facilities obtained by Toxics Targeting: 12/20/2011.
Manifest transactions data updated to: 11/27/2011. Manifest transactions data obtained by Toxics Targeting: 12/20/2011.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]

New facilities updated through: 11/9/2011. Data obtained by Toxics Targeting: 12/14/2011.
Data attributes updated through: 3/13/2012. Data obtained by Toxics Targeting: 3/16/2012.

12) **Chemical Bulk Storage Facilities:** New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size. **Tank & other data withheld by NYSDEC as of 4/1/2002**.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data updated through: 12/12/2011. Data obtained by Toxics Targeting: 12/12/2011.

13) **Historic New York City Utility Facilities (1898 to 1950):** An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

14) **Hazardous Substance Waste Disposal Site Study:** NYS database of waste disposal sites that may pose threats to public health or the environment, but could not be remediated using monies from the Hazardous Waste Remedial Fund.
Source: New York State Department of Environmental Conservation.[2]
Data updated to: 5/16/2000. Data obtained by Toxics Targeting: 5/16/2000.

15) **Toxic Release Inventory (TRI):** Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.
Source: U. S. Environmental Protection Agency.[1] / NYS Department of Environmental Conservation[2]
Data updated through: 3/8/2004. Data obtained by Toxics Targeting: 3/25/2004

16) **Toxic Wastewater Discharges (Permit Compliance System):** Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 6/17/2004. Data obtained by Toxics Targeting: 7/19/2004.

17) **Air Discharge Facilities:** EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.
See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency[1]
Data updated through: 11/24/1999. Data obtained by Toxics Targeting: 1/6/2000

18) **Civil Enforcement & Administrative Docket:** This database is the U. S. EPA's system for tracking administrative and civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.**
Source: U. S. Environmental Protection Agency.[1]
New Sites through: 10/14/1999.
Data updated through: 10/14/1999. Data obtained by Toxics Targeting: 11/18/1999.

19) **New York City Environmental Quality Review (CEQR) – E Designation Sites:** These sites are parcels assigned a special environmental ("E") designation under the CEQR process. E designation requires specific protocols that must be followed. Source: New York City Department of Planning[3]
Data updated through: 10/5/2011. Data obtained by Toxics Targeting: 11/6/2011

20) **Emergency Response Notification System (ERNS):** Federal database of spills compiled by the Emergency Response Notification System. On-site searches only.
ASTM required.* See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 1/31/2000. Data obtained by Toxics Targeting: 2/15/2000

21) **Remediation Site Borders:** Remediation site borders reported by NYSDEC.
Source: New York State Department of Environmental Conservation.[2]
Updated through: 4/8/2009. Data obtained by Toxics Targeting: 7/21/2009.

* American Society of Testing Materials: Standard Practice on Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-05).

** Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

[1]U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

[2]NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

[3]New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216

Impact Environmental
Environmental Site Assessment

Appendix D
Federal Government

Freedom of Information Act (FOIA)

You are here: EPA Home FOIA Online Request Form

Freedom of Information Act (FOIA) Online Request Form for EPA Documents

This form is used for making requests for EPA documents.

Complete details about the FOIA process are explained in the Reference Guide.

CAUTION: Any information you submit is not secure, and could be observed by a third party.

Need Immediate Assistance?

Call the National FOIA Hotline at: (202) 566-1667

Or **Your Local FOIA Office**

Your Name	Veronica Cutinella
Company/Organization	Impact Environmental
Mailing Address	170 Keyland Court
City	Bohemia
State	NY
ZIP Code	11716
E-Mail Address*	vcutinella@impactenvironmental.

* Providing an e-mail address allows EPA to communicate with you electronically when appropriate. You will also receive an e-mail confirmation of this request.

Phone Number	631-269-8800 x128
Fax Number	631-269-1599

Description of Records

Provide a description of the records you are seeking in a way that will permit EPA to identify and locate them. If you are seeking records relating to a facility, site or regulated entity, please include the complete name and address of each property you are inquiring about.

For site specific FOIA requests, please check MyProperty before filing your FOIA request.

Description

Site Address: 38-20 28th Street, Long Island City, NY
Requesting: Any information regarding storage of toxic or hazardous materials, inspections, violations, sampling performed on the property,

Fees

Select the amount you agree to reimburse the Agency for fees incurred to process your request. Refer to the FOIA Reference Guide for complete details.

- (•) Up to $25.00
- ( ) Other Specified Amount Required

We will contact you if the estimated costs will exceed your authorized amount.

☐ Please fill out the form if checked. Yes, I am requesting a fee waiver.

Expedited Processing

☐ Yes, I am requesting expedited processing.

In certain LIMITED circumstances, individual requests are entitled to be moved ahead of other requests on an expedited basis. The following factors must be met and certified to be true and correct:

1. Circumstances in which the lack of expedited treatment could reasonably be expected to pose an imminent threat to the life or physical safety of an individual; or

2. An urgency to inform the public about an actual or alleged Federal government activity, if the information is requested by a person primarily engaged in disseminating information to the public.

Indicate which EPA FOIA location should complete your request:

- ☐ EPA Headquarters
- ☐ R1 States: CT, ME, MA, NH, RI, VT
- ☐ R2 States: NJ, NY, PR, VI
- ☐ R3 States: DE, DC, MD, PA, VA, WV
- ☐ R4 States: AL, FL, GA, KY, MS, NC, SC, TN
- ☐ R5 States: IL, IN, MI, MN, OH, WI
- ☐ R6 States: AR, LA, NM, OK, TX
- ☐ R7 States: IA, KS, MO, NE
- ☐ R8 States: CO, MT, ND, SD, UT, WY
- ☐ R9 States: AZ, CA, HI, NV, AS, GU
- ☐ R10 States: AK, ID, OR, WA
- ☐ Office of the Inspector General
- ☐ Unsure Which EPA Office Should Complete My Request

Send Reset

http://www.epa.gov/foia/thank-you.html
Last updated on Thursday, September 29, 2011

Freedom of Information Act (FOIA)

Thank You

Thank you for your inquiry to EPA's FOIA Web Site.

You will receive a written acknowledged letter within 3 working days of receipt of your FOIA request.

Impact Environmental
Environmental Site Assessment

Appendix E
State Government

170 Keyland Court / Bohemia / NY /11716 / tel 631.269.8800 / fax 631.269.1599
www.impactenvironmental.com

March 21, 2012

Mr. 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
r2foil@gw.dec.state.ny.us

RE: FOIL REQUEST

Mr. Abdelsadek:

I am writing to request information on DEC files addressing environmental quality for the property at the below address. Information to assist in identifying the site is also noted:

Site Address:	**38-20 28th Street, Long Island City, NY**
Known Spill Numbers:	**None found in database**
Current Owner:	**2318 Flatbush Avenue Corp.**
Facility Description:	**2-family house/vacant**

Our request is to identify any pertinent files held within the following Departments:

- **Solid & Hazardous Materials – Storage of Materials, Inspections/Violations**
- **Division of Environmental Remediation - Permits, Inspections/Violations**
- **Oil Spills Unit – Spill Details, Monitoring/Remediation**

Your consideration in this matter is greatly appreciated. We will follow up by phone, to Ascertain whether we might further assist you with any questions regarding this request.

Sincerely,
IMPACT ENVIRONMENTAL
Veronica Cutinella
Leads Coordinator
vcutinella@impactenvironmental.com

IEC Project#: 4338-01-03-3001

Impact Environmental
Environmental Site Assessment

Appendix F
City Government

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Send the complete application to the Records Access Officer at NYC DEP, Bureau of Legal Affairs, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373 or fax to (718) 595-6543

PART I. APPLICATION - Check Bureau(s) known or believed to have the record(s):

- ☐ Executive
- ☐ General Counsel
- ☐ Agency Chief Contracting Office
- ☐ Bureau of Customer Services (Water Bills)
- ☒ Bureau of Environmental Compliance
- ☒ Asbestos
- ☒ Hazardous Materials
- ☐ Air & Noise
- ☒ Environmental Control Board
- ☒ Bureau of Environmental Engineering
- ☒ Office of Environmental Planning and Assessment
- ☐ Bureau of Wastewater Treatment
- ☐ Sewer discharge violations
- ☐ Bureau of Water and Sewer Operations
- ☐ Water Records
- ☐ Sewer Records
- ☐ Bureau of Water Supply
- ☐ Water Quality
- ☐ DEP Police
- ☐ _____

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

38-20 28th Street Long Island City

any information regarding storage of toxic or hazardous materials, inspections of the property, violations, sampling performed on the property, permits, etc.

Name: James Cressy / Veronica Cutinella Phone: 631-269-8800 x128 E-Mail: vcutinella@impactenvironmental.com
Firm: Impact Environmental
Address: 170 Keyland Court Bohemia, New York
Signature: [signature] Date: 3/21/2012

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

• •APPROVED • APPROVED IN PART - - To arrange for access to the records, please contact:

_____ (Department Representative) _____ (Bureau) _____ (Phone No.)

Number of Pages:_____ x$.25 per page = Cost:_____

• •DENIED • •DENIED IN PART - - for reason(s) checked: References are to Sec. 87 of the Public Officers Law.

- ☐ Exempt: State/Fed. Statute (2(a))
- ☐ Invasion of personal privacy (2(b))
- ☐ Competitive position injury (2(d))
- ☐ Exempt: Law Enforcement (2(e))
- ☐ Inter/Intra-agency material (2(g))
- ☐ (Other)_____

Brief Description of records not subject to disclosure_____

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

☐ UNAVAILABLE - - for reason(s) checked:

- Not described in sufficient detail
- Not maintained by this Department
- After search, no records responsive to request located
- (Other)_____

LOG NO.:_____

(Department Representative) (Bureau) (Date)

• • •Fee Waived • • •Check/M.O. received • • •Check/M.O. requested DOC# 050303

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.

OFFICE USE ONLY

Cashier / Search No.

PRU Staff
Accepted By/Initials:

Searched By:

Total Amount:

Impact Environmental
Name

170 Keyland Court
Address

Bohemia, NY 11716
State Zip Code

631.269.8800 x128 (Imp #4338-01-03-3001)
Telephone Number

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**

38-20	28th Street, Long Island City,	Queens, NY
House Number	Street Name	Borough

- [ ] THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS
- [X] THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS
- [X] 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

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

PR3 (July-08)

Property Detail Report

For Property Located At

CoreLogic RealQuest Professional

3820 28TH ST, LONG ISLAND CITY, NY 11101-2728

Owner Information:

Owner Name:	2318 FLATBUSH AVENUE CORP		
Mailing Address:	3820 28TH ST, LONG ISLAND CITY NY 11101-2728 C032		
Phone Number:		Vesting Codes:	/ / CO

Location Information:

Legal Description:			
County:	QUEENS, NY	APN:	00386-0023
Census Tract / Block:	31.00 / 2	Alternate APN:	
Township-Range-Sect:		Subdivision:	
Legal Book/Page:		Map Reference:	03-02-08 / 6718-D5
Legal Lot:	23	Tract #:	
Legal Block:	386	School District:	3620580
Market Area:		Munic/Township:	ASTORIA-LONG ISLAND CITY
Neighbor Code:			

Owner Transfer Information:

Recording/Sale Date:	/	Deed Type:	
Sale Price:		1st Mtg Document #:	
Document #:			

Last Market Sale Information:

Recording/Sale Date:	01/26/2010 / 05/28/2009	1st Mtg Amount/Type:	/
Sale Price:	$1,002,000	1st Mtg Int. Rate/Type:	/
Sale Type:		1st Mtg Document #:	
Document #:	27584	2nd Mtg Amount/Type:	/
Deed Type:	DEED (REG)	2nd Mtg Int. Rate/Type:	/
Transfer Document #:		Price Per SqFt:	$353.31
New Construction:		Multi/Split Sale:	
Title Company:			
Lender:			
Seller Name:	WELCH EILEEN		

Prior Sale Information:

Prior Rec/Sale Date:	/	Prior Lender:	
Prior Sale Price:		Prior 1st Mtg Amt/Type:	/
Prior Doc Number:		Prior 1st Mtg Rate/Type:	/
Prior Deed Type:			

Property Characteristics:

Gross Area:	2,836	Parking Type:	GARAGE	Construction:	
Living Area:	2,836	Garage Area:		Heat Type:	
Tot Adj Area:		Garage Capacity:		Exterior wall:	
Above Grade:	1,560	Parking Spaces:		Porch Type:	
Total Rooms:		Basement Area:		Patio Type:	
Bedrooms:		Finish Bsmnt Area:		Pool:	
Bath(F/H):	/	Basement Type:		Air Cond:	
Year Built / Eff:	/ 1915	Roof Type:		Style:	
Fireplace:	/	Foundation:		Quality:	
# of Stories:	2.00	Roof Material:		Condition:	
Other Improvements:					

Site Information:

Zoning:	M1-3	Acres:	0.10	County Use:	2-FMLY MISCELLANEOUS (B9)
Lot Area:	4,562	Lot Width/Depth:	50 x 91	State Use:	
Land Use:	DUPLEX	Res/Comm Units:	2 /	Water Type:	
Site Influence:				Sewer Type:	

Tax Information:

Total Value:	**$37,243**	Assessed Year:	**2012**	Property Tax:	**$5,569.64**
Land Value:	**$14,390**	Improved %:	**61%**	Tax Area:	**1**
Improvement Value:	**$22,853**	Tax Year:	**2011**	Tax Exemption:	
Total Taxable Value:	**$37,243**				

NYC Finance

NYC Digital Tax Map

Effective Date : 06-18-2010 13:44:20
End Date : Current

Queens Block: 386

Legend

- Streets
- Miscellaneous Text
- Possession Hooks
- Boundary Lines
- Lot Face Possession Hooks
- Regular
- Underwater
- Tax Lot Polygon
- Condo Number
- Tax Block Polygon

Feet
0 5 10 20 30 40

NYC Buildings

NYC.gov always open

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Property Profile Overview

38-20 28 STREET QUEENS 11101 BIN# 4004688

28 STREET 38-20 - 38-20

Census Tract	: 31	Tax Block	: 386
Community Board	: 401	Tax Lot	: 23
Buildings on Lot	: 2	Condo	: NO
		Vacant	: NO

View DCP Addresses... Browse Block

View Zoning Documents View Challenge Results View Certificates of Occupancy

Cross Street(s):	38 AVENUE, 39 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		

Special District: LIC - LONG ISLAND CITY MIXED USE

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: B9-2 FAMILY DWELLING

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
Violations-DOB	0	0
Violations-ECB (DOB)	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Actions	2	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information
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.

NYC Buildings

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NYC Department of Buildings

Property Profile Overview

38-20GAR 28 STREET		QUEENS 11101	BIN# 4467931
28 STREET	38-20 GARAGE - 38-20 GARA		Tax Block : 386
		Census Tract : 31	Tax Lot : 23
		Community Board : 401	Condo : NO
		Buildings on Lot : 2	Vacant : NO

View DCP Addresses... Browse Block

View Zoning Documents View Challenge Results View Certificates of Occupancy

Cross Street(s):	38 AVENUE, 39 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		

Special District: LIC - LONG ISLAND CITY MIXED USE

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: B9-2 FAMILY DWELLING

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
Violations-DOB	0	0
Violations-ECB (DOB)	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Total Actions	0	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information
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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C of O PDF Listing for Property

Premises: 38-20 28 STREET QUEENS BIN: 4004688 Block: 386 Lot: 23

Download the Adobe Acrobat Reader if you are unable to open the PDF files

To report a problem with any of these images, please use the CO Image Problem Form

THERE ARE NO CERTIFICATES OF OCCUPANCY ON FILE FOR THIS ADDRESS

Back

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NYC Department of Buildings

Actions

Premises: 38-20 28 STREET QUEENS BIN: 4004688 Block: 386 Lot: 23

NUMBER	TYPE	FILE DATE
ALT 826-03	ALTERATION	00/00/1903
ALT 617-08	ALTERATION	00/00/1908

Enter Action Type: Or Select from List: Select... Refresh

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

NO BOILER RECORDS FOUND FOR THIS PROPERTY

38-20 28 STREET		QUEENS 11101		BIN# 4004688	
28 STREET	38-20 - 38-20			Tax Block	: 386
		Census Tract	: 31	Tax Lot	: 23
		Community Board	: 401	Condo	: NO
		Buildings on Lot	: 2	Vacant	: NO

View DCP Addresses... Browse Block

View Zoning Documents | View Challenge Results | View Certificates of Occupancy

Cross Street(s):	38 AVENUE, 39 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		

Special District: LIC - LONG ISLAND CITY MIXED USE

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: B9-2 FAMILY DWELLING

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
Violations-DOB	0	0
Violations-ECB (DOB)	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Actions	2	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits
Boiler Records
DEP Boiler Information
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.

CITY ENVIRONMENTAL QUALITY REVIEW (CEQR)
ENVIRONMENTAL DESIGNATIONS

E-No. Effective Date Satisfaction Date	CEQR No. ULURP No. Zoning Map No.	Description	Tax Block	Tax Lot(s)	Lot Remediation Date
		Hazardous Materials* Phase I and Phase II Testing Protocol	498	40	
E-218 10/7/2008	08DCP021Q 080429ZMQ 9b	Hazardous Materials* Phase I and Phase II Testing Protocol	342	2	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	367	33	
		Exhaust stack location limitations	367	33	
		Hazardous Materials* Phase I and Phase II Testing Protocol	367	15,17,23,27,33,38, 40,42	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	368	9,10,11,29	
		Exhaust stack location limitations	368	9,10,11	
		Hazardous Materials* Phase I and Phase II Testing Protocol	368	1,9,10,11,15,17,18, 21,22,24,26,29,34, 36	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	369	20,22,119,121	
		Hazardous Materials* Phase I and Phase II Testing Protocol	369	2,3,14,15,20,22,23, 24,32,33,113,119, 121,211	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	370	3,20,26,28	
		Exhaust stack location limitations	370	3,20,26,28	
		Hazardous Materials* Phase I and Phase II Testing Protocol	370	3,4,6,7,12,20,26, 28,29,34,35,36	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	371	27	
		Hazardous Materials* Phase I and Phase II Testing Protocol	371	15,17,19,23,27,29, 33,34,38	
			372	3,4,7,21,22,23,33, 35	
		Window Wall Attenuation & Alternate Ventilation	372	21,22,23,33,35	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	373	1,6,45,47	

* Underground gasoline storage tanks included in category of hazardous materials contamination as of 6/16/94.

CITY ENVIRONMENTAL QUALITY REVIEW (CEQR)
ENVIRONMENTAL DESIGNATIONS

E-No. Effective Date Satisfaction Date	CEQR No. ULURP No. Zoning Map No.	Description	Tax Block	Tax Lot(s)	Lot Remediation Date
		Hazardous Materials* Phase I and Phase II Testing Protocol	373	1,6,45,47	
		Window Wall Attenuation & Alternate Ventilation	373	1,6	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	374	12,33	
		Exhaust stack location limitations	374	12,33	
		Hazardous Materials* Phase I and Phase II Testing Protocol	374	8,12,18,20,23,33, 46,47,48,49,50,51	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	375	1,5,24,29,30	
		Exhaust stack location limitations	375	1,5,24,29,30	
		Hazardous Materials* Phase I and Phase II Testing Protocol	375	1,5,18,20,24,29,30, 33	
			376	1	
			377	1,5,9,13,23,40	
			378	1	
			379	1	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	380	7,8,9,11	
		Exhaust stack location limitations	380	7,8,9	
		Hazardous Materials* Phase I and Phase II Testing Protocol	380	5,6,7,8,9,11,13	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	381	9,11,12	
		Exhaust stack location limitations	381	9,11,12	
		Hazardous Materials* Phase I and Phase II Testing Protocol	381	5,9,11,12,16,21,26, 27	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	382	8,11,13,14,15,17, 19	
		Exhaust stack location limitations	382	8,11,13,14,15,17, 19	
		Hazardous Materials* Phase I and Phase II Testing Protocol	382	8,11,13,14,15,17, 19,21,22,24,27,29, 127	

* Underground gasoline storage tanks included in category of hazardous materials contamination as of 6/16/94.

CITY ENVIRONMENTAL QUALITY REVIEW (CEQR)
ENVIRONMENTAL DESIGNATIONS

E-No. Effective Date Satisfaction Date	CEQR No. ULURP No. Zoning Map No.	Description	Tax Block	Tax Lot(s)	Lot Remediation Date
		Window Wall Attenuation & Alternate Ventilation	382	8,11,13,14,15	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	383	1,2,5,33	
		Exhaust stack location limitations	383	1,2,5,33	
		Hazardous Materials* Phase I and Phase II Testing Protocol	383	1,2,5,9,11,12,14, 16,17,19,20,22,24, 26,33	
		Window Wall Attenuation & Alternate Ventilation	383	14,16,17,19,20,22, 24,26	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	384	5,6,7,8,9,11,28	
		Exhaust stack location limitations	384	5,6,7,8,9,11,28	
		Hazardous Materials* Phase I and Phase II Testing Protocol	384	5,6,7,8,9,11,22,28	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	385	2,3	
		Exhaust stack location limitations	385	2,3	
		Hazardous Materials* Phase I and Phase II Testing Protocol	385	1,2,3,4,5,18,21,22, 32	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	386	3,4,7,19,20,30,31, 32	
		Exhaust stack location limitations	386	3,4,7,19,20,30,31, 32	
		Hazardous Materials* Phase I and Phase II Testing Protocol	386	3,4,5,6,7,12,13,14, 15,16,17,19,20,23, 25,30,31,32	
		Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water	387	7,8,9	
		Exhaust stack location limitations	387	7,8,9	
		Hazardous Materials* Phase I and Phase II Testing Protocol	387	2,4,5,6,7,8,9,17, 19,24,25,28,32	
			388	18,19,20	
			394	45,46,47,48	
			395	1,2,3,4,5,6,17,23, 26,30,31,33,35,40, 126	

* Underground gasoline storage tanks included in category of hazardous materials contamination as of 6/16/94.

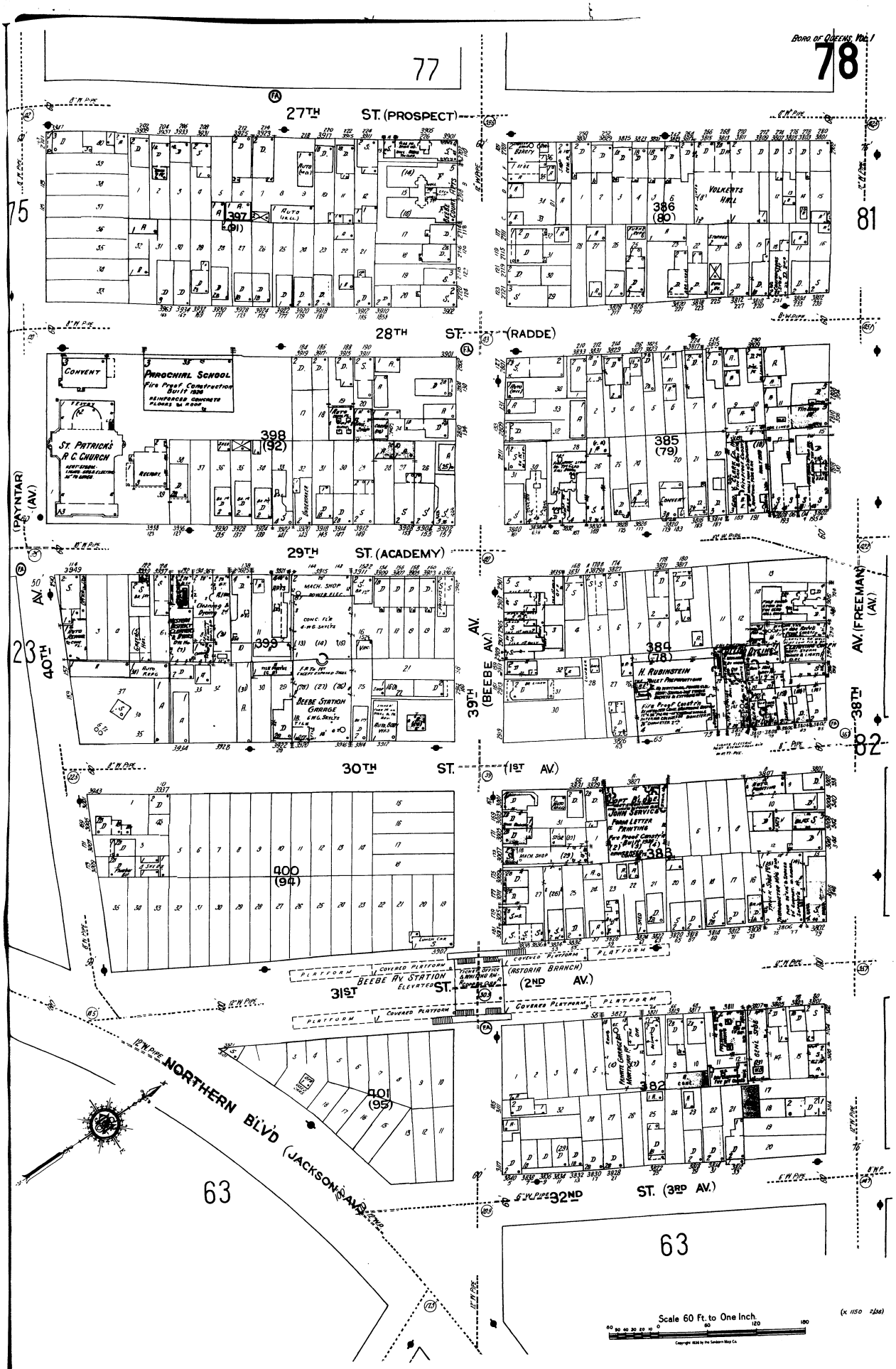
Impact Environmental
Environmental Site Assessment

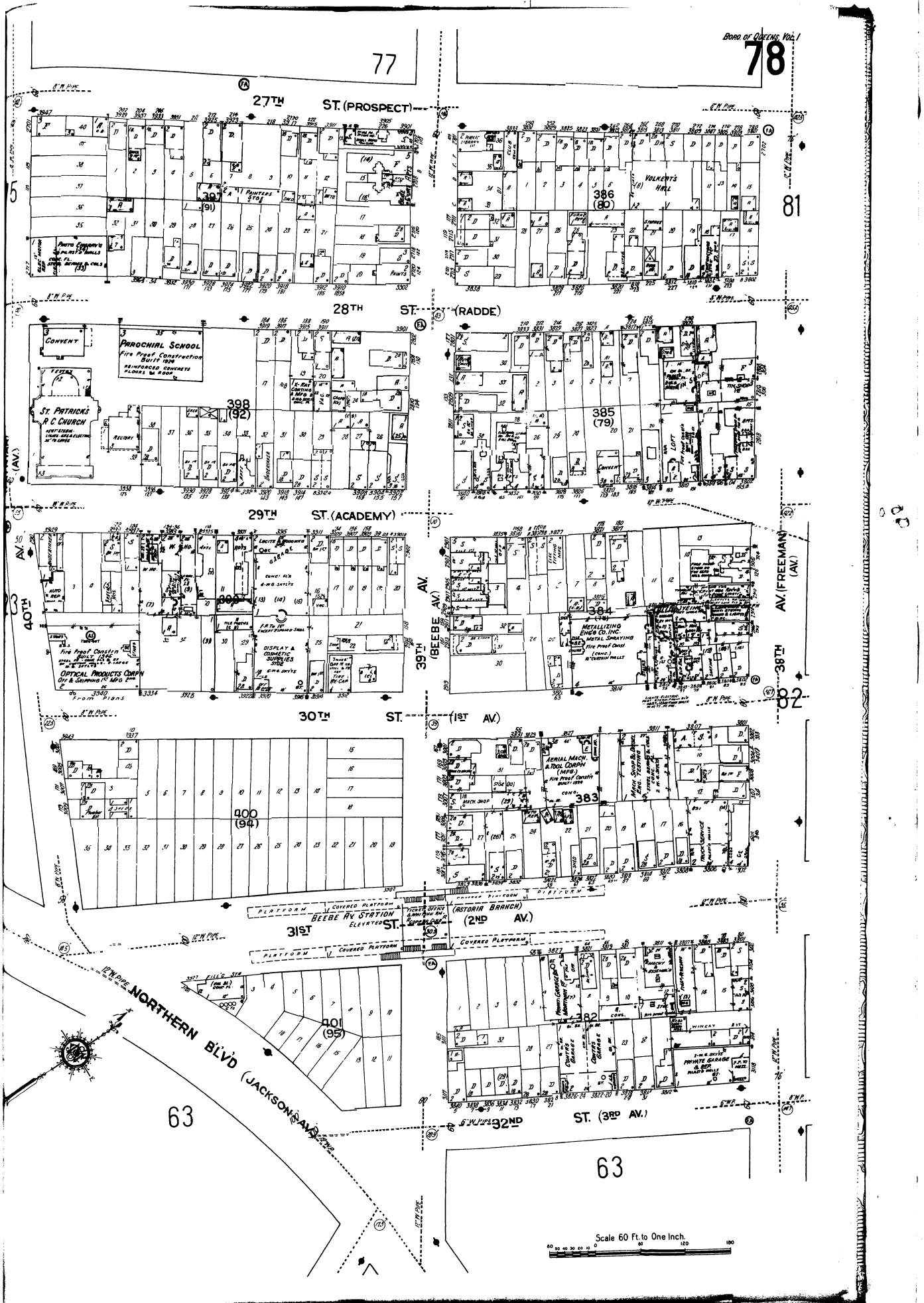
Appendix G
Sanborn Maps

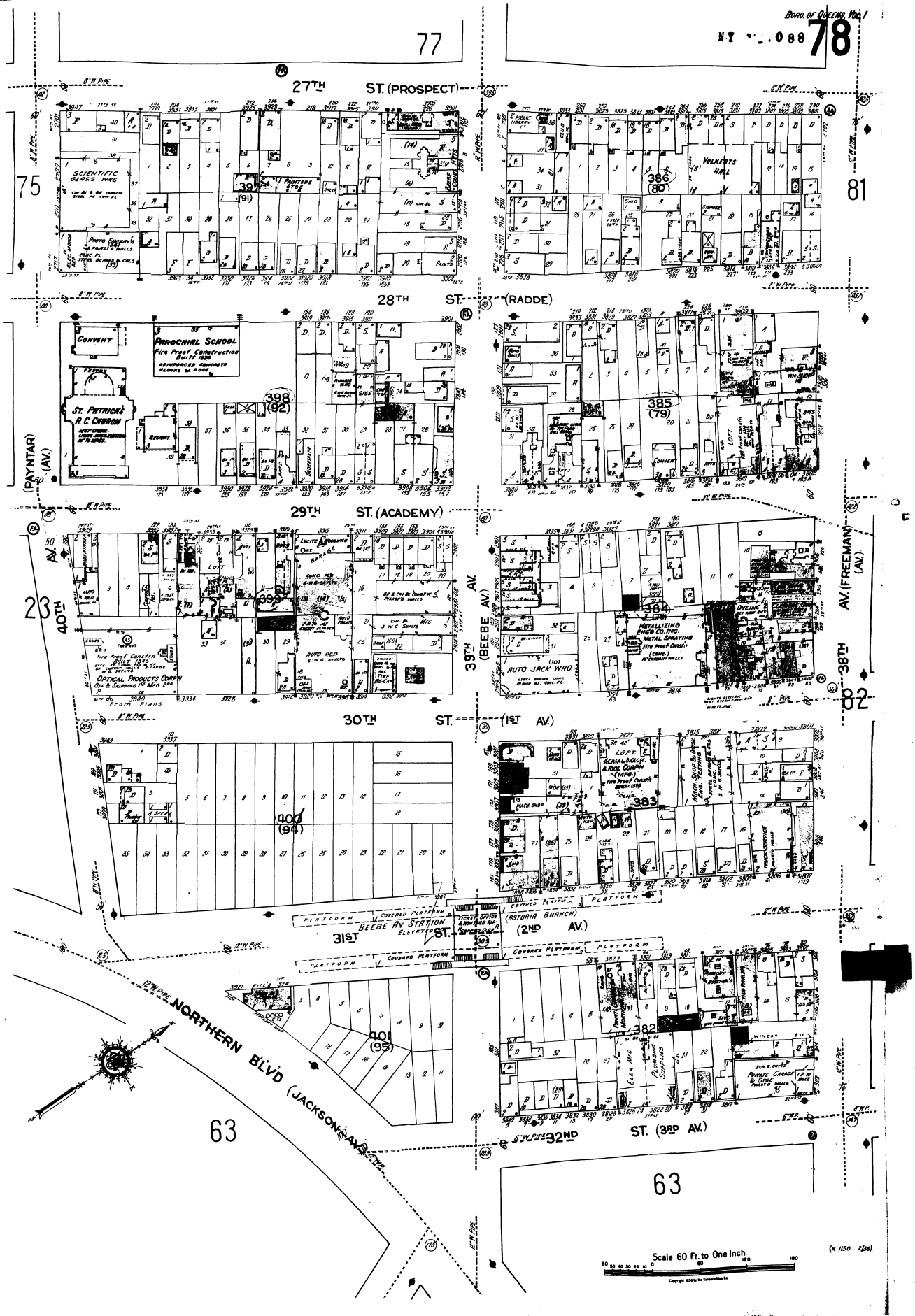

77
PROSPECT ST.
RADDE ST.
ACADEMY ST.
LOCKWOOD ST.
DEBEVOISE AV.
LATHROP ST.
81
82
63
75
23
AV.
PAYNTAR
BEEBEE
FREEMAN
JACKSON
AV.
St. Patricks R.C. Church
Scale 60 Ft. to One Inch.

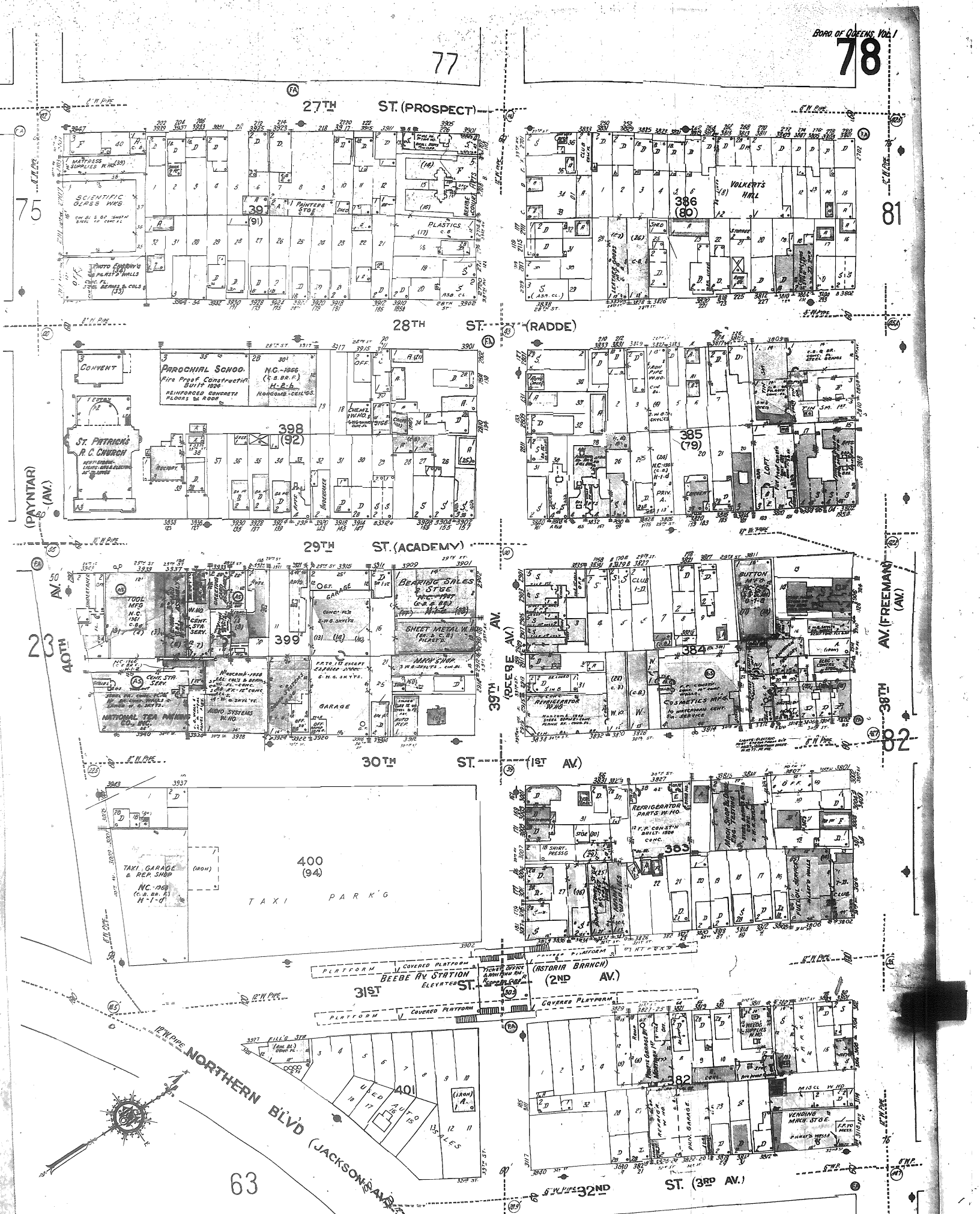

BORO OF QUEENS, VOL. 1
78
77
PROSPECT
RADDE
ACADEMY
1ST AV.
2ND AV.
3RD AV. (LATHROP)
AV. (DEBEVOISE AV.)
AV. (LOCKWOOD)
PAYNTAR AV.
BEEBE AV.
FREEMAN AV.
JACKSON AV.
75
81
82
23
63
91
92
93
94
95
80
79
78
77
76
MANNERCHOR HALL
ST. PATRICK'S R.C. CHURCH
GOSPEL HALL
Scale 60 Ft. to One Inch.

78

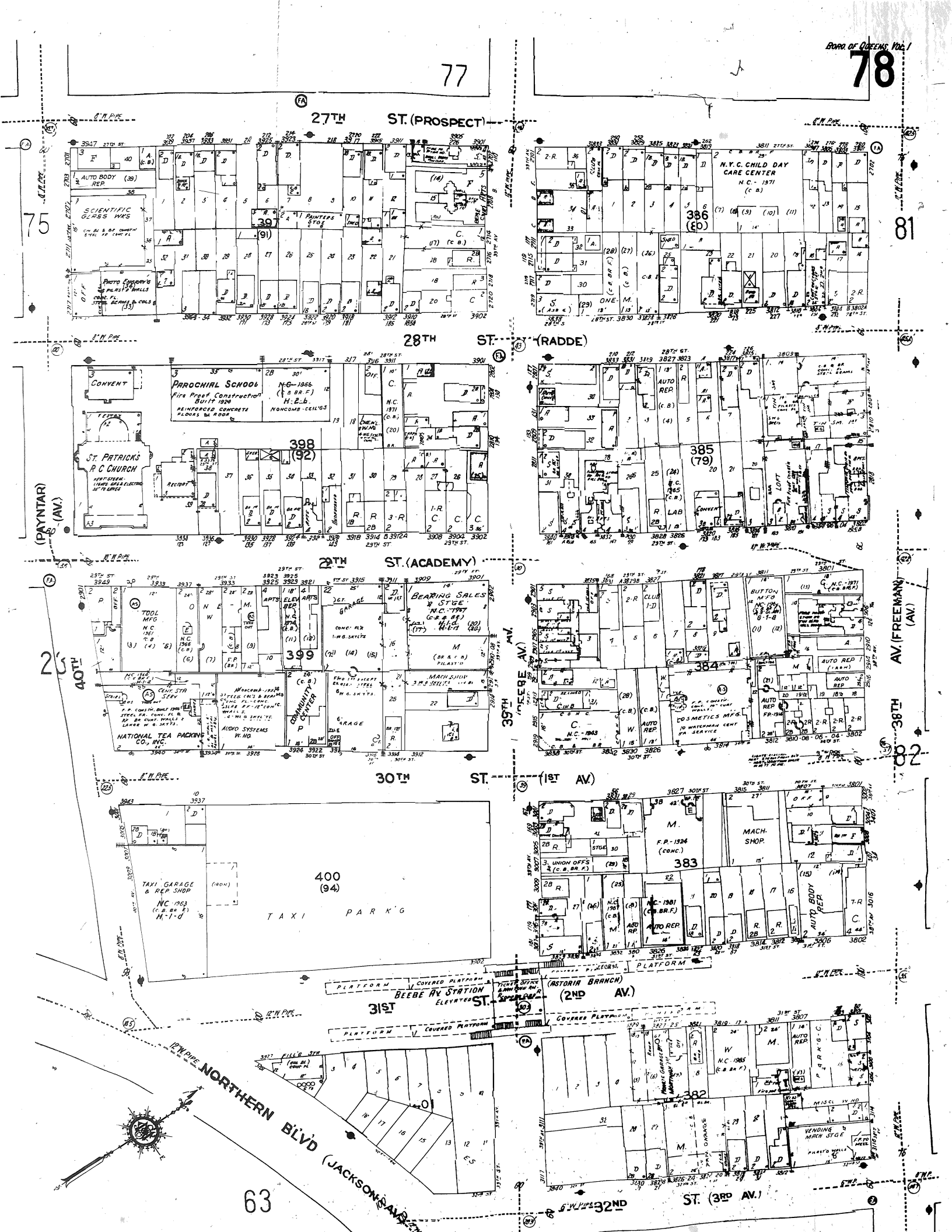

77
27TH ST. (PROSPECT)
75
81
386 (80)
VOLKENTS HALL
28TH ST. (RADDE)
CONVENT
PAROCHIAL SCHOOL
Fire Proof Construction Built 1929
ST. PATRICK'S R.C. CHURCH
398 (92)
385 (79)
(PAYNTAR) (AV.)
29TH ST. (ACADEMY)
23
40TH AV.
399
MACH. SHOP
BEEBE STATION GARAGE
39TH AV. (BEEBE AV.)
389 (78)
H. RUBINSTEIN
AV. (FREEMAN) (AV.)
38TH
82
30TH ST. (1ST AV.)
400 (94)
388
BEEBE AV. STATION
ELEVATED ST.
31ST
(ASTORIA BRANCH)
(2ND AV.)
PLATFORM
COVERED PLATFORM
NORTHERN BLVD (JACKSON AVE.)
401 (95)
382
32ND ST. (3RD AV.)
63
63
Scale 60 Ft. to One Inch.
(x 1150 2)36)


BORO OF QUEENS, VOL. 1
78
77
81
82
63
27TH ST. (PROSPECT)
28TH ST. (RADDE)
29TH ST. (ACADEMY)
30TH ST. (1ST AV.)
31ST ST. (ASTORIA BRANCH)
32ND ST. (3RD AV.)
40TH AV.
38TH AV. (FREEMAN AV.)
39TH (BEEBE AV.)
(AV.)
NORTHERN BLVD (JACKSON AVE.)
BEEBE AV. STATION ELEVATED
PAROCHIAL SCHOOL
Fire Proof Construction Built 1929
REINFORCED CONCRETE FLOORS & ROOF
CONVENT
ST. PATRICK'S R.C. CHURCH
RECTORY
VOLKERT'S HALL
METALLIZING ENGG CO. INC.
METAL SPRAYING
OPTICAL PRODUCTS CORP'N
AERIAL MACH. & TOOL CORP'N (MFG.)
PRIVATE GARAGE & BOX PLANTS
386 (80)
385 (79)
384
383
382
398 (92)
400 (94)
401 (95)
Scale 60 Ft. to One Inch.


BORO OF QUEENS, Vol. 1
NY 1_088
78
77
27TH ST. (PROSPECT)
28TH ST. (RADDE)
29TH ST. (ACADEMY)
30TH ST.
31ST ST.
32ND ST. (3RD AV.)
75
81
82
63
23
(PAYNTAR) (AV.)
40TH AV.
39TH (BEEBE AV.)
38TH AV. (FREEMAN AV.)
(1ST AV.)
(2ND AV.)
(ASTORIA BRANCH)
BEEBE AV STATION
NORTHERN BLVD (JACKSON AV.)
SCIENTIFIC GLASS WKS
VOLKERTS HALL
CONVENT
PAROCHIAL SCHOOL
ST. PATRICK'S R.C. CHURCH
LOFT
METALIZING Co. INC.
METAL SPRAYING
DYEING
AUTO JACK WHO
OPTICAL PRODUCTS CORP'N
AUTO REG
LOFT
WINERY
PRIVATE GARAGE
398 (92)
399
400 (94)
401 (95)
385 (79)
386 (80)
383
384
382
Scale 60 Ft. to One Inch.


77
27TH ST. (PROSPECT)
28TH ST. (RADDE)
29TH ST. (ACADEMY)
30TH ST. (1ST AV.)
31ST ST. (ASTORIA BRANCH) (2ND AV.)
32ND ST. (3RD AV.)
NORTHERN BL'VD (JACKSON AV.)
(PAYNTAR) (AV.)
40TH AV.
39TH AV.
38TH AV.
(FREEMAN) (AV.)
BEEBE AV.
75
81
82
23
63
SCIENTIFIC GUESS WKS
PHOTO ENGRAV'G
PLASTICS
397 (91)
PAINTERS STGE
BEEBE SCHOOL
386 (80)
VOLKERT'S HALL
CLUB
398 (92)
CONVENT
PAROCHIAL SCHOO.
Fire Proof Construction Built 1926
REINFORCED CONCRETE FLOORS & ROOF
N.C.-1926 (T.B.BR.F.) H-2-h
NONCOMB.-CEIL'GS.
ST. PATRICK'S R.C. CHURCH
RECEIPT
385 (79)
LOFT
PRIV.
399
TOOL MFG
W.HO.
CENT. STA. SERV.
BEARING SALES & STGE.
SHEET METAL W.
MACH'Y SHOP
GARAGE
NATIONAL TEA PAINTING CO., INC.
AUTO SYSTEMS W.HO.
384 (81)
BUTTON MFG.
REFRIGERATOR W.HO.
COSMETICS MFG.
400 (94)
TAXI GARAGE & REP. SHOP
NC.-1926 (C.B.BR.F.) H-1-d
TAXI PARK'G
363
REFRIGERATOR PARTS W.HO.
BEEBE AV STATION
ELEVATED ST.
PLATFORM
COVERED PLATFORM
TICKET OFFICE & NEWS RM
382
MEETG SUPPLIES W.HO.
VENDING MACH. STGE.
401
USED AUTO
SALES


77
27TH ST. (PROSPECT)
28TH ST. (RADDE)
29TH ST. (ACADEMY)
30TH ST.
31ST ST.
32ND ST. (3RD AV.)
(PAYNTAR) (AV.)
AV. (FREEMAN) (AV.)
BEEBE AV.
40TH AV.
38TH AV.
(1ST AV.)
(2ND AV.)
BEEBE AV. STATION ELEVATED
(ASTORIA BRANCH)
NORTHERN BLVD (JACKSON AV.)
75
81
82
23
63
386 (80)
385 (79)
384
398 (92)
400 (94)
401
382
N.Y.C. CHILD DAY CARE CENTER
N.C. - 1971
PAROCHIAL SCHOOL
Fire Proof Construction
Built 1928
REINFORCED CONCRETE FLOORS & ROOF
ST. PATRICK'S R.C. CHURCH
CONVENT
RECTORY
SCIENTIFIC GLASS WKS
AUTO BODY REP.
PHOTO ENGRV'G
PAINTERS STGE.
BEARING SALES & STGE.
TOOL MFG
NATIONAL TEA PACKING CO., INC.
AUDIO SYSTEMS W. HO.
COMMUNITY CENTER
GARAGE
MACH. SHOP
REFRIGERATOR PARTS W. HO.
COSMETICS MFG.
BUTTON MFG
AUTO REP.
TAXI GARAGE & REP. SHOP
TAXI PARK'G
FILLG. STA.
COVERED PLATFORM
PLATFORM
TICKET OFFICE & WAITING RM.
LOFT
VENDING MACH. STGE.
PRIV. GARAGE
AUTO BODY REP.
MELDG. SUPPLIES W. HO.
12" W. PIPE
8" W. PIPE
6" W. PIPE
2" W. PIPE


77
27TH ST. (PROSPECT)
28TH ST. (RADDE)
29TH ST. (ACADEMY)
30TH ST.
31ST
32ND ST. (3RD AV.)
(PAYNTAR) (AV.)
40TH
39TH
38TH
BEEBE AV.
AV. (FREEMAN) (AV.)
(1ST AV.)
(2ND AV.)
NORTHERN BL'VD (JACKSON) AV.
75
81
82
63
SCIENTIFIC GLASS WKS
AUTO BODY REP.
PAINTERS STORE
386 (80)
N.Y.C. CHILD DAY CARE CENTER N.C.-1971 (C.B.)
PAROCHIAL SCHOOL Fire Proof Construction Built 1924 REINFORCED CONCRETE FLOORS & ROOF N.C.-1966 (C.B.BR.F) H.-2.6. NONCOMB.-CEIL'GS
CONVENT
ST. PATRICK'S R.C. CHURCH
RECTORY
398 (92)
385 (79)
AUTO REP.
LOFT
BEARING SALES STGE. N.C.-1967 (C.B.&F.) H.-1-D
TOOL MFG N.C. 1961 (C.B.)
NATIONAL TEA PACKING CO., INC.
AUDIO SYSTEMS W.H.
COMMUNITY CENTER
399
GARAGE
MACH SHOP
BUTTON MFG
384
COSMETICS MFG.
383
MACH. SHOP.
F.P.-1924 (CONC.)
AUTO BODY REP.
400 (94)
TAXI GARAGE & REP SHOP NC 1963 (C.B.BR.F) H-1-d
TAXI PARK'G
BEEBE AV STATION ELEVATED ST.
PLATFORM
COVERED PLATFORM
382
PARK'G GARAGE
VENDING MACH STGE

Impact Environmental
Environmental Site Assessment

Appendix H
Qualifications of the Environmental Professional

KEVIN KLEAKA — ENVIRONMENTAL PROFESSIONAL

EDUCATION

December 1995

- State University of New York at Plattsburgh- Bachelor of Science in Environmental Sciences
- Environmental Chemistry Minor
- Applied Environmental Science Program

PROFESSIONAL EXPERIENCE

June 1997-Present

Vice President, *Impact Environmental Consulting, Inc., Bohemia, New York*

- Manage technical environmental investigation and remediation projects for private real estate owners/purchasers, lending institutions and government agencies.
- General Manager of Assessment and Remediation Departments with annual revenues of over 4 million for Phase I and II Environmental Site Assessments, NYSDEC Spill Investigation and Remediations, SCDHS & NCDH Underground Injection Control Programs, NYSDEC Voluntary Cleanup Programs, NYSDEC Inactive Hazardous Waste Disposal Site Investigation and Remediation, Brownfield Environmental Restoration, RCRA Closure, and NYCDEP E-Designation Sites.
- Supervise staff of geologists, hydrogeologists, engineers, environmental scientists, and computer analysts to develop and implement sampling and analysis plans, quality assurance programs, remedial action plans.
- NYSDEC approved Project Manager for New York State Inactive Hazardous Waste Sites.
- Provided professional witness testimony/deposition statements and support in litigation cases involving soil, air and/or groundwater pollution.

December 1995-June 1997

Chemist, *Wyeth Ayerst Laboratories, Rouses Point, New York*

- Worked in chromatographic separations division performing quality assurance analysis.
- Performed laboratory procedures and analyses in accordance with USFDA analytical test methods by liquid, gas, and thin layer chromatography.

CERTIFICATIONS & TRAINING

- New York Precision Equipment Global Survey Positioning Training, July 2006
- National Brownfield Organization Course, EPA's All Appropriate Inquiry Rule, February 2006
- New York State Department of Health, Vapor Intrusion Training, August 2005
- MTBE & TBA Comprehensive Site Assessment and Successful Groundwater Remediation, May 2004
- Environmental Data Resources, Due Diligence Workshop, March 2003
- Advanced Technologies for Accelerated Natural Attenuation, February 2003
- Conference on Pharmaceutical Contaminants in Water Resources-Minneapolis, October, 2001
- Geophysical Survey Systems, Theory and Practice of Applying Subsurface Interface Radar in Engineering and Geophysical Investigation, October 1997.
- 40-Hour Occupational Safety & Health Administration

ORGANIZATIONS

- National Groundwater Association
- Environmental Assessment Association
- Long Island Geologist Association
- Queens-Bronx Builders Association

JAMES CRESSY — ENVIRONMENTAL PROFESSIONAL

EDUCATION

2009

- State University of New York at Stony Brook, New York – College of Engineering and Applied Sciences. Master of Science in Technological Systems Management**:** Energy and Environmental Systems.

2001

- State University of New York at Stony Brook, New York – Bachelor of Art
- State University of New York at Stony Brook, New York – Deans List

1999

- State University of New York at Brentwood, New York – Associates of Arts
- State University of New York at Brentwood, New York – Vice President Science Club

PROFESSIONAL EXPERIENCE

2005 - Present

Project Manager, Impact Environmental Consulting, Inc., Bohemia, New York

- Submission of Freedom of Information Requests to various agencies
- Conducts government record searches and file reviews in association with the performance of Phase I Environmental Site Assessments
- Utilizes various publicly and privately compiled computer databases to satisfy the requirements of ASTM E-1527
- Conducts site reconnaissance work
- Performed over 350 Phase I Environmental Site Assessments
- Technical Operator for Geoprobe sampling system for the acquisition of subsurface soil and groundwater
- Designs Phase II Environmental Site Assessment sampling plans and performs Phase II Environmental Site Assessments
- Performed over 50 Phase II Environmental Site Assessments

1999 - 2004

Communications Technician, Atlantic Express, Staten Island, New York

- Installed, maintained and upgraded communications system for over 10,000 vehicles
- Installed and maintained computed network systems

COURSEWORK & TRAINING

- OSHA 40-hour training
- Hydrogeology, Ecology, Ichthyology, Herpetology, Evolution, Biology, Chemistry, Biochemistry, Calculus, Earth Science, Waste Management: Systems & Principles, Long Island Groundwater, Risk Assessment & Hazardous Management.
- Department of Environmental Conservation/Department of Health Services vapor intrusion seminar

Impact Environmental
Environmental Site Assessment

Appendix I
Qualifications of the Project Manager

WENQING FANG — ENVIRONMENTAL ENGINEER

EDUCATION

May 2006

- State University of New York at Stonybrook, New York – Master of Science in Environmental and Waste Management

May 2001

- Wuhan University, Wuhan, China – Bachelors of Engineering in Environmental Engineering

PROFESSIONAL EXPERIENCE

April 2004 - Present
Environmental Engineer, Impact Environmental Consulting, Inc., Bohemia, New York

- Phase I ESA; Phase II ESA
- NYSDEC Spill Investigation
- Exposure Assessments for NYSDEC Spill Closure
- Groundwater and vapor intrusion modeling
- Remedial design for petroleum / TCE contaminated site
- AutoCAD drawing
- ACCESS + VB database programming and report automation
- GPR/ Geoprobe operation oversight
- Contaminated site redevelopment
- Pumping test, dewatering system design

2002 - 2003
Graduate Assistant, Environmental Health and Safety at SUNYSB, Stonybrook, New York

- MSDS database construction and update
- Indoor air quality monitoring
- OSHA training

2001 - 2002
Environmental Engineer, Environmental Protection Agency, Shashi, China

- Regional Environmental Impact Assessments (EIS)
- Environmental modeling and programming
- Regional Environmental Planning Program

MICHAEL VENEZIA — ENVIRONMENTAL SCIENTIST

EDUCATION

2011

- Polytechnic Institute of New York University, New York, New York - Masters of Science in Civil Engineering (Geotechnical Concentration)

2010

- Polytechnic Institute of New York University, New York, New York - Bachelors of Science in Civil Engineering

PROFESSIONAL EXPERIENCE

2010 - Present

Environmental Scientist, Impact Environmental, Inc., Bohemia, New York

- Field monitoring of construction activities to ensure compliance with applicable permits, project specifications and government regulations.
- Direct onsite excavation activities and coordinate material transportation for off-site disposal.
- Collection and management of data obtained from installed field instruments.
- Conduct field sampling (i.e. soil and groundwater) and site reconnaissance as required.
- Coordinate and direct laboratory testing of acquired field samples.
- Coordinate and conduct site inspections and field investigations for the purpose of environmental site assessments.
- Conducts government record searches and file reviews in association with the performance of Phase I Environmental Site Assessments.
- Review government websites and other sources for changes to applicable regulations.

2007 - 2009

Paralegal/Legal Assistant, Law Office of Sokolski & Zekaria, P.C., New York, New York

- Perform research in support of case work.
- Manage inter-office correspondence.
- Update clients regarding current status of their legal matters.
- Manage office calendar and ensure attendance at all appearances.

COURSEWORK & TRAINING

- New York State FE/EIT (Certificate No. 087075)
- OSHA 40 Hours HAZWOPER Training
- OSHA 10 Hour Construction Industry Training Course
- Amtrak & LIRR Contractor Safety Training

ORGANIZATIONS

- American Society of Civil Engineers (A.M. ASCE)
- χε -- Chi Epsilon (Civil Engineering Honor Society)

APPENDIX B

Soil Boring Logs

Impact Environmental Soil Boring Log	Probe Code:	SB-1
Site Location: 38-20 28th Street, Long Island City, NY,	**Installer: JC**	
Job Number: 4338-02-03-3002	**Installation Method: Geoprobe**	
Client: 2318 Flatbush Avenue Corp.	**Installation Date: 5/24/2012**	
Location Description:	**Geologist: MV**	

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0'-6”	asphalt	black	0	no stains or odor
6”'-4'	clay with little medium sand	brown	0	no stains or odor
4'-12'	fine to medium sand with little clay	brown	0	no stains or odor
EOB @ 12’				

Impact Environmental Soil Boring Log	Probe Code:	SB-2
Site Location: 38-20 28th Street, Long Island City, NY,	**Installer: JC**	
Job Number: 4338-02-03-3002	**Installation Method: Geoprobe**	
Client: 2318 Flatbush Avenue Corp.	**Installation Date: 5/24/2012**	
Location Description:	**Geologist: MV**	

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0'-6”	asphalt	black	0	no stains or odor
6”'-4'	clay with little medium sand	brown	0	no stains or odor
4'-12'	fine to medium sand with little clay and gravel	brown	0	no stains or odor
EOB @ 12’				

Impact Environmental Soil Boring Log	Probe Code:	SB-3
Site Location: 38-20 28th Street, Long Island City, NY,	**Installer: JC**	
Job Number: 4338-02-03-3002	**Installation Method: Hand Auger**	
Client: 2318 Flatbush Avenue Corp.	**Installation Date: 5/24/2012**	
Location Description:	**Geologist: MV**	

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0'-8'	n/a	n/a	n/a	building basement
8'-8.5'	n/a	n/a	n/a	building basement slab
8.5'-10'	medium sand with gravel	brown	0	no stains or odor
EOB @ 10'				

Impact Environmental Soil Boring Log	Probe Code:	SB-4
Site Location: 38-20 28th Street, Long Island City, NY,	**Installer: JC**	
Job Number: 4338-02-03-3002	**Installation Method: Geoprobe**	
Client: 2318 Flatbush Avenue Corp.	**Installation Date: 5/24/2012**	
Location Description:	**Geologist: MV**	

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0'-6"	asphalt	black	0	no stains or odor
6"-1'	organic material	black	0	no stains, slight organic odor
1''-5'	clay with little medium sand	brown	0	no stains or odor
5'-12'	fine to medium sand with little clay and gravel	brown	0	no stains or odor
EOB @ 12'				

Impact Environmental Soil Boring Log	Probe Code:	SB-5
Site Location: 38-20 28th Street, Long Island City, NY,	**Installer: JC**	
Job Number: 4338-02-03-3002	**Installation Method: Geoprobe**	
Client: 2318 Flatbush Avenue Corp.	**Installation Date: 5/24/2012**	
Location Description:	**Geologist: MV**	

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0'-6”	asphalt	black	0	no stains or odor
6”'-4'	clay with little medium sand	brown	0	no stains or odor
4'-12'	fine to medium sand with little clay	brown	0	no stains or odor
EOB @ 12’				

Impact Environmental Soil Boring Log	Probe Code:	SB-6
Site Location: 38-20 28th Street, Long Island City, NY,	**Installer: EP**	
Job Number: 4338-02-03-3002	**Installation Method: Geoprobe**	
Client: 2318 Flatbush Avenue Corp.	**Installation Date: 9/16/13**	
Location Description:	**Geologist: BH**	

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0'-6”	concrete	dark brown	0	no stains or odor
6”-2'	Fill –medium coarse sand w/ brick, stone and trace coal	dark brown	0	no stains or odor
2'-3'	Medium coarse sand w/ silt and some gravel	brown	0	no stains or odor
3’-5’	Medium coarse sand	Brown	0	no stains or odor
EOB @ 5’				

Impact Environmental Soil Boring Log	Probe Code:	SB-7
Site Location: 38-20 28th Street, Long Island City, NY,	**Installer: EP**	
Job Number: 4338-02-03-3002	**Installation Method: Geoprobe**	
Client: 2318 Flatbush Avenue Corp.	**Installation Date: 9/16/13**	
Location Description:	**Geologist: BH**	

Depth BEG (ft.)	Soil Type	Soil Color	PID Reading	Comments
0'-8'	n/a	n/a	n/a	building basement
8'-8.5'	n/a	n/a	n/a	building basement concrete slab
8.5'-10'	medium sand with gravel	brown	0	no stains or odor
EOB @ 10'				

APPENDIX C

Soil Gas Sampling Logs

IMPACT ENVIRONMENTAL
welcome to solid ground…
1000 Page Ave | Lyndhurst | NJ | 07071 | 201.268.5686
www.impactenvironmental.com

Air/Soil Gas Sampling Form

Project #: 4338-02-03-3002 Date: May 24-25, 2012

Project Name: 38-20 28th Street Investigator: M. Venezia

Type of Sample:

Soil Gas

Sample Location:

SV-1

Canister Record:

Canister ID: 588
Flow regulator ID: 0414
Sample duration: 24-Hours
Sampling rate: 3.2 ml/min

Sample ID: SV-1
Date/Time start: 5/24/12, 12:44 PM
Date/Time end: 5/25/12, 11:57 AM

Regulator: 24-HR
Start pressure: -30.5 in.Hg
End pressure: -6.9 in.Hg

Air temperature (°F): 64.4
Barometric pressure: 30.2 in.Hg
PID reading (ppm): N/A

PID Meter: N/A
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): N/A
Ground surface type: Asphalt
Room: Driveway
Story/level: Exterior-Driveway
Intake depth below floor (ft.): 10 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged and Helium tracer gas introduced into containment can.

Air/Soil Gas Sampling Form

Project #: 4338-02-03-3002 Date: May 24-25, 2012

Project Name: 38-20 28th Street Investigator: M. Venezia

Type of Sample:

Soil Gas

Sample Location:

SV-2

Canister Record:

Canister ID: 979
Flow regulator ID: 0223
Sample duration: 24-Hours
Sampling rate: 3.0 ml/min

Sample ID: SV-2
Date/Time start: 5/24/12, 12:40 PM
Date/Time end: 5/25/12, 11:44 AM

Regulator: 24-HR
Start pressure: -30.7 in.Hg
End pressure: -7.9 in.Hg

Air temperature (°F): 64.4
Barometric pressure: 30.2 in.Hg
PID reading (ppm): N/A

PID Meter: N/A
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.5
Ground surface type: Concrete
Room: Basement
Story/level: Sub-grade Basement
Intake depth below floor (ft.): 2 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged and Helium tracer gas introduced into containment can.

Air/Soil Gas Sampling Form

Project #: 4338-02-03-3002 Date: May 24-25, 2012

Project Name: 38-20 28th Street Investigator: M. Venezia

Type of Sample:

Soil Gas

Sample Location:

SV-3

Canister Record:

Canister ID: 1516
Flow regulator ID: 0089
Sample duration: 24-Hours
Sampling rate: 3.2 ml/min

Sample ID: SV-2
Date/Time start: 5/24/12, 13:01 PM
Date/Time end: 5/25/12, 11:51 AM

Regulator: 24-HR
Start pressure: -28.9 in.Hg
End pressure: -7.4 in.Hg

Air temperature (°F): 64.4
Barometric pressure: 30.2 in.Hg
PID reading (ppm): N/A

PID Meter: N/A
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): N/A
Ground surface type: Asphalt
Room: Rear Yard
Story/level: Exterior – Rear Yard
Intake depth below floor (ft.): 10 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged and Helium tracer gas introduced into containment can.

Air/Soil Gas Sampling Form

Project #: 4338-02-03-3002 Date: September 16, 2012

Project Name: 38-20 28th Street Investigator: B. Hernandez

Type of Sample:

Soil Gas

Sample Location:

SV-4

Canister Record:

Canister ID: 693
Flow regulator ID: 0044
Sample duration: 2-Hours
Sampling rate: 33 ml/min

Sample ID: SV-4
Date/Time start: 9/16/13, 13:05 PM
Date/Time end: 9/16/13, 15:15 PM

Regulator: 2-HR
Start pressure: -30.29 in.Hg
End pressure: -7.65 in.Hg

Air temperature (°F): 72
Barometric pressure: 30.11in.Hg
PID reading (ppm): 0.0

PID Meter: N/A
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.5
Ground surface type: Concrete
Room: Basement – Living Room
Story/level: Sub-grade Basement
Intake depth below floor (ft.): 2 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged and Helium tracer gas introduced into containment can.

Air/Soil Gas Sampling Form

Project #: 4338-02-03-3002 Date: September 16, 2012

Project Name: 38-20 28th Street Investigator: B. Hernandez

Type of Sample:

Soil Gas

Sample Location:

SV-5

Canister Record:

Canister ID: 1891
Flow regulator ID: 0150
Sample duration: 2-Hours
Sampling rate: 36 ml/min

Sample ID: SV-5
Date/Time start: 9/16/13, 13:20 PM
Date/Time end: 9/16/13, 15:25 PM

Regulator: 2-HR
Start pressure: -30.54 in.Hg
End pressure: -6.90 in.Hg

Air temperature (°F): 72
Barometric pressure: 30.11in.Hg
PID reading (ppm): 0.0

PID Meter: N/A
Vacuum/Air pump: Low flow sample pump
Type/ft. tubing used: ¼ in polyethylene

Noticeable odor: None
Floor slab depth (ft.): 0.5
Ground surface type: Concrete
Room: Basement – Laundry Room
Story/level: Sub-grade Basement
Intake depth below floor (ft.): 2 ft

Analytical method required: EPA Method TO-15
Laboratory used: Alpha Analytical

Comments: Vapor point purged and Helium tracer gas introduced into containment can.

APPENDIX D

Laboratory Reports

ANALYTICAL REPORT

Lab Number:	L1209486
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Michael Venezia
Phone:	(631) 269-8800
Project Name:	38-20 28TH STREET
Project Number:	4338
Report Date:	06/05/12

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1209486-01	SB-1 (0'-2')	38-20 28TH STREET LIC, NY	05/24/12 08:50
L1209486-02	SB-1 (10'-12')	38-20 28TH STREET LIC, NY	05/24/12 09:10
L1209486-03	SB-2 (0'-2')	38-20 28TH STREET LIC, NY	05/24/12 09:45
L1209486-04	SB-2 (10'-12')	38-20 28TH STREET LIC, NY	05/24/12 10:00
L1209486-05	SB-3	38-20 28TH STREET LIC, NY	05/24/12 14:00
L1209486-06	SB-4 (0'-2')	38-20 28TH STREET LIC, NY	05/24/12 10:30
L1209486-07	SB-4 (10'-12')	38-20 28TH STREET LIC, NY	05/24/12 10:40
L1209486-08	SB-5 (0'-2')	38-20 28TH STREET LIC, NY	05/24/12 11:00
L1209486-09	SB-5 (10'-12')	38-20 28TH STREET LIC, NY	05/24/12 11:20

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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 free of charge for 30 days from the date the project is completed. After 30 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.

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

Project Name: 38-20 28TH STREET **Lab Number:** L1209486
Project Number: 4338 **Report Date:** 06/05/12

Case Narrative (continued)

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

PCBs
L1209486-05 were analyzed on dilution due to the presence of non-target analytes.
The surrogate recoveries for L1209486-05 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (both 0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Pesticides
The dual column RPD for L1209486-01, -05D and -09 is above the acceptance criteria for cis-Chlordane; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".
The surrogate recovery for L1209486-02 is above the acceptance criteria for Decachlorobiphenyl (152%/162%). Since the sample was non-detect for all target analytes, re-analysis was not required.
The dual column RPD for L1209486-08D is above the acceptance criteria for cis-Chlordane; however, no obvious column interferences are present. The higher of the two results is reported and qualified with a "P".

Metals
The WG539220-4 MS recovery, performed on L1209486-05, is above the acceptance criteria for Mercury (212%). A post digestion spike was performed with an acceptable recovery of 96%.
The WG539902-4 MS recoveries, performed on L1209486-01, are below the acceptance criteria for Copper (39%) and Lead (47%). A post digestion spike was performed with acceptable recoveries for Copper (92%) and Lead (86%).
The WG539902-4 MS recovery for Manganese (22%), performed on L1209486-01, does not apply because the sample concentration is greater than four times the spike amount added.
The WG539902-3 Laboratory Duplicate RPDs, performed on L1209486-01, are outside the acceptance

Project Name: 38-20 28TH STREET **Lab Number:** L1209486
Project Number: 4338 **Report Date:** 06/05/12

Case Narrative (continued)

criteria for Copper (70%) and Lead (62%). The elevated RPDs have been attributed to the non-homogeneous nature of the sample utilized for the laboratory duplicate.

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: Elizabeth Simmons

Title: Technical Director/Representative Date: 06/05/12

ORGANICS

VOLATILES

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-01	Date Collected:	05/24/12 08:50
Client ID:	SB-1 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	06/01/12 22:04		
Analyst:	JL		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	30	2.4	1
1,1-Dichloroethane	ND		ug/kg	4.5	0.89	1
Chloroform	ND		ug/kg	4.5	0.98	1
Carbon tetrachloride	ND		ug/kg	3.0	0.64	1
Tetrachloroethene	ND		ug/kg	3.0	0.92	1
Chlorobenzene	ND		ug/kg	3.0	0.56	1
1,2-Dichloroethane	ND		ug/kg	3.0	0.68	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	0.81	1
Benzene	ND		ug/kg	3.0	0.90	1
Toluene	ND		ug/kg	4.5	0.73	1
Ethylbenzene	ND		ug/kg	3.0	0.67	1
Vinyl chloride	ND		ug/kg	6.0	2.3	1
1,1-Dichloroethene	ND		ug/kg	3.0	0.78	1
trans-1,2-Dichloroethene	ND		ug/kg	4.5	1.2	1
Trichloroethene	ND		ug/kg	3.0	0.67	1
1,2-Dichlorobenzene	ND		ug/kg	15	1.1	1
1,3-Dichlorobenzene	ND		ug/kg	15	1.2	1
1,4-Dichlorobenzene	ND		ug/kg	15	1.3	1
Methyl tert butyl ether	ND		ug/kg	6.0	1.5	1
p/m-Xylene	ND		ug/kg	6.0	1.3	1
o-Xylene	ND		ug/kg	6.0	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	3.0	0.91	1
Acetone	ND		ug/kg	30	9.7	1
2-Butanone	ND		ug/kg	30	12.	1
n-Butylbenzene	ND		ug/kg	3.0	0.95	1
sec-Butylbenzene	ND		ug/kg	3.0	0.83	1
tert-Butylbenzene	ND		ug/kg	15	1.8	1
n-Propylbenzene	ND		ug/kg	3.0	0.86	1
1,3,5-Trimethylbenzene	ND		ug/kg	15	1.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	15	1.7	1
1,4-Dioxane	ND		ug/kg	300	52.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-01 Date Collected: 05/24/12 08:50

Client ID: SB-1 (0'-2') Date Received: 05/29/12

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-02	Date Collected:	05/24/12 09:10
Client ID:	SB-1 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	06/01/12 22:32		
Analyst:	JL		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	26	2.1	1
1,1-Dichloroethane	ND		ug/kg	3.9	0.77	1
Chloroform	ND		ug/kg	3.9	0.84	1
Carbon tetrachloride	ND		ug/kg	2.6	0.55	1
Tetrachloroethene	ND		ug/kg	2.6	0.80	1
Chlorobenzene	ND		ug/kg	2.6	0.48	1
1,2-Dichloroethane	ND		ug/kg	2.6	0.59	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	0.70	1
Benzene	ND		ug/kg	2.6	0.77	1
Toluene	ND		ug/kg	3.9	0.63	1
Ethylbenzene	ND		ug/kg	2.6	0.58	1
Vinyl chloride	ND		ug/kg	5.2	2.0	1
1,1-Dichloroethene	ND		ug/kg	2.6	0.68	1
trans-1,2-Dichloroethene	ND		ug/kg	3.9	1.0	1
Trichloroethene	ND		ug/kg	2.6	0.58	1
1,2-Dichlorobenzene	ND		ug/kg	13	0.95	1
1,3-Dichlorobenzene	ND		ug/kg	13	1.0	1
1,4-Dichlorobenzene	ND		ug/kg	13	1.1	1
Methyl tert butyl ether	ND		ug/kg	5.2	1.3	1
p/m-Xylene	ND		ug/kg	5.2	1.1	1
o-Xylene	ND		ug/kg	5.2	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.6	0.78	1
Acetone	ND		ug/kg	26	8.4	1
2-Butanone	ND		ug/kg	26	10.	1
n-Butylbenzene	ND		ug/kg	2.6	0.82	1
sec-Butylbenzene	ND		ug/kg	2.6	0.72	1
tert-Butylbenzene	ND		ug/kg	13	1.6	1
n-Propylbenzene	ND		ug/kg	2.6	0.74	1
1,3,5-Trimethylbenzene	ND		ug/kg	13	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	13	1.5	1
1,4-Dioxane	ND		ug/kg	260	45.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-02 Date Collected: 05/24/12 09:10

Client ID: SB-1 (10'-12') Date Received: 05/29/12

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-03	Date Collected:	05/24/12 09:45
Client ID:	SB-2 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	06/01/12 23:01		
Analyst:	JL		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	2.7	J	ug/kg	30	2.4	1
1,1-Dichloroethane	ND		ug/kg	4.5	0.88	1
Chloroform	ND		ug/kg	4.5	0.97	1
Carbon tetrachloride	ND		ug/kg	3.0	0.63	1
Tetrachloroethene	ND		ug/kg	3.0	0.91	1
Chlorobenzene	ND		ug/kg	3.0	0.55	1
1,2-Dichloroethane	ND		ug/kg	3.0	0.68	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	0.80	1
Benzene	ND		ug/kg	3.0	0.88	1
Toluene	ND		ug/kg	4.5	0.72	1
Ethylbenzene	ND		ug/kg	3.0	0.66	1
Vinyl chloride	ND		ug/kg	6.0	2.2	1
1,1-Dichloroethene	ND		ug/kg	3.0	0.77	1
trans-1,2-Dichloroethene	ND		ug/kg	4.5	1.2	1
Trichloroethene	ND		ug/kg	3.0	0.67	1
1,2-Dichlorobenzene	ND		ug/kg	15	1.1	1
1,3-Dichlorobenzene	ND		ug/kg	15	1.2	1
1,4-Dichlorobenzene	ND		ug/kg	15	1.2	1
Methyl tert butyl ether	ND		ug/kg	6.0	1.4	1
p/m-Xylene	ND		ug/kg	6.0	1.3	1
o-Xylene	ND		ug/kg	6.0	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	3.0	0.90	1
Acetone	ND		ug/kg	30	9.6	1
2-Butanone	ND		ug/kg	30	12.	1
n-Butylbenzene	ND		ug/kg	3.0	0.94	1
sec-Butylbenzene	ND		ug/kg	3.0	0.82	1
tert-Butylbenzene	ND		ug/kg	15	1.8	1
n-Propylbenzene	ND		ug/kg	3.0	0.84	1
1,3,5-Trimethylbenzene	ND		ug/kg	15	1.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	15	1.7	1
1,4-Dioxane	ND		ug/kg	300	52.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-03 Date Collected: 05/24/12 09:45

Client ID: SB-2 (0'-2') Date Received: 05/29/12

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-04	Date Collected:	05/24/12 10:00
Client ID:	SB-2 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	06/01/12 23:29		
Analyst:	JL		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	2.2	J	ug/kg	26	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.0	0.78	1
Chloroform	ND		ug/kg	4.0	0.86	1
Carbon tetrachloride	ND		ug/kg	2.6	0.56	1
Tetrachloroethene	ND		ug/kg	2.6	0.81	1
Chlorobenzene	ND		ug/kg	2.6	0.50	1
1,2-Dichloroethane	ND		ug/kg	2.6	0.60	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	0.72	1
Benzene	ND		ug/kg	2.6	0.79	1
Toluene	ND		ug/kg	4.0	0.64	1
Ethylbenzene	ND		ug/kg	2.6	0.59	1
Vinyl chloride	ND		ug/kg	5.3	2.0	1
1,1-Dichloroethene	ND		ug/kg	2.6	0.69	1
trans-1,2-Dichloroethene	ND		ug/kg	4.0	1.0	1
Trichloroethene	ND		ug/kg	2.6	0.60	1
1,2-Dichlorobenzene	ND		ug/kg	13	0.97	1
1,3-Dichlorobenzene	ND		ug/kg	13	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	13	1.1	1
Methyl tert butyl ether	ND		ug/kg	5.3	1.3	1
p/m-Xylene	ND		ug/kg	5.3	1.1	1
o-Xylene	ND		ug/kg	5.3	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.6	0.80	1
Acetone	ND		ug/kg	26	8.6	1
2-Butanone	ND		ug/kg	26	10.	1
n-Butylbenzene	ND		ug/kg	2.6	0.84	1
sec-Butylbenzene	ND		ug/kg	2.6	0.73	1
tert-Butylbenzene	ND		ug/kg	13	1.6	1
n-Propylbenzene	ND		ug/kg	2.6	0.76	1
1,3,5-Trimethylbenzene	ND		ug/kg	13	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	13	1.5	1
1,4-Dioxane	ND		ug/kg	260	46.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-04 Date Collected: 05/24/12 10:00

Client ID: SB-2 (10'-12') Date Received: 05/29/12

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-05	Date Collected:	05/24/12 14:00
Client ID:	SB-3	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	06/03/12 12:04		
Analyst:	BN		
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	2.6	J	ug/kg	26	2.1	1
1,1-Dichloroethane	ND		ug/kg	3.9	0.76	1
Chloroform	ND		ug/kg	3.9	0.84	1
Carbon tetrachloride	ND		ug/kg	2.6	0.54	1
Tetrachloroethene	ND		ug/kg	2.6	0.79	1
Chlorobenzene	ND		ug/kg	2.6	0.48	1
1,2-Dichloroethane	ND		ug/kg	2.6	0.59	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	0.70	1
Benzene	ND		ug/kg	2.6	0.76	1
Toluene	ND		ug/kg	3.9	0.62	1
Ethylbenzene	ND		ug/kg	2.6	0.57	1
Vinyl chloride	ND		ug/kg	5.2	1.9	1
1,1-Dichloroethene	ND		ug/kg	2.6	0.67	1
trans-1,2-Dichloroethene	ND		ug/kg	3.9	1.0	1
Trichloroethene	ND		ug/kg	2.6	0.58	1
1,2-Dichlorobenzene	ND		ug/kg	13	0.94	1
1,3-Dichlorobenzene	ND		ug/kg	13	1.0	1
1,4-Dichlorobenzene	ND		ug/kg	13	1.1	1
Methyl tert butyl ether	ND		ug/kg	5.2	1.2	1
p/m-Xylene	ND		ug/kg	5.2	1.1	1
o-Xylene	ND		ug/kg	5.2	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.6	0.78	1
Acetone	ND		ug/kg	26	8.3	1
2-Butanone	ND		ug/kg	26	10.	1
n-Butylbenzene	ND		ug/kg	2.6	0.81	1
sec-Butylbenzene	ND		ug/kg	2.6	0.71	1
tert-Butylbenzene	ND		ug/kg	13	1.6	1
n-Propylbenzene	ND		ug/kg	2.6	0.73	1
1,3,5-Trimethylbenzene	ND		ug/kg	13	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	13	1.5	1
1,4-Dioxane	ND		ug/kg	260	45.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-05 Date Collected: 05/24/12 14:00

Client ID: SB-3 Date Received: 05/29/12

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-06	Date Collected:	05/24/12 10:30
Client ID:	SB-4 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	06/03/12 12:32		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	28	2.3	1
1,1-Dichloroethane	ND		ug/kg	4.2	0.82	1
Chloroform	ND		ug/kg	4.2	0.90	1
Carbon tetrachloride	ND		ug/kg	2.8	0.59	1
Tetrachloroethene	ND		ug/kg	2.8	0.85	1
Chlorobenzene	ND		ug/kg	2.8	0.52	1
1,2-Dichloroethane	ND		ug/kg	2.8	0.63	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	0.75	1
Benzene	ND		ug/kg	2.8	0.82	1
Toluene	ND		ug/kg	4.2	0.67	1
Ethylbenzene	ND		ug/kg	2.8	0.62	1
Vinyl chloride	ND		ug/kg	5.6	2.1	1
1,1-Dichloroethene	ND		ug/kg	2.8	0.72	1
trans-1,2-Dichloroethene	ND		ug/kg	4.2	1.1	1
Trichloroethene	ND		ug/kg	2.8	0.62	1
1,2-Dichlorobenzene	ND		ug/kg	14	1.0	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.2	1
Methyl tert butyl ether	ND		ug/kg	5.6	1.4	1
p/m-Xylene	ND		ug/kg	5.6	1.2	1
o-Xylene	ND		ug/kg	5.6	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	2.8	0.84	1
Acetone	ND		ug/kg	28	9.0	1
2-Butanone	ND		ug/kg	28	11.	1
n-Butylbenzene	ND		ug/kg	2.8	0.87	1
sec-Butylbenzene	ND		ug/kg	2.8	0.76	1
tert-Butylbenzene	ND		ug/kg	14	1.7	1
n-Propylbenzene	ND		ug/kg	2.8	0.79	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,4-Dioxane	ND		ug/kg	280	48.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-06 Date Collected: 05/24/12 10:30

Client ID: SB-4 (0'-2') Date Received: 05/29/12

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	94		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-07	Date Collected:	05/24/12 10:40
Client ID:	SB-4 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	06/03/12 13:00		
Analyst:	BN		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	26	2.1	1
1,1-Dichloroethane	ND		ug/kg	3.9	0.77	1
Chloroform	ND		ug/kg	3.9	0.84	1
Carbon tetrachloride	ND		ug/kg	2.6	0.55	1
Tetrachloroethene	ND		ug/kg	2.6	0.80	1
Chlorobenzene	ND		ug/kg	2.6	0.48	1
1,2-Dichloroethane	ND		ug/kg	2.6	0.59	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	0.70	1
Benzene	ND		ug/kg	2.6	0.77	1
Toluene	ND		ug/kg	3.9	0.63	1
Ethylbenzene	ND		ug/kg	2.6	0.58	1
Vinyl chloride	ND		ug/kg	5.2	2.0	1
1,1-Dichloroethene	ND		ug/kg	2.6	0.68	1
trans-1,2-Dichloroethene	ND		ug/kg	3.9	1.0	1
Trichloroethene	ND		ug/kg	2.6	0.58	1
1,2-Dichlorobenzene	ND		ug/kg	13	0.95	1
1,3-Dichlorobenzene	ND		ug/kg	13	1.0	1
1,4-Dichlorobenzene	ND		ug/kg	13	1.1	1
Methyl tert butyl ether	ND		ug/kg	5.2	1.3	1
p/m-Xylene	ND		ug/kg	5.2	1.1	1
o-Xylene	ND		ug/kg	5.2	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.6	0.78	1
Acetone	ND		ug/kg	26	8.4	1
2-Butanone	ND		ug/kg	26	10.	1
n-Butylbenzene	ND		ug/kg	2.6	0.82	1
sec-Butylbenzene	ND		ug/kg	2.6	0.72	1
tert-Butylbenzene	ND		ug/kg	13	1.6	1
n-Propylbenzene	ND		ug/kg	2.6	0.74	1
1,3,5-Trimethylbenzene	ND		ug/kg	13	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	13	1.5	1
1,4-Dioxane	ND		ug/kg	260	45.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-07 Date Collected: 05/24/12 10:40

Client ID: SB-4 (10'-12') Date Received: 05/29/12

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-08	Date Collected:	05/24/12 11:00
Client ID:	SB-5 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	06/03/12 13:28		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	27	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.1	0.80	1
Chloroform	ND		ug/kg	4.1	0.88	1
Carbon tetrachloride	ND		ug/kg	2.7	0.57	1
Tetrachloroethene	ND		ug/kg	2.7	0.83	1
Chlorobenzene	ND		ug/kg	2.7	0.50	1
1,2-Dichloroethane	ND		ug/kg	2.7	0.62	1
1,1,1-Trichloroethane	ND		ug/kg	2.7	0.73	1
Benzene	ND		ug/kg	2.7	0.81	1
Toluene	ND		ug/kg	4.1	0.66	1
Ethylbenzene	ND		ug/kg	2.7	0.60	1
Vinyl chloride	ND		ug/kg	5.4	2.0	1
1,1-Dichloroethene	ND		ug/kg	2.7	0.70	1
trans-1,2-Dichloroethene	ND		ug/kg	4.1	1.1	1
Trichloroethene	ND		ug/kg	2.7	0.61	1
1,2-Dichlorobenzene	ND		ug/kg	14	0.99	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.1	1
Methyl tert butyl ether	ND		ug/kg	5.4	1.3	1
p/m-Xylene	ND		ug/kg	5.4	1.2	1
o-Xylene	ND		ug/kg	5.4	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.7	0.82	1
Acetone	ND		ug/kg	27	8.8	1
2-Butanone	ND		ug/kg	27	10.	1
n-Butylbenzene	ND		ug/kg	2.7	0.85	1
sec-Butylbenzene	ND		ug/kg	2.7	0.75	1
tert-Butylbenzene	ND		ug/kg	14	1.6	1
n-Propylbenzene	ND		ug/kg	2.7	0.77	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,4-Dioxane	ND		ug/kg	270	47.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-08 Date Collected: 05/24/12 11:00

Client ID: SB-5 (0'-2') Date Received: 05/29/12

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-09	Date Collected:	05/24/12 11:20
Client ID:	SB-5 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260B		
Analytical Date:	06/03/12 13:56		
Analyst:	BN		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	26	2.2	1
1,1-Dichloroethane	ND		ug/kg	4.0	0.78	1
Chloroform	ND		ug/kg	4.0	0.86	1
Carbon tetrachloride	ND		ug/kg	2.6	0.56	1
Tetrachloroethene	ND		ug/kg	2.6	0.81	1
Chlorobenzene	ND		ug/kg	2.6	0.50	1
1,2-Dichloroethane	ND		ug/kg	2.6	0.60	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	0.72	1
Benzene	ND		ug/kg	2.6	0.79	1
Toluene	ND		ug/kg	4.0	0.64	1
Ethylbenzene	ND		ug/kg	2.6	0.59	1
Vinyl chloride	ND		ug/kg	5.3	2.0	1
1,1-Dichloroethene	ND		ug/kg	2.6	0.69	1
trans-1,2-Dichloroethene	ND		ug/kg	4.0	1.0	1
Trichloroethene	ND		ug/kg	2.6	0.60	1
1,2-Dichlorobenzene	ND		ug/kg	13	0.97	1
1,3-Dichlorobenzene	ND		ug/kg	13	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	13	1.1	1
Methyl tert butyl ether	ND		ug/kg	5.3	1.3	1
p/m-Xylene	ND		ug/kg	5.3	1.1	1
o-Xylene	ND		ug/kg	5.3	1.1	1
cis-1,2-Dichloroethene	ND		ug/kg	2.6	0.80	1
Acetone	ND		ug/kg	26	8.6	1
2-Butanone	ND		ug/kg	26	10.	1
n-Butylbenzene	ND		ug/kg	2.6	0.84	1
sec-Butylbenzene	ND		ug/kg	2.6	0.73	1
tert-Butylbenzene	ND		ug/kg	13	1.6	1
n-Propylbenzene	ND		ug/kg	2.6	0.76	1
1,3,5-Trimethylbenzene	ND		ug/kg	13	1.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	13	1.5	1
1,4-Dioxane	ND		ug/kg	260	46.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-09 Date Collected: 05/24/12 11:20

Client ID: SB-5 (10'-12') Date Received: 05/29/12

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 06/01/12 13:03
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG539592-3					
Methylene chloride	ND		ug/kg	25	2.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Vinyl chloride	ND		ug/kg	5.0	1.9
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0
Methyl tert butyl ether	ND		ug/kg	5.0	1.2
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Acetone	ND		ug/kg	25	8.1
2-Butanone	ND		ug/kg	25	9.7
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
n-Propylbenzene	ND		ug/kg	2.5	0.71
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
1,4-Dioxane	ND		ug/kg	250	44.

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 06/01/12 13:03
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG539592-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 06/03/12 10:11
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG539721-3					
Methylene chloride	3.4	J	ug/kg	25	2.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Vinyl chloride	ND		ug/kg	5.0	1.9
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0
Methyl tert butyl ether	ND		ug/kg	5.0	1.2
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Acetone	ND		ug/kg	25	8.1
2-Butanone	ND		ug/kg	25	9.7
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
n-Propylbenzene	ND		ug/kg	2.5	0.71
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
1,4-Dioxane	ND		ug/kg	250	44.

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 06/03/12 10:11
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-09 Batch: WG539721-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG539592-1 WG539592-2								
Methylene chloride	103		103		70-130	0		30
1,1-Dichloroethane	99		100		70-130	1		30
Chloroform	97		95		70-130	2		30
Carbon tetrachloride	102		102		70-130	0		30
1,2-Dichloropropane	98		99		70-130	1		30
Dibromochloromethane	91		94		70-130	3		30
1,1,2-Trichloroethane	89		92		70-130	3		30
Tetrachloroethene	94		92		70-130	2		30
Chlorobenzene	91		92		70-130	1		30
Trichlorofluoromethane	129		127		70-139	2		30
1,2-Dichloroethane	100		102		70-130	2		30
1,1,1-Trichloroethane	99		98		70-130	1		30
Bromodichloromethane	98		99		70-130	1		30
trans-1,3-Dichloropropene	88		90		70-130	2		30
cis-1,3-Dichloropropene	94		94		70-130	0		30
1,1-Dichloropropene	99		98		70-130	1		30
Bromoform	90		96		70-130	6		30
1,1,2,2-Tetrachloroethane	86		89		70-130	3		30
Benzene	96		96		70-130	0		30
Toluene	90		90		70-130	0		30
Ethylbenzene	92		92		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG539592-1 WG539592-2								
Chloromethane	108		112		52-130	4		30
Bromomethane	**149**	Q	**154**	Q	57-147	3		30
Vinyl chloride	106		107		67-130	1		30
Chloroethane	128		135		50-151	5		30
1,1-Dichloroethene	97		98		65-135	1		30
trans-1,2-Dichloroethene	95		96		70-130	1		30
Trichloroethene	99		99		70-130	0		30
1,2-Dichlorobenzene	88		90		70-130	2		30
1,3-Dichlorobenzene	90		92		70-130	2		30
1,4-Dichlorobenzene	90		92		70-130	2		30
Methyl tert butyl ether	90		93		66-130	3		30
p/m-Xylene	91		92		70-130	1		30
o-Xylene	91		91		70-130	0		30
cis-1,2-Dichloroethene	96		94		70-130	2		30
Dibromomethane	96		97		70-130	1		30
Styrene	90		91		70-130	1		30
Dichlorodifluoromethane	104		106		30-146	2		30
Acetone	117		106		54-140	10		30
Carbon disulfide	101		100		59-130	1		30
2-Butanone	97		93		70-130	4		30
Vinyl acetate	95		98		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG539592-1 WG539592-2								
4-Methyl-2-pentanone	89		90		70-130	1		30
1,2,3-Trichloropropane	87		91		68-130	4		30
2-Hexanone	88		92		70-130	4		30
Bromochloromethane	97		98		70-130	1		30
2,2-Dichloropropane	98		98		70-130	0		30
1,2-Dibromoethane	87		91		70-130	4		30
1,3-Dichloropropane	91		92		69-130	1		30
1,1,1,2-Tetrachloroethane	90		91		70-130	1		30
Bromobenzene	88		90		70-130	2		30
n-Butylbenzene	93		95		70-130	2		30
sec-Butylbenzene	91		93		70-130	2		30
tert-Butylbenzene	90		91		70-130	1		30
o-Chlorotoluene	92		93		70-130	1		30
p-Chlorotoluene	92		94		70-130	2		30
1,2-Dibromo-3-chloropropane	88		119		68-130	30		30
Hexachlorobutadiene	83		85		67-130	2		30
Isopropylbenzene	91		92		70-130	1		30
p-Isopropyltoluene	90		91		70-130	1		30
Naphthalene	77		81		70-130	5		30
Acrylonitrile	95		97		70-130	2		30
Isopropyl Ether	103		103		66-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG539592-1 WG539592-2								
tert-Butyl Alcohol	72		78		70-130	8		30
n-Propylbenzene	94		95		70-130	1		30
1,2,3-Trichlorobenzene	81		84		70-130	4		30
1,2,4-Trichlorobenzene	84		87		70-130	4		30
1,3,5-Trimethylbenzene	90		92		70-130	2		30
1,2,4-Trimethylbenzene	89		91		70-130	2		30
Methyl Acetate	92		94		70-130	2		30
Ethyl Acetate	96		97		70-130	1		30
Acrolein	86		90		70-130	5		30
Cyclohexane	111		109		70-130	2		30
1,4-Dioxane	83		85		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		106		70-130	1		30
1,4-Diethylbenzene	90		92		70-130	2		30
4-Ethyltoluene	91		93		70-130	2		30
1,2,4,5-Tetramethylbenzene	84		86		70-130	2		30
Ethyl ether	112		115		67-130	3		30
trans-1,4-Dichloro-2-butene	92		95		70-130	3		30
Methyl cyclohexane	106		105		70-130	1		30
Ethyl-Tert-Butyl-Ether	96		98		70-130	2		30
Tertiary-Amyl Methyl Ether	90		91		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG539592-1 WG539592-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	101		99		70-130

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG539721-1 WG539721-2								
Methylene chloride	99		101		70-130	2		30
1,1-Dichloroethane	92		95		70-130	3		30
Chloroform	91		94		70-130	3		30
Carbon tetrachloride	85		92		70-130	8		30
1,2-Dichloropropane	97		96		70-130	1		30
Dibromochloromethane	93		92		70-130	1		30
1,1,2-Trichloroethane	91		92		70-130	1		30
Tetrachloroethene	80		88		70-130	10		30
Chlorobenzene	86		90		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG539721-1 WG539721-2								
Trichlorofluoromethane	100		110		70-139	10		30
1,2-Dichloroethane	98		97		70-130	1		30
1,1,1-Trichloroethane	85		91		70-130	7		30
Bromodichloromethane	99		96		70-130	3		30
trans-1,3-Dichloropropene	87		88		70-130	1		30
cis-1,3-Dichloropropene	93		92		70-130	1		30
1,1-Dichloropropene	83		90		70-130	8		30
Bromoform	97		93		70-130	4		30
1,1,2,2-Tetrachloroethane	86		86		70-130	0		30
Benzene	90		94		70-130	4		30
Toluene	83		88		70-130	6		30
Ethylbenzene	82		88		70-130	7		30
Chloromethane	101		106		52-130	5		30
Bromomethane	135		133		57-147	1		30
Vinyl chloride	90		96		67-130	6		30
Chloroethane	102		112		50-151	9		30
1,1-Dichloroethene	82		90		65-135	9		30
trans-1,2-Dichloroethene	86		90		70-130	5		30
Trichloroethene	91		95		70-130	4		30
1,2-Dichlorobenzene	88		88		70-130	0		30
1,3-Dichlorobenzene	86		89		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG539721-1 WG539721-2								
1,4-Dichlorobenzene	87		90		70-130	3		30
Methyl tert butyl ether	94		91		66-130	3		30
p/m-Xylene	83		88		70-130	6		30
o-Xylene	85		89		70-130	5		30
cis-1,2-Dichloroethene	90		94		70-130	4		30
Dibromomethane	97		94		70-130	3		30
Styrene	88		91		70-130	3		30
Dichlorodifluoromethane	79		91		30-146	14		30
Acetone	104		107		54-140	3		30
Carbon disulfide	86		94		59-130	9		30
2-Butanone	99		100		70-130	1		30
Vinyl acetate	100		97		70-130	3		30
4-Methyl-2-pentanone	93		94		70-130	1		30
1,2,3-Trichloropropane	88		85		68-130	3		30
2-Hexanone	89		89		70-130	0		30
Bromochloromethane	98		96		70-130	2		30
2,2-Dichloropropane	83		88		70-130	6		30
1,2-Dibromoethane	88		89		70-130	1		30
1,3-Dichloropropane	92		92		69-130	0		30
1,1,1,2-Tetrachloroethane	87		90		70-130	3		30
Bromobenzene	87		89		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG539721-1 WG539721-2								
n-Butylbenzene	80		87		70-130	8		30
sec-Butylbenzene	78		85		70-130	9		30
tert-Butylbenzene	78		84		70-130	7		30
o-Chlorotoluene	84		88		70-130	5		30
p-Chlorotoluene	85		88		70-130	3		30
1,2-Dibromo-3-chloropropane	90		87		68-130	3		30
Hexachlorobutadiene	73		80		67-130	9		30
Isopropylbenzene	80		85		70-130	6		30
p-Isopropyltoluene	78		84		70-130	7		30
Naphthalene	79		80		70-130	1		30
Acrylonitrile	104		101		70-130	3		30
Isopropyl Ether	108		107		66-130	1		30
tert-Butyl Alcohol	80		78		70-130	3		30
n-Propylbenzene	82		87		70-130	6		30
1,2,3-Trichlorobenzene	82		83		70-130	1		30
1,2,4-Trichlorobenzene	85		86		70-130	1		30
1,3,5-Trimethylbenzene	82		86		70-130	5		30
1,2,4-Trimethylbenzene	82		86		70-130	5		30
Methyl Acetate	100		99		70-130	1		30
Ethyl Acetate	104		102		70-130	2		30
Acrolein	94		91		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-09 Batch: WG539721-1 WG539721-2								
Cyclohexane	92		103		70-130	11		30
1,4-Dioxane	94		87		65-136	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	87		98		70-130	12		30
1,4-Diethylbenzene	79		84		70-130	6		30
4-Ethyltoluene	81		86		70-130	6		30
1,2,4,5-Tetramethylbenzene	78		82		70-130	5		30
Ethyl ether	120		116		67-130	3		30
trans-1,4-Dichloro-2-butene	93		92		70-130	1		30
Methyl cyclohexane	85		95		70-130	11		30
Ethyl-Tert-Butyl-Ether	99		98		70-130	1		30
Tertiary-Amyl Methyl Ether	92		91		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		98		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	102		99		70-130

SEMIVOLATILES

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-01	Date Collected:	05/24/12 08:50
Client ID:	SB-1 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	05/30/12 16:08
Analytical Date:	06/01/12 11:31		
Analyst:	JB		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	42.	1
Hexachlorobenzene	ND		ug/kg	120	31.	1
Fluoranthene	ND		ug/kg	120	26.	1
Naphthalene	ND		ug/kg	200	62.	1
Benzo(a)anthracene	ND		ug/kg	120	39.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	30.	1
Chrysene	ND		ug/kg	120	31.	1
Acenaphthylene	ND		ug/kg	160	51.	1
Anthracene	ND		ug/kg	120	27.	1
Benzo(ghi)perylene	ND		ug/kg	160	50.	1
Fluorene	ND		ug/kg	200	36.	1
Phenanthrene	ND		ug/kg	120	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	36.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	48.	1
Pyrene	ND		ug/kg	120	32.	1
Dibenzofuran	ND		ug/kg	200	40.	1
Pentachlorophenol	ND		ug/kg	160	47.	1
Phenol	ND		ug/kg	200	62.	1
2-Methylphenol	ND		ug/kg	200	48.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	85.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	61		0-136
4-Terphenyl-d14	77		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-02	Date Collected:	05/24/12 09:10
Client ID:	SB-1 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	05/30/12 16:08
Analytical Date:	06/01/12 11:56		
Analyst:	JB		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	1
Hexachlorobenzene	ND		ug/kg	100	27.	1
Fluoranthene	ND		ug/kg	100	22.	1
Naphthalene	ND		ug/kg	170	54.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	26.	1
Chrysene	ND		ug/kg	100	27.	1
Acenaphthylene	ND		ug/kg	140	44.	1
Anthracene	ND		ug/kg	100	24.	1
Benzo(ghi)perylene	ND		ug/kg	140	43.	1
Fluorene	ND		ug/kg	170	31.	1
Phenanthrene	ND		ug/kg	100	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	32.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	42.	1
Pyrene	ND		ug/kg	100	28.	1
Dibenzofuran	ND		ug/kg	170	35.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	170	54.	1
2-Methylphenol	ND		ug/kg	170	42.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	74.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	46		30-120
2,4,6-Tribromophenol	65		0-136
4-Terphenyl-d14	82		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-03	Date Collected:	05/24/12 09:45
Client ID:	SB-2 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	05/30/12 16:08
Analytical Date:	06/01/12 12:22		
Analyst:	JB		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	42.	1
Hexachlorobenzene	ND		ug/kg	120	30.	1
Fluoranthene	ND		ug/kg	120	25.	1
Naphthalene	ND		ug/kg	190	61.	1
Benzo(a)anthracene	ND		ug/kg	120	38.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	30.	1
Chrysene	ND		ug/kg	120	30.	1
Acenaphthylene	ND		ug/kg	150	50.	1
Anthracene	ND		ug/kg	120	27.	1
Benzo(ghi)perylene	ND		ug/kg	150	49.	1
Fluorene	ND		ug/kg	190	36.	1
Phenanthrene	ND		ug/kg	120	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	36.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	47.	1
Pyrene	ND		ug/kg	120	32.	1
Dibenzofuran	ND		ug/kg	190	40.	1
Pentachlorophenol	ND		ug/kg	150	46.	1
Phenol	ND		ug/kg	190	61.	1
2-Methylphenol	ND		ug/kg	190	48.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	84.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	55		0-136
4-Terphenyl-d14	76		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-04	Date Collected:	05/24/12 10:00
Client ID:	SB-2 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	05/30/12 16:08
Analytical Date:	06/01/12 12:47		
Analyst:	JB		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	1
Hexachlorobenzene	ND		ug/kg	100	27.	1
Fluoranthene	ND		ug/kg	100	23.	1
Naphthalene	ND		ug/kg	170	55.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	31.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	27.	1
Acenaphthylene	ND		ug/kg	140	45.	1
Anthracene	ND		ug/kg	100	24.	1
Benzo(ghi)perylene	ND		ug/kg	140	44.	1
Fluorene	ND		ug/kg	170	32.	1
Phenanthrene	ND		ug/kg	100	29.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	32.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	42.	1
Pyrene	ND		ug/kg	100	29.	1
Dibenzofuran	ND		ug/kg	170	36.	1
Pentachlorophenol	ND		ug/kg	140	41.	1
Phenol	ND		ug/kg	170	54.	1
2-Methylphenol	ND		ug/kg	170	43.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	75.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	65		0-136
4-Terphenyl-d14	88		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-05	Date Collected:	05/24/12 14:00
Client ID:	SB-3	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	05/30/12 16:08
Analytical Date:	06/01/12 13:12		
Analyst:	JB		
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	100	26.	1
Fluoranthene	100		ug/kg	100	22.	1
Naphthalene	ND		ug/kg	170	54.	1
Benzo(a)anthracene	45	J	ug/kg	100	34.	1
Benzo(a)pyrene	42	J	ug/kg	140	40.	1
Benzo(b)fluoranthene	58	J	ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	26.	1
Chrysene	54	J	ug/kg	100	26.	1
Acenaphthylene	ND		ug/kg	140	44.	1
Anthracene	ND		ug/kg	100	23.	1
Benzo(ghi)perylene	ND		ug/kg	140	43.	1
Fluorene	ND		ug/kg	170	31.	1
Phenanthrene	130		ug/kg	100	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	31.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	41.	1
Pyrene	100		ug/kg	100	28.	1
Dibenzofuran	ND		ug/kg	170	35.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	170	53.	1
2-Methylphenol	ND		ug/kg	170	42.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	73.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	74		0-136
4-Terphenyl-d14	81		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-06	Date Collected:	05/24/12 10:30
Client ID:	SB-4 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	05/31/12 09:40
Analytical Date:	06/01/12 13:38		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	39.	1
Hexachlorobenzene	ND		ug/kg	110	28.	1
Fluoranthene	ND		ug/kg	110	24.	1
Naphthalene	ND		ug/kg	180	57.	1
Benzo(a)anthracene	ND		ug/kg	110	36.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	28.	1
Acenaphthylene	ND		ug/kg	140	47.	1
Anthracene	ND		ug/kg	110	25.	1
Benzo(ghi)perylene	ND		ug/kg	140	46.	1
Fluorene	ND		ug/kg	180	33.	1
Phenanthrene	ND		ug/kg	110	30.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	34.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	44.	1
Pyrene	ND		ug/kg	110	30.	1
Dibenzofuran	ND		ug/kg	180	37.	1
Pentachlorophenol	ND		ug/kg	140	43.	1
Phenol	ND		ug/kg	180	57.	1
2-Methylphenol	ND		ug/kg	180	44.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	78.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	71		0-136
4-Terphenyl-d14	88		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-07	Date Collected:	05/24/12 10:40
Client ID:	SB-4 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	05/31/12 09:40
Analytical Date:	06/01/12 14:03		
Analyst:	RC		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	1
Hexachlorobenzene	ND		ug/kg	100	27.	1
Fluoranthene	ND		ug/kg	100	22.	1
Naphthalene	ND		ug/kg	170	54.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	26.	1
Chrysene	ND		ug/kg	100	27.	1
Acenaphthylene	ND		ug/kg	140	44.	1
Anthracene	ND		ug/kg	100	24.	1
Benzo(ghi)perylene	ND		ug/kg	140	43.	1
Fluorene	ND		ug/kg	170	31.	1
Phenanthrene	ND		ug/kg	100	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	32.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	42.	1
Pyrene	ND		ug/kg	100	28.	1
Dibenzofuran	ND		ug/kg	170	35.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	170	54.	1
2-Methylphenol	ND		ug/kg	170	42.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	74.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	77		0-136
4-Terphenyl-d14	90		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-08	Date Collected:	05/24/12 11:00
Client ID:	SB-5 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	05/31/12 09:40
Analytical Date:	06/01/12 14:29		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	39.	1
Hexachlorobenzene	ND		ug/kg	110	28.	1
Fluoranthene	ND		ug/kg	110	23.	1
Naphthalene	ND		ug/kg	180	57.	1
Benzo(a)anthracene	ND		ug/kg	110	35.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	28.	1
Acenaphthylene	ND		ug/kg	140	46.	1
Anthracene	ND		ug/kg	110	25.	1
Benzo(ghi)perylene	ND		ug/kg	140	45.	1
Fluorene	ND		ug/kg	180	33.	1
Phenanthrene	ND		ug/kg	110	30.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	44.	1
Pyrene	ND		ug/kg	110	29.	1
Dibenzofuran	ND		ug/kg	180	37.	1
Pentachlorophenol	ND		ug/kg	140	42.	1
Phenol	ND		ug/kg	180	56.	1
2-Methylphenol	ND		ug/kg	180	44.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	77.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	73		0-136
4-Terphenyl-d14	87		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-09	Date Collected:	05/24/12 11:20
Client ID:	SB-5 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270C	Extraction Date:	05/31/12 09:40
Analytical Date:	06/01/12 14:55		
Analyst:	RC		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	1
Hexachlorobenzene	ND		ug/kg	100	27.	1
Fluoranthene	ND		ug/kg	100	22.	1
Naphthalene	ND		ug/kg	170	55.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	31.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	27.	1
Acenaphthylene	ND		ug/kg	140	45.	1
Anthracene	ND		ug/kg	100	24.	1
Benzo(ghi)perylene	ND		ug/kg	140	44.	1
Fluorene	ND		ug/kg	170	32.	1
Phenanthrene	ND		ug/kg	100	29.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	32.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	42.	1
Pyrene	ND		ug/kg	100	28.	1
Dibenzofuran	ND		ug/kg	170	36.	1
Pentachlorophenol	ND		ug/kg	140	41.	1
Phenol	ND		ug/kg	170	54.	1
2-Methylphenol	ND		ug/kg	170	42.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	75.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	58		0-136
4-Terphenyl-d14	73		18-120

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 05/31/12 09:40
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 05/30/12 16:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG538984-1					
Acenaphthene	ND		ug/kg	130	36.
Hexachlorobenzene	ND		ug/kg	99	26.
Fluoranthene	ND		ug/kg	99	22.
Naphthalene	ND		ug/kg	160	52.
Benzo(a)anthracene	ND		ug/kg	99	33.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	99	29.
Benzo(k)fluoranthene	ND		ug/kg	99	25.
Chrysene	ND		ug/kg	99	26.
Acenaphthylene	ND		ug/kg	130	43.
Anthracene	ND		ug/kg	99	23.
Benzo(ghi)perylene	ND		ug/kg	130	42.
Fluorene	ND		ug/kg	160	30.
Phenanthrene	ND		ug/kg	99	28.
Dibenzo(a,h)anthracene	ND		ug/kg	99	31.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	40.
Pyrene	ND		ug/kg	99	27.
Dibenzofuran	ND		ug/kg	160	34.
Pentachlorophenol	ND		ug/kg	130	39.
Phenol	ND		ug/kg	160	52.
2-Methylphenol	ND		ug/kg	160	41.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	72.

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 05/31/12 09:40
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 05/30/12 16:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG538984-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	82		0-136
4-Terphenyl-d14	85		18-120

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 06/01/12 13:29
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 05/31/12 09:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-09 Batch: WG539154-1					
Acenaphthene	ND		ug/kg	130	35.
Hexachlorobenzene	ND		ug/kg	98	26.
Fluoranthene	ND		ug/kg	98	21.
Naphthalene	ND		ug/kg	160	52.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	98	29.
Benzo(k)fluoranthene	ND		ug/kg	98	25.
Chrysene	ND		ug/kg	98	26.
Acenaphthylene	ND		ug/kg	130	42.
Anthracene	ND		ug/kg	98	23.
Benzo(ghi)perylene	ND		ug/kg	130	41.
Fluorene	ND		ug/kg	160	30.
Phenanthrene	ND		ug/kg	98	27.
Dibenzo(a,h)anthracene	ND		ug/kg	98	30.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	40.
Pyrene	ND		ug/kg	98	27.
Dibenzofuran	ND		ug/kg	160	34.
Pentachlorophenol	ND		ug/kg	130	39.
Phenol	ND		ug/kg	160	52.
2-Methylphenol	ND		ug/kg	160	40.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	71.

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270C
Analytical Date: 06/01/12 13:29
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 05/31/12 09:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-09 Batch: WG539154-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	68		0-136
4-Terphenyl-d14	95		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG538984-2 WG538984-3								
Acenaphthene	73		78		31-137	7		50
1,2,4-Trichlorobenzene	59		63		38-107	7		50
Hexachlorobenzene	80		84		40-140	5		50
Bis(2-chloroethyl)ether	64		68		40-140	6		50
2-Chloronaphthalene	68		74		40-140	8		50
1,2-Dichlorobenzene	61		67		40-140	9		50
1,3-Dichlorobenzene	62		68		40-140	9		50
1,4-Dichlorobenzene	59		67		28-104	13		50
3,3'-Dichlorobenzidine	**38**	Q	**36**	Q	40-140	5		50
2,4-Dinitrotoluene	**92**	Q	**94**	Q	28-89	2		50
2,6-Dinitrotoluene	85		87		40-140	2		50
Fluoranthene	89		86		40-140	3		50
4-Chlorophenyl phenyl ether	78		81		40-140	4		50
4-Bromophenyl phenyl ether	83		86		40-140	4		50
Bis(2-chloroisopropyl)ether	59		62		40-140	5		50
Bis(2-chloroethoxy)methane	65		68		40-117	5		50
Hexachlorobutadiene	64		69		40-140	8		50
Hexachlorocyclopentadiene	56		62		40-140	10		50
Hexachloroethane	59		67		40-140	13		50
Isophorone	64		68		40-140	6		50
Naphthalene	63		69		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG538984-2 WG538984-3								
Nitrobenzene	65		70		40-140	7		50
NitrosoDiPhenylAmine(NDPA)/DPA	42		42			0		50
n-Nitrosodi-n-propylamine	65		69		32-121	6		50
Bis(2-Ethylhexyl)phthalate	97		96		40-140	1		50
Butyl benzyl phthalate	96		93		40-140	3		50
Di-n-butylphthalate	93		92		40-140	1		50
Di-n-octylphthalate	107		104		40-140	3		50
Diethyl phthalate	85		86		40-140	1		50
Dimethyl phthalate	83		84		40-140	1		50
Benzo(a)anthracene	86		86		40-140	0		50
Benzo(a)pyrene	89		87		40-140	2		50
Benzo(b)fluoranthene	86		87		40-140	1		50
Benzo(k)fluoranthene	84		83		40-140	1		50
Chrysene	85		84		40-140	1		50
Acenaphthylene	74		78		40-140	5		50
Anthracene	87		86		40-140	1		50
Benzo(ghi)perylene	88		88		40-140	0		50
Fluorene	80		83		40-140	4		50
Phenanthrene	85		84		40-140	1		50
Dibenzo(a,h)anthracene	91		90		40-140	1		50
Indeno(1,2,3-cd)Pyrene	94		92		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG538984-2 WG538984-3								
Pyrene	87		86		35-142	1		50
Biphenyl	71		76			7		50
4-Chloroaniline	51		42		40-140	19		50
2-Nitroaniline	86		87		47-134	1		50
3-Nitroaniline	63		60		26-129	5		50
4-Nitroaniline	79		81		41-125	3		50
Dibenzofuran	75		81		40-140	8		50
2-Methylnaphthalene	66		72		40-140	9		50
1,2,4,5-Tetrachlorobenzene	66		74		40-117	11		50
Acetophenone	33		35		14-144	6		50
2,4,6-Trichlorophenol	84		82		30-130	2		50
P-Chloro-M-Cresol	84		85		26-103	1		50
2-Chlorophenol	66		70		25-102	6		50
2,4-Dichlorophenol	72		76		30-130	5		50
2,4-Dimethylphenol	69		73		30-130	6		50
2-Nitrophenol	68		72		30-130	6		50
4-Nitrophenol	88		84		11-114	5		50
2,4-Dinitrophenol	77		71		4-130	8		50
4,6-Dinitro-o-cresol	86		79		10-130	8		50
Pentachlorophenol	86		81		17-109	6		50
Phenol	70		74		26-90	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG538984-2 WG538984-3								
2-Methylphenol	68		70		30-130.	3		50
3-Methylphenol/4-Methylphenol	71		74		30-130	4		50
2,4,5-Trichlorophenol	82		80		30-130	2		50
Benzoic Acid	20		21			5		50
Benzyl Alcohol	67		72		40-140	7		50
Carbazole	88		86		54-128	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		70		25-120
Phenol-d6	67		71		10-120
Nitrobenzene-d5	61		67		23-120
2-Fluorobiphenyl	65		72		30-120
2,4,6-Tribromophenol	89		83		0-136
4-Terphenyl-d14	94		92		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-09 Batch: WG539154-2 WG539154-3								
Acenaphthene	75		82		31-137	9		50
Benzidine	30		29			3		50
n-Nitrosodimethylamine	64		74			14		50
1,2,4-Trichlorobenzene	67		72		38-107	7		50
Hexachlorobenzene	81		82		40-140	1		50
Bis(2-chloroethyl)ether	67		77		40-140	14		50
2-Chloronaphthalene	72		77		40-140	7		50
1,2-Dichlorobenzene	66		74		40-140	11		50
1,3-Dichlorobenzene	66		75		40-140	13		50
1,4-Dichlorobenzene	66		76		28-104	14		50
3,3'-Dichlorobenzidine	**34**	Q	**34**	Q	40-140	0		50
2,4-Dinitrotoluene	89		**90**	Q	28-89	1		50
2,6-Dinitrotoluene	90		92		40-140	2		50
Fluoranthene	84		86		40-140	2		50
4-Chlorophenyl phenyl ether	79		86		40-140	8		50
4-Bromophenyl phenyl ether	84		88		40-140	5		50
Azobenzene	80		82		40-140	2		50
Bis(2-chloroisopropyl)ether	64		73		40-140	13		50
Bis(2-chloroethoxy)methane	69		79		40-117	14		50
Hexachlorobutadiene	71		78		40-140	9		50
Hexachlorocyclopentadiene	52		56		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-09 Batch: WG539154-2 WG539154-3								
Hexachloroethane	65		76		40-140	16		50
Isophorone	68		78		40-140	14		50
Naphthalene	68		75		40-140	10		50
Nitrobenzene	68		74		40-140	8		50
NitrosoDiPhenylAmine(NDPA)/DPA	42		43			2		50
n-Nitrosodi-n-propylamine	67		78		32-121	15		50
Bis(2-Ethylhexyl)phthalate	94		94		40-140	0		50
Butyl benzyl phthalate	92		93		40-140	1		50
Di-n-butylphthalate	91		93		40-140	2		50
Di-n-octylphthalate	98		98		40-140	0		50
Diethyl phthalate	85		86		40-140	1		50
Dimethyl phthalate	81		85		40-140	5		50
Benzo(a)anthracene	86		87		40-140	1		50
Benzo(a)pyrene	88		88		40-140	0		50
Benzo(b)fluoranthene	86		92		40-140	7		50
Benzo(k)fluoranthene	88		82		40-140	7		50
Chrysene	85		86		40-140	1		50
Acenaphthylene	76		81		40-140	6		50
Anthracene	85		86		40-140	1		50
Benzo(ghi)perylene	84		83		40-140	1		50
Fluorene	80		84		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-09 Batch: WG539154-2 WG539154-3								
Phenanthrene	84		85		40-140	1		50
Dibenzo(a,h)anthracene	84		85		40-140	1		50
Indeno(1,2,3-cd)Pyrene	86		85		40-140	1		50
Pyrene	85		85		35-142	0		50
Biphenyl	73		79			8		50
Aniline	**25**	Q	**25**	Q	40-140	0		50
4-Chloroaniline	57		63		40-140	10		50
2-Nitroaniline	70		68		47-134	3		50
3-Nitroaniline	69		69		26-129	0		50
4-Nitroaniline	81		85		41-125	5		50
Dibenzofuran	77		83		40-140	8		50
2-Methylnaphthalene	74		79		40-140	7		50
Acetophenone	36		41		14-144	13		50
2,4,6-Trichlorophenol	79		83		30-130	5		50
P-Chloro-M-Cresol	84		84		26-103	0		50
2-Chlorophenol	70		81		25-102	15		50
2,4-Dichlorophenol	74		80		30-130	8		50
2,4-Dimethylphenol	70		79		30-130	12		50
2-Nitrophenol	70		78		30-130	11		50
4-Nitrophenol	78		79		11-114	1		50
2,4-Dinitrophenol	64		60		4-130	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-09 Batch: WG539154-2 WG539154-3								
4,6-Dinitro-o-cresol	82		81		10-130	1		50
Pentachlorophenol	84		86		17-109	2		50
Phenol	70		78		26-90	11		50
2-Methylphenol	72		81		30-130.	12		50
3-Methylphenol/4-Methylphenol	70		78		30-130	11		50
2,4,5-Trichlorophenol	82		84		30-130	2		50
Benzoic Acid	33		27			20		50
Benzyl Alcohol	67		77		40-140	14		50
Carbazole	85		86		54-128	1		50
Benzaldehyde	88		101			14		50
Caprolactam	84		87			4		50
Atrazine	115		119			3		50
Pyridine	47		54		10-93	14		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		80		25-120
Phenol-d6	71		81		10-120
Nitrobenzene-d5	67		76		23-120
2-Fluorobiphenyl	73		77		30-120
2,4,6-Tribromophenol	85		84		0-136
4-Terphenyl-d14	93		92		18-120

PCBS

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-01	Date Collected:	05/24/12 08:50
Client ID:	SB-1 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	05/30/12 20:22
Analytical Date:	06/01/12 18:50	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	05/31/12
Percent Solids:	83%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	05/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	38.1	7.52	1
Aroclor 1221	ND		ug/kg	38.1	11.5	1
Aroclor 1232	ND		ug/kg	38.1	8.09	1
Aroclor 1242	ND		ug/kg	38.1	7.23	1
Aroclor 1248	ND		ug/kg	38.1	4.61	1
Aroclor 1254	ND		ug/kg	38.1	6.00	1
Aroclor 1260	ND		ug/kg	38.1	6.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	54		30-150
Decachlorobiphenyl	53		30-150
2,4,5,6-Tetrachloro-m-xylene	57		30-150
Decachlorobiphenyl	59		30-150

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-02	Date Collected:	05/24/12 09:10
Client ID:	SB-1 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	05/30/12 20:22
Analytical Date:	06/01/12 19:02	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	05/31/12
Percent Solids:	96%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	05/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	33.9	6.70	1
Aroclor 1221	ND		ug/kg	33.9	10.2	1
Aroclor 1232	ND		ug/kg	33.9	7.21	1
Aroclor 1242	ND		ug/kg	33.9	6.44	1
Aroclor 1248	ND		ug/kg	33.9	4.10	1
Aroclor 1254	ND		ug/kg	33.9	5.35	1
Aroclor 1260	ND		ug/kg	33.9	5.89	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	77		30-150
2,4,5,6-Tetrachloro-m-xylene	81		30-150
Decachlorobiphenyl	89		30-150

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-03	Date Collected:	05/24/12 09:45
Client ID:	SB-2 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	05/30/12 20:22
Analytical Date:	06/01/12 19:14	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	05/31/12
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	05/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	39.5	7.81	1
Aroclor 1221	ND		ug/kg	39.5	11.9	1
Aroclor 1232	ND		ug/kg	39.5	8.40	1
Aroclor 1242	ND		ug/kg	39.5	7.50	1
Aroclor 1248	ND		ug/kg	39.5	4.78	1
Aroclor 1254	ND		ug/kg	39.5	6.23	1
Aroclor 1260	ND		ug/kg	39.5	6.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	77		30-150
Decachlorobiphenyl	82		30-150
2,4,5,6-Tetrachloro-m-xylene	84		30-150
Decachlorobiphenyl	86		30-150

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-04	Date Collected:	05/24/12 10:00
Client ID:	SB-2 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	05/30/12 20:22
Analytical Date:	06/04/12 23:58	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	05/31/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	05/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	34.8	6.87	1
Aroclor 1221	ND		ug/kg	34.8	10.5	1
Aroclor 1232	ND		ug/kg	34.8	7.39	1
Aroclor 1242	ND		ug/kg	34.8	6.60	1
Aroclor 1248	ND		ug/kg	34.8	4.21	1
Aroclor 1254	ND		ug/kg	34.8	5.48	1
Aroclor 1260	ND		ug/kg	34.8	6.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	77		30-150
Decachlorobiphenyl	70		30-150
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	69		30-150

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-05 D	Date Collected:	05/24/12 14:00
Client ID:	SB-3	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	05/30/12 20:22
Analytical Date:	06/05/12 00:10	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	05/31/12
Percent Solids:	97%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	05/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	1650	326.	50
Aroclor 1221	ND		ug/kg	1650	498.	50
Aroclor 1232	ND		ug/kg	1650	351.	50
Aroclor 1242	ND		ug/kg	1650	313.	50
Aroclor 1248	ND		ug/kg	1650	200.	50
Aroclor 1254	ND		ug/kg	1650	260.	50
Aroclor 1260	ND		ug/kg	1650	286.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-06	Date Collected:	05/24/12 10:30
Client ID:	SB-4 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	05/30/12 20:22
Analytical Date:	06/05/12 00:22	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	05/31/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	05/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	35.5	7.01	1
Aroclor 1221	ND		ug/kg	35.5	10.7	1
Aroclor 1232	ND		ug/kg	35.5	7.54	1
Aroclor 1242	ND		ug/kg	35.5	6.73	1
Aroclor 1248	ND		ug/kg	35.5	4.29	1
Aroclor 1254	ND		ug/kg	35.5	5.59	1
Aroclor 1260	ND		ug/kg	35.5	6.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	74		30-150
Decachlorobiphenyl	71		30-150
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	74		30-150

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-07	Date Collected:	05/24/12 10:40
Client ID:	SB-4 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	05/31/12 00:04
Analytical Date:	06/01/12 22:56	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	05/31/12
Percent Solids:	96%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	05/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	33.3	6.58	1
Aroclor 1221	ND		ug/kg	33.3	10.0	1
Aroclor 1232	ND		ug/kg	33.3	7.07	1
Aroclor 1242	ND		ug/kg	33.3	6.32	1
Aroclor 1248	ND		ug/kg	33.3	4.03	1
Aroclor 1254	ND		ug/kg	33.3	5.25	1
Aroclor 1260	ND		ug/kg	33.3	5.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	92		30-150
Decachlorobiphenyl	94		30-150
2,4,5,6-Tetrachloro-m-xylene	101		30-150
Decachlorobiphenyl	105		30-150

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-08	Date Collected:	05/24/12 11:00
Client ID:	SB-5 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	05/31/12 00:04
Analytical Date:	06/01/12 23:09	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	05/31/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	05/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	35.1	6.93	1
Aroclor 1221	ND		ug/kg	35.1	10.6	1
Aroclor 1232	ND		ug/kg	35.1	7.46	1
Aroclor 1242	ND		ug/kg	35.1	6.66	1
Aroclor 1248	ND		ug/kg	35.1	4.25	1
Aroclor 1254	ND		ug/kg	35.1	5.53	1
Aroclor 1260	ND		ug/kg	35.1	6.09	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	90		30-150
Decachlorobiphenyl	93		30-150
2,4,5,6-Tetrachloro-m-xylene	98		30-150
Decachlorobiphenyl	101		30-150

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-09	Date Collected:	05/24/12 11:20
Client ID:	SB-5 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	05/31/12 00:04
Analytical Date:	06/01/12 23:22	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	05/31/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	05/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Polychlorinated Biphenyls by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	33.4	6.59	1
Aroclor 1221	ND		ug/kg	33.4	10.1	1
Aroclor 1232	ND		ug/kg	33.4	7.09	1
Aroclor 1242	ND		ug/kg	33.4	6.33	1
Aroclor 1248	ND		ug/kg	33.4	4.04	1
Aroclor 1254	ND		ug/kg	33.4	5.26	1
Aroclor 1260	ND		ug/kg	33.4	5.79	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	95		30-150
Decachlorobiphenyl	99		30-150
2,4,5,6-Tetrachloro-m-xylene	103		30-150
Decachlorobiphenyl	105		30-150

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 06/05/12 00:35
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 05/30/12 20:21
Cleanup Method1: EPA 3665A
Cleanup Date1: 05/31/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 05/31/12

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG539061-1					
Aroclor 1016	ND		ug/kg	32.8	6.48
Aroclor 1221	ND		ug/kg	32.8	9.90
Aroclor 1232	ND		ug/kg	32.8	6.97
Aroclor 1242	ND		ug/kg	32.8	6.23
Aroclor 1248	ND		ug/kg	32.8	3.97
Aroclor 1254	ND		ug/kg	32.8	5.17
Aroclor 1260	ND		ug/kg	32.8	5.69

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	49		30-150
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	48		30-150

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 05/31/12 15:27
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 05/31/12 00:04
Cleanup Method1: EPA 3665A
Cleanup Date1: 05/31/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 05/31/12

Parameter	Result	Qualifier	Units	RL	MDL
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-09 Batch: WG539089-1					
Aroclor 1016	ND		ug/kg	32.6	6.43
Aroclor 1221	ND		ug/kg	32.6	9.82
Aroclor 1232	ND		ug/kg	32.6	6.91
Aroclor 1242	ND		ug/kg	32.6	6.18
Aroclor 1248	ND		ug/kg	32.6	3.94
Aroclor 1254	ND		ug/kg	32.6	5.13
Aroclor 1260	ND		ug/kg	32.6	5.65

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	118		30-150
2,4,5,6-Tetrachloro-m-xylene	97		30-150
Decachlorobiphenyl	108		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG539061-2 WG539061-3								
Aroclor 1016	80		76		40-140	5		50
Aroclor 1260	81		81		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		71		30-150
Decachlorobiphenyl	78		78		30-150
2,4,5,6-Tetrachloro-m-xylene	79		76		30-150
Decachlorobiphenyl	85		83		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-09 Batch: WG539089-2 WG539089-3								
Aroclor 1016	78		74		40-140	5		50
Aroclor 1260	69		80		40-140	15		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	86		90		30-150
Decachlorobiphenyl	116		128		30-150
2,4,5,6-Tetrachloro-m-xylene	93		97		30-150
Decachlorobiphenyl	107		119		30-150

PESTICIDES

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-01	Date Collected:	05/24/12 08:50
Client ID:	SB-1 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 09:26	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.89	0.371	1
Lindane	ND		ug/kg	0.789	0.353	1
Alpha-BHC	ND		ug/kg	0.789	0.224	1
Beta-BHC	ND		ug/kg	1.89	0.718	1
Heptachlor	ND		ug/kg	0.947	0.424	1
Aldrin	ND		ug/kg	1.89	0.667	1
Endrin	ND		ug/kg	0.789	0.323	1
Dieldrin	ND		ug/kg	1.18	0.592	1
4,4'-DDE	1.95		ug/kg	1.89	0.438	1
4,4'-DDD	ND		ug/kg	1.89	0.675	1
4,4'-DDT	5.70		ug/kg	3.55	1.52	1
Endosulfan I	ND		ug/kg	1.89	0.447	1
Endosulfan II	ND		ug/kg	1.89	0.633	1
Endosulfan sulfate	ND		ug/kg	0.789	0.360	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	118		30-150	A
Decachlorobiphenyl	149		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	**164**	Q	30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-01	Date Collected:	05/24/12 08:50
Client ID:	SB-1 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 09:26	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
cis-Chlordane	11.0	P	ug/kg	2.37	0.660	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	118		30-150	A
Decachlorobiphenyl	149		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	**164**	Q	30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-02	Date Collected:	05/24/12 09:10
Client ID:	SB-1 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 09:39	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.61	0.316	1
Lindane	ND		ug/kg	0.672	0.300	1
Alpha-BHC	ND		ug/kg	0.672	0.191	1
Beta-BHC	ND		ug/kg	1.61	0.612	1
Heptachlor	ND		ug/kg	0.806	0.362	1
Aldrin	ND		ug/kg	1.61	0.568	1
Endrin	ND		ug/kg	0.672	0.276	1
Dieldrin	ND		ug/kg	1.01	0.504	1
4,4'-DDE	ND		ug/kg	1.61	0.373	1
4,4'-DDD	ND		ug/kg	1.61	0.575	1
4,4'-DDT	ND		ug/kg	3.02	1.30	1
Endosulfan I	ND		ug/kg	1.61	0.381	1
Endosulfan II	ND		ug/kg	1.61	0.539	1
Endosulfan sulfate	ND		ug/kg	0.672	0.307	1
cis-Chlordane	0.988	J	ug/kg	2.02	0.562	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	122		30-150	A
Decachlorobiphenyl	**152**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	**162**	Q	30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-03	Date Collected:	05/24/12 09:45
Client ID:	SB-2 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 09:52	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.79	0.350	1
Lindane	ND		ug/kg	0.745	0.333	1
Alpha-BHC	ND		ug/kg	0.745	0.212	1
Beta-BHC	ND		ug/kg	1.79	0.678	1
Heptachlor	ND		ug/kg	0.894	0.401	1
Aldrin	ND		ug/kg	1.79	0.630	1
Endrin	ND		ug/kg	0.745	0.306	1
Dieldrin	ND		ug/kg	1.12	0.559	1
4,4'-DDE	ND		ug/kg	1.79	0.414	1
4,4'-DDD	ND		ug/kg	1.79	0.638	1
4,4'-DDT	ND		ug/kg	3.35	1.44	1
Endosulfan I	ND		ug/kg	1.79	0.423	1
Endosulfan II	ND		ug/kg	1.79	0.598	1
Endosulfan sulfate	ND		ug/kg	0.745	0.341	1
cis-Chlordane	ND		ug/kg	2.24	0.623	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	129		30-150	A
Decachlorobiphenyl	**158**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	148		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-04	Date Collected:	05/24/12 10:00
Client ID:	SB-2 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 10:04	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.61	0.315	1
Lindane	ND		ug/kg	0.669	0.299	1
Alpha-BHC	ND		ug/kg	0.669	0.190	1
Beta-BHC	ND		ug/kg	1.61	0.609	1
Heptachlor	ND		ug/kg	0.803	0.360	1
Aldrin	ND		ug/kg	1.61	0.566	1
Endrin	ND		ug/kg	0.669	0.274	1
Dieldrin	ND		ug/kg	1.00	0.502	1
4,4'-DDE	ND		ug/kg	1.61	0.372	1
4,4'-DDD	ND		ug/kg	1.61	0.573	1
4,4'-DDT	ND		ug/kg	3.01	1.29	1
Endosulfan I	ND		ug/kg	1.61	0.380	1
Endosulfan II	ND		ug/kg	1.61	0.537	1
Endosulfan sulfate	ND		ug/kg	0.669	0.306	1
cis-Chlordane	ND		ug/kg	2.01	0.560	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	A
Decachlorobiphenyl	133		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	143		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-05	Date Collected:	05/24/12 14:00
Client ID:	SB-3	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 10:17	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.63	0.320	1
Lindane	ND		ug/kg	0.680	0.304	1
Alpha-BHC	ND		ug/kg	0.680	0.193	1
Beta-BHC	ND		ug/kg	1.63	0.619	1
Heptachlor	123		ug/kg	0.816	0.366	1
Aldrin	ND		ug/kg	1.63	0.575	1
Endrin	ND		ug/kg	0.680	0.279	1
Dieldrin	ND		ug/kg	1.02	0.510	1
4,4'-DDE	ND		ug/kg	1.63	0.378	1
4,4'-DDD	ND		ug/kg	1.63	0.582	1
4,4'-DDT	ND		ug/kg	3.06	1.31	1
Endosulfan I	ND		ug/kg	1.63	0.386	1
Endosulfan II	ND		ug/kg	1.63	0.546	1
Endosulfan sulfate	ND		ug/kg	0.680	0.311	1
cis-Chlordane	5030	E	ug/kg	2.04	0.569	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	126		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	139		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-05 D	Date Collected:	05/24/12 14:00
Client ID:	SB-3	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	06/01/12 09:57	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	97%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
cis-Chlordane	6200	P	ug/kg	204	56.9	100

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-06	Date Collected:	05/24/12 10:30
Client ID:	SB-4 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 10:30	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
cis-Chlordane	2.73		ug/kg	2.12	0.590	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	120		30-150	A
Decachlorobiphenyl	130		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	127		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-06	Date Collected:	05/24/12 10:30
Client ID:	SB-4 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 10:30	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.69	0.332	1
Lindane	ND		ug/kg	0.705	0.315	1
Alpha-BHC	ND		ug/kg	0.705	0.200	1
Beta-BHC	ND		ug/kg	1.69	0.642	1
Heptachlor	ND		ug/kg	0.846	0.380	1
Aldrin	ND		ug/kg	1.69	0.596	1
Endrin	ND		ug/kg	0.705	0.289	1
Dieldrin	ND		ug/kg	1.06	0.529	1
4,4'-DDE	ND		ug/kg	1.69	0.392	1
4,4'-DDD	ND		ug/kg	1.69	0.604	1
4,4'-DDT	ND		ug/kg	3.17	1.36	1
Endosulfan I	ND		ug/kg	1.69	0.400	1
Endosulfan II	ND		ug/kg	1.69	0.566	1
Endosulfan sulfate	ND		ug/kg	0.705	0.322	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	120		30-150	A
Decachlorobiphenyl	130		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	127		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-07	Date Collected:	05/24/12 10:40
Client ID:	SB-4 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 10:43	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.63	0.319	1
Lindane	ND		ug/kg	0.679	0.304	1
Alpha-BHC	ND		ug/kg	0.679	0.193	1
Beta-BHC	ND		ug/kg	1.63	0.618	1
Heptachlor	ND		ug/kg	0.815	0.365	1
Aldrin	ND		ug/kg	1.63	0.574	1
Endrin	ND		ug/kg	0.679	0.278	1
Dieldrin	ND		ug/kg	1.02	0.509	1
4,4'-DDE	ND		ug/kg	1.63	0.377	1
4,4'-DDD	ND		ug/kg	1.63	0.581	1
4,4'-DDT	ND		ug/kg	3.06	1.31	1
Endosulfan I	ND		ug/kg	1.63	0.385	1
Endosulfan II	ND		ug/kg	1.63	0.545	1
Endosulfan sulfate	ND		ug/kg	0.679	0.310	1
cis-Chlordane	1.07	J	ug/kg	2.04	0.568	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	122		30-150	A
Decachlorobiphenyl	128		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	142		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-08	Date Collected:	05/24/12 11:00
Client ID:	SB-5 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 10:56	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.68	0.329	1
Lindane	ND		ug/kg	0.701	0.313	1
Alpha-BHC	ND		ug/kg	0.701	0.199	1
Beta-BHC	ND		ug/kg	1.68	0.638	1
Heptachlor	ND		ug/kg	0.841	0.377	1
Aldrin	ND		ug/kg	1.68	0.592	1
Endrin	ND		ug/kg	0.701	0.287	1
Dieldrin	ND		ug/kg	1.05	0.526	1
4,4'-DDE	ND		ug/kg	1.68	0.389	1
4,4'-DDD	ND		ug/kg	1.68	0.600	1
4,4'-DDT	ND		ug/kg	3.15	1.35	1
Endosulfan I	ND		ug/kg	1.68	0.397	1
Endosulfan II	ND		ug/kg	1.68	0.562	1
Endosulfan sulfate	ND		ug/kg	0.701	0.320	1
cis-Chlordane	291	E	ug/kg	2.10	0.586	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	129		30-150	A
Decachlorobiphenyl	132		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	139		30-150	B

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-08 D	Date Collected:	05/24/12 11:00
Client ID:	SB-5 (0'-2')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	06/01/12 10:10	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
cis-Chlordane	288	P	ug/kg	10.5	2.93	5

Project Name: 38-20 28TH STREET **Lab Number:** L1209486

Project Number: 4338 **Report Date:** 06/05/12

SAMPLE RESULTS

Lab ID:	L1209486-09	Date Collected:	05/24/12 11:20
Client ID:	SB-5 (10'-12')	Date Received:	05/29/12
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081A	Extraction Date:	05/30/12 09:36
Analytical Date:	05/31/12 11:08	Cleanup Method1:	EPA 3620B
Analyst:	BW	Cleanup Date1:	05/30/12
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Organochlorine Pesticides by GC - Westborough Lab						
Delta-BHC	ND		ug/kg	1.63	0.318	1
Lindane	ND		ug/kg	0.678	0.303	1
Alpha-BHC	ND		ug/kg	0.678	0.192	1
Beta-BHC	ND		ug/kg	1.63	0.617	1
Heptachlor	ND		ug/kg	0.813	0.364	1
Aldrin	ND		ug/kg	1.63	0.572	1
Endrin	ND		ug/kg	0.678	0.278	1
Dieldrin	ND		ug/kg	1.02	0.508	1
4,4'-DDE	ND		ug/kg	1.63	0.376	1
4,4'-DDD	ND		ug/kg	1.63	0.580	1
4,4'-DDT	ND		ug/kg	3.05	1.31	1
Endosulfan I	ND		ug/kg	1.63	0.384	1
Endosulfan II	ND		ug/kg	1.63	0.543	1
Endosulfan sulfate	ND		ug/kg	0.678	0.310	1
cis-Chlordane	2.63	P	ug/kg	2.03	0.566	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	114		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	127		30-150	B

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081A
Analytical Date: 05/31/12 08:35
Analyst: BW

Extraction Method: EPA 3546
Extraction Date: 05/30/12 09:36
Cleanup Method1: EPA 3620B
Cleanup Date1: 05/30/12

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-09 Batch: WG538870-1					
Delta-BHC	ND		ug/kg	1.57	0.307
Lindane	ND		ug/kg	0.654	0.292
Alpha-BHC	ND		ug/kg	0.654	0.186
Beta-BHC	ND		ug/kg	1.57	0.595
Heptachlor	ND		ug/kg	0.784	0.352
Aldrin	ND		ug/kg	1.57	0.552
Endrin	ND		ug/kg	0.654	0.268
Dieldrin	ND		ug/kg	0.980	0.490
4,4'-DDE	ND		ug/kg	1.57	0.363
4,4'-DDD	ND		ug/kg	1.57	0.559
4,4'-DDT	ND		ug/kg	2.94	1.26
Endosulfan I	ND		ug/kg	1.57	0.370
Endosulfan II	ND		ug/kg	1.57	0.524
Endosulfan sulfate	ND		ug/kg	0.654	0.299
cis-Chlordane	ND		ug/kg	1.96	0.546

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	121		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	132		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG538870-2 WG538870-3								
Delta-BHC	76		85		30-150	11		30
Lindane	75		84		30-150	11		30
Alpha-BHC	80		90		30-150	12		30
Beta-BHC	68		77		30-150	12		30
Heptachlor	81		89		30-150	9		30
Aldrin	80		89		30-150	11		30
Heptachlor epoxide	86		95		30-150	10		30
Endrin	100		108		30-150	8		30
Endrin ketone	77		85		30-150	10		30
Dieldrin	89		95		30-150	7		30
4,4'-DDE	89		97		30-150	9		30
4,4'-DDD	92		100		30-150	8		30
4,4'-DDT	95		101		30-150	6		30
Endosulfan I	90		98		30-150	9		30
Endosulfan II	98		106		30-150	8		30
Endosulfan sulfate	78		87		30-150	11		30
Methoxychlor	93		97		30-150	4		30
cis-Chlordane	126		88		30-150	**36**	Q	30
trans-Chlordane	126		87		30-150	**37**	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG538870-2 WG538870-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		95		30-150	A
Decachlorobiphenyl	106		121		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		78		30-150	B
Decachlorobiphenyl	124		133		30-150	B

METALS

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-01
Client ID: SB-1 (0'-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 83%

Date Collected: 05/24/12 08:50
Date Received: 05/29/12
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											
Arsenic, Total	3.4		mg/kg	0.46	0.16	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Barium, Total	86		mg/kg	0.46	0.04	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Beryllium, Total	0.71		mg/kg	0.23	0.02	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Cadmium, Total	0.19	J	mg/kg	0.46	0.03	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Chromium, Total	16		mg/kg	0.46	0.09	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Copper, Total	25		mg/kg	0.46	0.21	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Lead, Total	36		mg/kg	2.3	0.13	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Manganese, Total	570		mg/kg	0.46	0.05	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Mercury, Total	0.09	J	mg/kg	0.10	0.02	1	05/30/12 20:21	05/31/12 11:52	EPA 7471A	1,7471A	KL
Nickel, Total	14		mg/kg	1.1	0.13	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Selenium, Total	1.3		mg/kg	0.92	0.15	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Silver, Total	ND		mg/kg	0.46	0.08	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG
Zinc, Total	80		mg/kg	2.3	0.25	1	06/04/12 16:05	06/05/12 09:54	EPA 3050B	1,6010B	MG

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-02
Client ID: SB-1 (10'-12')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 96%

Date Collected: 05/24/12 09:10
Date Received: 05/29/12
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											
Arsenic, Total	1.2		mg/kg	0.40	0.14	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Barium, Total	29		mg/kg	0.40	0.03	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Beryllium, Total	0.31		mg/kg	0.20	0.01	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Chromium, Total	10		mg/kg	0.40	0.08	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Copper, Total	14		mg/kg	0.40	0.18	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Lead, Total	3.8		mg/kg	2.0	0.11	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Manganese, Total	300		mg/kg	0.40	0.04	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/30/12 20:21	05/31/12 11:54	EPA 7471A	1,7471A	KL
Nickel, Total	9.6		mg/kg	0.99	0.11	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Selenium, Total	0.55	J	mg/kg	0.79	0.13	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Silver, Total	ND		mg/kg	0.40	0.07	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG
Zinc, Total	18		mg/kg	2.0	0.21	1	06/04/12 16:05	06/05/12 10:04	EPA 3050B	1,6010B	MG

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-03
Client ID: SB-2 (0'-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 84%

Date Collected: 05/24/12 09:45
Date Received: 05/29/12
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											
Arsenic, Total	4.7		mg/kg	0.46	0.16	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Barium, Total	49		mg/kg	0.46	0.04	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Beryllium, Total	0.44		mg/kg	0.23	0.02	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.46	0.03	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Chromium, Total	21		mg/kg	0.46	0.09	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Copper, Total	13		mg/kg	0.46	0.21	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Lead, Total	15		mg/kg	2.3	0.13	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Manganese, Total	260		mg/kg	0.46	0.05	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Mercury, Total	0.02	J	mg/kg	0.09	0.02	1	05/30/12 20:21	05/31/12 11:56	EPA 7471A	1,7471A	KL
Nickel, Total	14		mg/kg	1.2	0.13	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Selenium, Total	1.3		mg/kg	0.92	0.15	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Silver, Total	ND		mg/kg	0.46	0.08	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG
Zinc, Total	41		mg/kg	2.3	0.25	1	06/04/12 16:05	06/05/12 10:06	EPA 3050B	1,6010B	MG

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-04
Client ID: SB-2 (10'-12')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 94%

Date Collected: 05/24/12 10:00
Date Received: 05/29/12
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											
Arsenic, Total	1.0		mg/kg	0.40	0.14	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Barium, Total	29		mg/kg	0.40	0.03	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Beryllium, Total	0.30		mg/kg	0.20	0.01	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Chromium, Total	9.3		mg/kg	0.40	0.08	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Copper, Total	16		mg/kg	0.40	0.19	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Lead, Total	3.0		mg/kg	2.0	0.11	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Manganese, Total	310		mg/kg	0.40	0.04	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Mercury, Total	ND		mg/kg	0.09	0.02	1	05/30/12 20:21	05/31/12 11:57	EPA 7471A	1,7471A	KL
Nickel, Total	7.7		mg/kg	1.0	0.11	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Selenium, Total	0.47	J	mg/kg	0.80	0.13	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Silver, Total	ND		mg/kg	0.40	0.07	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG
Zinc, Total	17		mg/kg	2.0	0.22	1	06/04/12 16:05	06/05/12 10:09	EPA 3050B	1,6010B	MG

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-05
Client ID: SB-3
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 97%

Date Collected: 05/24/12 14:00
Date Received: 05/29/12
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											
Arsenic, Total	280		mg/kg	0.39	0.13	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Barium, Total	130		mg/kg	0.39	0.03	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Beryllium, Total	0.20		mg/kg	0.19	0.01	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Cadmium, Total	0.08	J	mg/kg	0.39	0.02	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Chromium, Total	7.1		mg/kg	0.39	0.08	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Copper, Total	14		mg/kg	0.39	0.18	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Lead, Total	28		mg/kg	1.9	0.11	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Manganese, Total	160		mg/kg	0.39	0.04	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Mercury, Total	0.06	J	mg/kg	0.07	0.02	1	05/31/12 20:32	06/01/12 09:54	EPA 7471A	1,7471A	KL
Nickel, Total	7.0		mg/kg	0.97	0.11	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Selenium, Total	0.40	J	mg/kg	0.77	0.13	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Silver, Total	ND		mg/kg	0.39	0.06	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG
Zinc, Total	85		mg/kg	1.9	0.21	1	06/04/12 16:05	06/05/12 10:11	EPA 3050B	1,6010B	MG

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-06
Client ID: SB-4 (0'-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 90%

Date Collected: 05/24/12 10:30
Date Received: 05/29/12
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											
Arsenic, Total	3.7		mg/kg	0.43	0.15	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Barium, Total	50		mg/kg	0.43	0.04	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Beryllium, Total	0.44		mg/kg	0.21	0.02	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.43	0.03	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Chromium, Total	16		mg/kg	0.43	0.09	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Copper, Total	13		mg/kg	0.43	0.20	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Lead, Total	7.9		mg/kg	2.1	0.12	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Manganese, Total	340		mg/kg	0.43	0.04	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Mercury, Total	0.02	J	mg/kg	0.07	0.02	1	05/31/12 20:32	06/01/12 09:59	EPA 7471A	1,7471A	KL
Nickel, Total	16		mg/kg	1.1	0.12	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Selenium, Total	0.80	J	mg/kg	0.86	0.14	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Silver, Total	ND		mg/kg	0.43	0.07	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG
Zinc, Total	100		mg/kg	2.1	0.23	1	06/04/12 16:05	06/05/12 10:13	EPA 3050B	1,6010B	MG

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-07
Client ID: SB-4 (10'-12')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 96%

Date Collected: 05/24/12 10:40
Date Received: 05/29/12
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											
Arsenic, Total	3.5		mg/kg	0.39	0.13	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Barium, Total	36		mg/kg	0.39	0.03	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Beryllium, Total	0.29		mg/kg	0.20	0.01	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Cadmium, Total	0.03	J	mg/kg	0.39	0.03	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Chromium, Total	8.0		mg/kg	0.39	0.08	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Copper, Total	12		mg/kg	0.39	0.18	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Lead, Total	2.8		mg/kg	2.0	0.11	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Manganese, Total	200		mg/kg	0.39	0.04	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Mercury, Total	ND		mg/kg	0.07	0.02	1	05/31/12 20:32	06/01/12 10:01	EPA 7471A	1,7471A	KL
Nickel, Total	7.6		mg/kg	0.98	0.11	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Selenium, Total	0.16	J	mg/kg	0.78	0.13	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Silver, Total	ND		mg/kg	0.39	0.06	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG
Zinc, Total	26		mg/kg	2.0	0.21	1	06/04/12 16:05	06/05/12 12:08	EPA 3050B	1,6010B	MG

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-08
Client ID: SB-5 (0'-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 92%

Date Collected: 05/24/12 11:00
Date Received: 05/29/12
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											
Arsenic, Total	3.4		mg/kg	0.41	0.14	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Barium, Total	39		mg/kg	0.41	0.03	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Beryllium, Total	0.40		mg/kg	0.20	0.01	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.41	0.03	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Chromium, Total	17		mg/kg	0.41	0.08	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Copper, Total	10		mg/kg	0.41	0.19	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Lead, Total	10		mg/kg	2.0	0.12	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Manganese, Total	250		mg/kg	0.41	0.04	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	05/31/12 20:32	06/01/12 10:02	EPA 7471A	1,7471A	KL
Nickel, Total	11		mg/kg	1.0	0.11	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Selenium, Total	0.66	J	mg/kg	0.82	0.13	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Silver, Total	ND		mg/kg	0.41	0.07	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG
Zinc, Total	32		mg/kg	2.0	0.22	1	06/04/12 16:05	06/05/12 12:10	EPA 3050B	1,6010B	MG

Project Name: 38-20 28TH STREET
Lab Number: L1209486
Project Number: 4338
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-09
Client ID: SB-5 (10'-12')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 94%

Date Collected: 05/24/12 11:20
Date Received: 05/29/12
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											
Arsenic, Total	0.82		mg/kg	0.41	0.14	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Barium, Total	22		mg/kg	0.41	0.03	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Beryllium, Total	0.25		mg/kg	0.20	0.01	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.41	0.03	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Chromium, Total	8.2		mg/kg	0.41	0.08	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Copper, Total	12		mg/kg	0.41	0.19	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Lead, Total	2.5		mg/kg	2.0	0.11	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Manganese, Total	230		mg/kg	0.41	0.04	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Mercury, Total	ND		mg/kg	0.07	0.02	1	05/31/12 20:32	06/01/12 10:04	EPA 7471A	1,7471A	KL
Nickel, Total	8.1		mg/kg	1.0	0.11	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Selenium, Total	0.50	J	mg/kg	0.82	0.13	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Silver, Total	ND		mg/kg	0.41	0.07	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG
Zinc, Total	17		mg/kg	2.0	0.22	1	06/04/12 16:05	06/05/12 12:13	EPA 3050B	1,6010B	MG

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

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): 01-04 Batch: WG538951-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/30/12 20:21	05/31/12 11:11	1,7471A	KL

Prep Information

Digestion Method: EPA 7471A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 05-09 Batch: WG539220-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	05/31/12 20:32	06/01/12 09:50	1,7471A	KL

Prep Information

Digestion Method: EPA 7471A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-09 Batch: WG539902-1										
Arsenic, Total	ND		mg/kg	0.40	0.14	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Barium, Total	ND		mg/kg	0.40	0.03	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Beryllium, Total	ND		mg/kg	0.20	0.01	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Copper, Total	ND		mg/kg	0.40	0.18	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Lead, Total	ND		mg/kg	2.0	0.11	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Manganese, Total	0.07	J	mg/kg	0.40	0.04	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Nickel, Total	ND		mg/kg	1.0	0.11	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Selenium, Total	ND		mg/kg	0.80	0.13	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Silver, Total	ND		mg/kg	0.40	0.07	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG
Zinc, Total	0.39	J	mg/kg	2.0	0.22	1	06/04/12 16:05	06/05/12 09:44	1,6010B	MG

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG538951-2 SRM Lot Number: 0518-10-02								
Mercury, Total	117		-		67-133	-		
Total Metals - Westborough Lab Associated sample(s): 05-09 Batch: WG539220-2 SRM Lot Number: 0518-10-02								
Mercury, Total	102		-		67-133	-		
Total Metals - Westborough Lab Associated sample(s): 01-09 Batch: WG539902-2								
Arsenic, Total	101		-		75-125	-		
Barium, Total	94		-		75-125	-		
Beryllium, Total	97		-		75-125	-		
Cadmium, Total	98		-		75-125	-		
Chromium, Total	94		-		75-125	-		
Copper, Total	97		-		75-125	-		
Lead, Total	95		-		75-125	-		
Manganese, Total	94		-		75-125	-		
Nickel, Total	94		-		75-125	-		
Selenium, Total	94		-		75-125	-		
Silver, Total	99		-		75-125	-		
Zinc, Total	92		-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

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): 01-04 QC Batch ID: WG538951-4 QC Sample: L1209480-01 Client ID: MS Sample												
Mercury, Total	0.26	0.194	0.65	**200**	Q	-	-		70-130	-		35
Total Metals - Westborough Lab Associated sample(s): 05-09 QC Batch ID: WG539220-4 QC Sample: L1209486-05 Client ID: SB-3												
Mercury, Total	0.06J	0.16	0.34	**212**	Q	-	-		70-130	-		35
Total Metals - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG539902-4 QC Sample: L1209486-01 Client ID: SB-1 (0'-2')												
Arsenic, Total	3.4	11	14	96		-	-		75-125	-		35
Barium, Total	86.	183	250	89		-	-		75-125	-		35
Beryllium, Total	0.71	4.58	5.0	94		-	-		75-125	-		35
Cadmium, Total	0.19J	4.67	4.4	94		-	-		75-125	-		35
Chromium, Total	16.	18.3	35	104		-	-		75-125	-		35
Copper, Total	25.	22.9	34	**39**	Q	-	-		75-125	-		35
Lead, Total	36.	46.7	58	**47**	Q	-	-		75-125	-		35
Manganese, Total	570	45.8	580	**22**	Q	-	-		75-125	-		35
Nickel, Total	14.	45.8	56	92		-	-		75-125	-		35
Selenium, Total	1.3	11	11	88		-	-		75-125	-		35
Silver, Total	ND	27.5	26	94		-	-		75-125	-		35
Zinc, Total	80.	45.8	130	109		-	-		75-125	-		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG538951-3 QC Sample: L1209480-01 Client ID: DUP Sample						
Mercury, Total	0.26	0.22	mg/kg	17		35
Total Metals - Westborough Lab Associated sample(s): 05-09 QC Batch ID: WG539220-3 QC Sample: L1209486-05 Client ID: SB-3						
Mercury, Total	0.06J	0.10	mg/kg	NC		35
Total Metals - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG539902-3 QC Sample: L1209486-01 Client ID: SB-1 (0'-2')						
Arsenic, Total	3.4	3.6	mg/kg	6		35
Barium, Total	86.	84	mg/kg	2		35
Beryllium, Total	0.71	0.72	mg/kg	1		35
Cadmium, Total	0.19J	0.24J	mg/kg	NC		35
Chromium, Total	16.	17	mg/kg	6		35
Copper, Total	25.	12	mg/kg	**70**	Q	35
Lead, Total	36.	19	mg/kg	**62**	Q	35
Manganese, Total	570	650	mg/kg	13		35
Nickel, Total	14.	16	mg/kg	13		35
Selenium, Total	1.3	1.5	mg/kg	14		35
Silver, Total	ND	ND	mg/kg	NC		35
Zinc, Total	80.	94	mg/kg	16		35

INORGANICS
&
MISCELLANEOUS

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-01
Client ID: SB-1 (0'-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 05/24/12 08:50
Date Received: 05/29/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83		%	0.10	NA	1	-	05/30/12 18:35	30,2540G	RD
Cyanide, Total	ND		mg/kg	1.1	0.26	1	05/30/12 13:30	06/04/12 14:50	1,9010B/9012A	JO
Chromium, Hexavalent	ND		mg/kg	0.96	0.22	1	05/30/12 23:00	06/01/12 04:43	1,7196A	JT
General Chemistry										
Trivalent Chromium	16		mg/kg	0.96		1	-	06/05/12 13:10	30,3500-Cr	ED

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-02
Client ID: SB-1 (10'-12')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil

Date Collected: 05/24/12 09:10
Date Received: 05/29/12
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	96		%	0.10	NA	1	-	05/30/12 18:35	30,2540G	RD
Cyanide, Total	ND		mg/kg	0.98	0.23	1	05/30/12 13:30	06/04/12 14:51	1,9010B/9012A	JO
Chromium, Hexavalent	ND		mg/kg	0.83	0.19	1	05/30/12 23:00	06/01/12 04:43	1,7196A	JT
General Chemistry										
Trivalent Chromium	10		mg/kg	0.83		1	-	06/05/12 13:10	30,3500-Cr	ED

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-03
Client ID: SB-2 (0'-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 05/24/12 09:45
Date Received: 05/29/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	05/30/12 18:35	30,2540G	RD
Cyanide, Total	ND		mg/kg	1.2	0.27	1	05/30/12 13:30	06/04/12 14:52	1,9010B/9012A	JO
Chromium, Hexavalent	ND		mg/kg	0.95	0.21	1	05/30/12 23:00	06/01/12 04:43	1,7196A	JT
General Chemistry										
Trivalent Chromium	21		mg/kg	0.95		1	-	06/05/12 13:10	30,3500-Cr	ED

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-04
Client ID: SB-2 (10'-12')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 05/24/12 10:00
Date Received: 05/29/12
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	94		%	0.10	NA	1	-	05/30/12 18:35	30,2540G	RD
Cyanide, Total	ND		mg/kg	0.98	0.23	1	05/30/12 13:30	06/04/12 15:05	1,9010B/9012A	JO
Chromium, Hexavalent	0.50	J	mg/kg	0.85	0.19	1	05/30/12 23:00	06/01/12 04:44	1,7196A	JT
General Chemistry										
Trivalent Chromium	9.3		mg/kg	0.85		1	-	06/05/12 13:10	30,3500-Cr	ED

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-05
Client ID: SB-3
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 05/24/12 14:00
Date Received: 05/29/12
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	97		%	0.10	NA	1	-	05/30/12 18:35	30,2540G	RD
Cyanide, Total	ND		mg/kg	1.0	0.24	1	05/30/12 13:30	06/04/12 15:05	1,9010B/9012A	JO
Chromium, Hexavalent	ND		mg/kg	0.82	0.19	1	05/30/12 23:00	06/01/12 04:44	1,7196A	JT
General Chemistry										
Trivalent Chromium	7.1		mg/kg	0.82		1	-	06/05/12 13:10	30,3500-Cr	ED

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-06
Client ID: SB-4 (0'-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 05/24/12 10:30
Date Received: 05/29/12
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	90		%	0.10	NA	1	-	05/30/12 18:35	30,2540G	RD
Cyanide, Total	ND		mg/kg	1.0	0.24	1	05/30/12 13:30	06/04/12 15:06	1,9010B/9012A	JO
Chromium, Hexavalent	0.20	J	mg/kg	0.89	0.20	1	05/30/12 23:00	06/01/12 04:44	1,7196A	JT
General Chemistry										
Trivalent Chromium	16		mg/kg	0.89		1	-	06/05/12 13:10	30,3500-Cr	ED

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-07
Client ID: SB-4 (10'-12')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 05/24/12 10:40
Date Received: 05/29/12
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	96		%	0.10	NA	1	-	05/30/12 18:35	30,2540G	RD
Cyanide, Total	ND		mg/kg	1.0	0.24	1	05/30/12 13:30	06/04/12 15:07	1,9010B/9012A	JO
Chromium, Hexavalent	0.19	J	mg/kg	0.83	0.19	1	05/30/12 23:00	06/01/12 04:44	1,7196A	JT
General Chemistry										
Trivalent Chromium	8.0		mg/kg	0.83		1	-	06/05/12 13:10	30,3500-Cr	ED

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-08
Client ID: SB-5 (0'-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 05/24/12 11:00
Date Received: 05/29/12
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	92		%	0.10	NA	1	-	05/30/12 18:35	30,2540G	RD
Cyanide, Total	ND		mg/kg	1.0	0.24	1	05/30/12 13:30	06/04/12 15:08	1,9010B/9012A	JO
Chromium, Hexavalent	0.21	J	mg/kg	0.87	0.20	1	05/30/12 23:00	06/01/12 04:44	1,7196A	JT
General Chemistry										
Trivalent Chromium	17		mg/kg	0.87		1	-	06/05/12 13:10	30,3500-Cr	ED

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209486-09
Client ID: SB-5 (10'-12')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 05/24/12 11:20
Date Received: 05/29/12
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	94		%	0.10	NA	1	-	05/30/12 18:35	30,2540G	RD
Cyanide, Total	ND		mg/kg	1.0	0.24	1	05/30/12 13:30	06/04/12 15:08	1,9010B/9012A	JO
Chromium, Hexavalent	0.20	J	mg/kg	0.85	0.19	1	05/30/12 23:00	06/01/12 04:45	1,7196A	JT
General Chemistry										
Trivalent Chromium	8.2		mg/kg	0.85		1	-	06/05/12 13:10	30,3500-Cr	ED

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1209486
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG538852-1										
Cyanide, Total	ND		mg/kg	0.92	0.21	1	05/30/12 13:30	06/04/12 14:36	1,9010B/9012A	JO
General Chemistry - Westborough Lab for sample(s): 01-09 Batch: WG539107-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.18	1	05/30/12 23:00	06/01/12 04:17	1,7196A	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1209486

Report Date: 06/05/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG538852-2 WG538852-3								
Cyanide, Total	115		117		80-120	2		35
General Chemistry - Westborough Lab Associated sample(s): 01-09 Batch: WG539107-2								
Chromium, Hexavalent	97		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG538852-4 WG538852-5 QC Sample: L1209001-39 Client ID: MS Sample												
Cyanide, Total	ND	12	14	110		14	120		65-135	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG539107-4 QC Sample: L1209486-09 Client ID: SB-5 (10'-12')												
Chromium, Hexavalent	0.20J	1240	1200	97		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG539039-1 QC Sample: L1209486-01 Client ID: SB-1 (0'-2')						
Solids, Total	83.	84	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG539107-3 QC Sample: L1209486-09 Client ID: SB-5 (10'-12')						
Chromium, Hexavalent	0.20J	ND	mg/kg	NC		20

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1209486-01A	Vial Large unpreserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1209486-01B	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-01C	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-02A	Vial Large unpreserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1209486-02B	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-02C	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-03A	Vial Large unpreserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1209486-03B	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-03C	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-04A	Vial Large unpreserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1209486-04B	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-04C	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-05A	Vial Large unpreserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1209486-05B	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1209486-05C	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-06A	Vial Large unpreserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1209486-06B	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-06C	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-07A	Vial Large unpreserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1209486-07B	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-07C	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-08A	Vial Large unpreserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1209486
Report Date: 06/05/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1209486-08B	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-08C	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-09A	Vial Large unpreserved	A	N/A	3.9	Y	Absent	NYTCL-8260(14)
L1209486-09B	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1209486-09C	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	BE-TI(180),NYTCL-8270(14),SPECWC(),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name:	38-20 28TH STREET	**Lab Number:**	L1209486
Project Number:	4338	**Report Date:**	06/05/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

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

Terms

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 five times (5x) 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.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value 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.

Report Format: DU Report with "J" Qualifiers

Project Name:	38-20 28TH STREET	**Lab Number:**	L1209486
Project Number:	4338	**Report Date:**	06/05/12

Data Qualifiers

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.

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

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

Project Name:	38-20 28TH STREET	**Lab Number:**	L1209486
Project Number:	4338	**Report Date:**	06/05/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

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.

Certificate/Approval Program Summary

Last revised May 11, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D, Fecal Coliform-EC Medium 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterolert, E.Coli 9223.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics, Acid Extractables (Phenols), Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1,

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: 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-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8081B, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3550B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C,6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 3005A, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 3060A, 6010B, 6010C, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 3005A,3015,1312,6010B,6010C,SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X. Organic Parameters: EPA 8260B)

Solid & Hazardous Waste (Inorganic Parameters: EPA 3050B, 1311, 1312, 6010B, 6010C, 9030B, 9010B, 9012A, 9014. Organic Parameters: EPA 5035, 5030B, 8260B, 8015B, 8015C.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

L1209486

CHAIN OF CUSTODY

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

Page ____ of ____

LAB NAME: Alpha

RECEIVED DATE: 05/29/12

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia
Project Contact: ~~Waste Analyst AND~~ M. Venezia / J. Cressy
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Analyst@impactenvironmental.com AND @impactenvironmental.com

Project Information

Project Name: 38-20 28th Street
Street: 38-20 28th Street
City: Long Island City **State:** NY **Zip:**
Project #: 4338
Sampler's Name: Michael Venezia
Sampler's Signature:

Analytical Information

LAB SAMPLE # (LAB USE ONLY)	Sample ID	Matrix Code	Sample Type	Sample ~~Type~~ DATE	Time	Total # of bottles	Sample Containers: None	ICE	HCL	Methanol (EPA 5035)	Sodium Bisulfate (EPA 5035)	OTHER (List)	Impact Analytical Package A*	Impact Analytical Package B**	VOCs 8260 (List for NY Part 375 & NJ DCSRS)	SPLP (Mark 'H' in box for 'Hold')	NYCDEP Sewer Discharge Parameters	VOCs (NY Part 375)	SVOCs (NY Part 375)	PCBs (NY Part 375)	Pesticides (NY Part 375)	Metals (NY Part 375)		(LAB USE ONLY)
1	SB-1 (0'-2')	S	G	5/24	0650	3		3										X	X	X	X	X		
2	SB-1 (10'-12')				0910	3		3										X	X	X	X	X		
3	SB-2 (0'-2')				0945	3		3										X	X	X	X	X		
4	SB-2 (10'-12')				1000	3		3										X	X	X	X	X		
5	SB-3				1400	3		3										X	X	X	X	X		
6	SB-4 (0'-2')				1030	3		3										X	X	X	X	X		
7	SB-4 (10'-12')				1040	3		3										X	X	X	X	X		
8	SB-5 (0'-2')				1100	3		3										X	X	X	X	X		
9	SB-5 (10'-12')	↓	↓	↓	1120	3		3										X	X	X	X	X		
10																								

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

Sample Type: G=Grab; C=Composite; B=Blank

Turnaround Time (Business Days)

- [X] Standard
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other ____
- [ ] EDD Format ____

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

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NYS Part 375 parameters and detection limits
**Package B (proprietary) - Same as Package A, plus TCLP Metals & TPH

NOTES & DIRECTIONS TO THE LAB:

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

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		5/29/12 12:10			5/29/12	
2	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
3		5/29/12 2300				
4	Relinquished by:	Date / Time:	Received By:	COOLER INFORMATION		
5				Cooler Temp: ____	pH: ____	☐ On Ice ☐ Sample Receipt Discrepancy(attach information)

Updated March 2011

ANALYTICAL REPORT

Lab Number:	L1209495
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	James Cressy
Phone:	(631) 269-8800
Project Name:	38-20 28TH STREET
Project Number:	4338-02
Report Date:	06/05/12

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 38-20 28TH STREET
Project Number: 4338-02

Lab Number: L1209495
Report Date: 06/05/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1209495-01	SV-1	LONG ISLAND CITY, NY	05/25/12 11:57
L1209495-02	SV-2	LONG ISLAND CITY, NY	05/25/12 11:44
L1209495-03	SV-3	LONG ISLAND CITY, NY	05/25/12 11:51

Project Name: 38-20 28TH STREET
Project Number: 4338-02

Lab Number: L1209495
Report Date: 06/05/12

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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 free of charge for 30 days from the date the project is completed. After 30 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.

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

Project Name:	38-20 28TH STREET	**Lab Number:**	L1209495
Project Number:	4338-02	**Report Date:**	06/05/12

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 21, 2012.

The canister certification results are provided as an addendum.

L1209495-01 The RPD of the pre- and post-flow controller calibration check (21% RPD) was outside acceptable limits (< or = 20% RPD). The final pressure of the associated canister recorded by the laboratory was -6.2 inches of mercury. The initial flow rate for the associated flow controller was 3.2 mL/minute and the final flow rate was 2.6 mL/minute.

L1209495-03 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

The WG539297-3 LCS recoveries for and 1,3-Dichlorobenzene (132%) are above the upper 130% acceptance limit. None of the samples associated with this LCS have reportable amounts of these analytes.

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: 06/05/12

AIR

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209495-01
Client ID: SV-1
Sample Location: LONG ISLAND CITY, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/31/12 23:09
Analyst: RY

Date Collected: 05/25/12 11:57
Date Received: 05/29/12
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Propylene	ND	0.500	--	ND	0.860	--		1
Dichlorodifluoromethane	0.342	0.200	--	1.69	0.989	--		1
Chloromethane	0.448	0.200	--	0.925	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	2.95	2.50	--	5.56	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.71	1.00	--	8.81	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.507	0.500	--	1.25	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	3.52	1.00	--	12.2	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	0.246	0.200	--	0.726	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209495-01
Client ID: SV-1
Sample Location: LONG ISLAND CITY, NY
Date Collected: 05/25/12 11:57
Date Received: 05/29/12
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.312	0.200	--	1.10	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.18	0.200	--	4.45	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	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209495-01
Client ID: SV-1
Sample Location: LONG ISLAND CITY, NY
Date Collected: 05/25/12 11:57
Date Received: 05/29/12
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	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	97		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	100		60-140

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209495-02
Client ID: SV-2
Sample Location: LONG ISLAND CITY, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/31/12 23:43
Analyst: RY

Date Collected: 05/25/12 11:44
Date Received: 05/29/12
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Propylene	1.40	0.500	--	2.41	0.860	--		1
Dichlorodifluoromethane	0.336	0.200	--	1.66	0.989	--		1
Chloromethane	0.294	0.200	--	0.607	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	2.99	2.50	--	5.63	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.98	1.00	--	14.2	2.38	--		1
Trichlorofluoromethane	0.206	0.200	--	1.16	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	1.11	0.200	--	3.27	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209495-02
Client ID: SV-2
Sample Location: LONG ISLAND CITY, NY
Date Collected: 05/25/12 11:44
Date Received: 05/29/12
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.580	0.200	--	2.83	0.977	--		1
Tetrahydrofuran	0.724	0.200	--	2.14	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.355	0.200	--	1.25	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.316	0.200	--	1.01	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	0.232	0.200	--	1.08	0.934	--		1
Heptane	0.468	0.200	--	1.92	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.78	0.200	--	10.5	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	4.75	0.200	--	32.2	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.686	0.200	--	2.98	0.869	--		1
p/m-Xylene	3.08	0.400	--	13.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209495-02
Client ID: SV-2
Sample Location: LONG ISLAND CITY, NY
Date Collected: 05/25/12 11:44
Date Received: 05/29/12
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.12	0.200	--	4.86	0.869	--		1
4-Ethyltoluene	0.320	0.200	--	1.57	0.983	--		1
1,3,5-Trimethybenzene	0.334	0.200	--	1.64	0.983	--		1
1,2,4-Trimethylbenzene	0.891	0.200	--	4.38	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209495-03 D
Client ID: SV-3
Sample Location: LONG ISLAND CITY, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/01/12 00:14
Analyst: RY

Date Collected: 05/25/12 11:51
Date Received: 05/29/12
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Propylene	ND	5.00	--	ND	8.60	--		10
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	25.0	--	ND	47.1	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	14.7	10.0	--	34.9	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Methylene chloride	ND	10.0	--	ND	34.7	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
Vinyl acetate	ND	2.00	--	ND	7.04	--		10
2-Butanone	ND	2.00	--	ND	5.90	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209495-03 D
Client ID: SV-3
Sample Location: LONG ISLAND CITY, NY
Date Collected: 05/25/12 11:51
Date Received: 05/29/12
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	2.00	--	ND	5.90	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	2.00	--	ND	8.20	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	2.46	2.00	--	16.7	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

SAMPLE RESULTS

Lab ID: L1209495-03 D
Client ID: SV-3
Sample Location: LONG ISLAND CITY, NY
Date Collected: 05/25/12 11:51
Date Received: 05/29/12
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethybenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	101		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	104		60-140

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/31/12 14:09

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG539297-4								
Propylene	ND	0.500	--	ND	0.860	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/31/12 14:09

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG539297-4								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338-02
Lab Number: L1209495
Report Date: 06/05/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/31/12 14:09

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG539297-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338-02

Lab Number: L1209495

Report Date: 06/05/12

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: WG539297-3								
Chlorodifluoromethane	88		-		70-130	-		
Propylene	103		-		70-130	-		
Propane	89		-		70-130	-		
Dichlorodifluoromethane	70		-		70-130	-		
Chloromethane	89		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	82		-		70-130	-		
Vinyl chloride	86		-		70-130	-		
1,3-Butadiene	89		-		70-130	-		
Butane	85		-		70-130	-		
Bromomethane	79		-		70-130	-		
Chloroethane	82		-		70-130	-		
Ethyl Alcohol	85		-		70-130	-		
Dichlorofluoromethane	79		-		70-130	-		
Vinyl bromide	78		-		70-130	-		
Acrolein	76		-		70-130	-		
Acetone	90		-		70-130	-		
Acetonitrile	82		-		70-130	-		
Trichlorofluoromethane	80		-		70-130	-		
iso-Propyl Alcohol	92		-		70-130	-		
Acrylonitrile	79		-		70-130	-		
Pentane	89		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338-02

Lab Number: L1209495

Report Date: 06/05/12

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: WG539297-3								
Ethyl ether	81		-		70-130	-		
1,1-Dichloroethene	87		-		70-130	-		
tert-Butyl Alcohol	76		-		70-130	-		
Methylene chloride	93		-		70-130	-		
3-Chloropropene	100		-		70-130	-		
Carbon disulfide	89		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		-		70-130	-		
trans-1,2-Dichloroethene	87		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
Methyl tert butyl ether	85		-		70-130	-		
Vinyl acetate	97		-		70-130	-		
2-Butanone	100		-		70-130	-		
cis-1,2-Dichloroethene	105		-		70-130	-		
Ethyl Acetate	97		-		70-130	-		
Chloroform	91		-		70-130	-		
Tetrahydrofuran	96		-		70-130	-		
2,2-Dichloropropane	78		-		70-130	-		
1,2-Dichloroethane	88		-		70-130	-		
n-Hexane	106		-		70-130	-		
Isopropyl Ether	94		-		70-130	-		
Ethyl-Tert-Butyl-Ether	93		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338-02

Lab Number: L1209495

Report Date: 06/05/12

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: WG539297-3								
1,1,1-Trichloroethane	96		-		70-130	-		
1,1-Dichloropropene	102		-		70-130	-		
Benzene	104		-		70-130	-		
Carbon tetrachloride	93		-		70-130	-		
Cyclohexane	106		-		70-130	-		
Tertiary-Amyl Methyl Ether	90		-		70-130	-		
Dibromomethane	96		-		70-130	-		
1,2-Dichloropropane	112		-		70-130	-		
Bromodichloromethane	95		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	112		-		70-130	-		
Heptane	113		-		70-130	-		
cis-1,3-Dichloropropene	105		-		70-130	-		
4-Methyl-2-pentanone	109		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	102		-		70-130	-		
1,3-Dichloropropane	103		-		70-130	-		
2-Hexanone	111		-		70-130	-		
Dibromochloromethane	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338-02

Lab Number: L1209495

Report Date: 06/05/12

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: WG539297-3								
1,2-Dibromoethane	104		-		70-130	-		
Butyl Acetate	95		-		70-130	-		
Octane	98		-		70-130	-		
Tetrachloroethene	99		-		70-130	-		
1,1,1,2-Tetrachloroethane	96		-		70-130	-		
Chlorobenzene	106		-		70-130	-		
Ethylbenzene	106		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	88		-		70-130	-		
Styrene	107		-		70-130	-		
1,1,2,2-Tetrachloroethane	112		-		70-130	-		
o-Xylene	108		-		70-130	-		
1,2,3-Trichloropropane	106		-		70-130	-		
Nonane (C9)	112		-		70-130	-		
Isopropylbenzene	105		-		70-130	-		
Bromobenzene	106		-		70-130	-		
o-Chlorotoluene	101		-		70-130	-		
n-Propylbenzene	103		-		70-130	-		
p-Chlorotoluene	103		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	118		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338-02

Lab Number: L1209495

Report Date: 06/05/12

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: WG539297-3								
tert-Butylbenzene	120		-		70-130	-		
1,2,4-Trimethylbenzene	127		-		70-130	-		
Decane (C10)	**134**	Q	-		70-130	-		
Benzyl chloride	110		-		70-130	-		
1,3-Dichlorobenzene	**132**	Q	-		70-130	-		
1,4-Dichlorobenzene	123		-		70-130	-		
sec-Butylbenzene	111		-		70-130	-		
p-Isopropyltoluene	99		-		70-130	-		
1,2-Dichlorobenzene	109		-		70-130	-		
n-Butylbenzene	111		-		70-130	-		
1,2-Dibromo-3-chloropropane	101		-		70-130	-		
Undecane	121		-		70-130	-		
Dodecane (C12)	119		-		70-130	-		
1,2,4-Trichlorobenzene	118		-		70-130	-		
Naphthalene	92		-		70-130	-		
1,2,3-Trichlorobenzene	99		-		70-130	-		
Hexachlorobutadiene	98		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338-02

Lab Number: L1209495
Report Date: 06/05/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG539297-5 QC Sample: L1209519-01 Client ID: DUP Sample						
Dichlorodifluoromethane	0.329	0.310	ppbV	6		25
Chloromethane	0.494	0.472	ppbV	5		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	4.88	4.36	ppbV	11		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
tert-Butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	1.05	1.02	ppbV	3		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338-02

Lab Number: L1209495
Report Date: 06/05/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG539297-5 QC Sample: L1209519-01 Client ID: DUP Sample					
2-Butanone	0.667	0.614	ppbV	8	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Chloroform	0.211	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	0.258	0.247	ppbV	4	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	ND	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25
Heptane	ND	ND	ppbV	NC	25
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	0.499	0.454	ppbV	9	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338-02

Lab Number: L1209495
Report Date: 06/05/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG539297-5 QC Sample: L1209519-01 Client ID: DUP Sample					
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	13.0	12.2	ppbV	6	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	ND	ND	ppbV	NC	25
p/m-Xylene	ND	ND	ppbV	NC	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	ND	ND	ppbV	NC	25
o-Chlorotoluene	ND	ND	ppbV	NC	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	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: 38-20 28TH STREET

Lab Number: L1209495

Project Number: 4338-02

Report Date: 06/05/12

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1209495-01	SV-1	0414	#16 SV	05/21/12	77951		-	-	-	Pass	3.2	2.6	21
L1209495-01	SV-1	588	6.0L Can	05/21/12	77951	L1207550-03	Pass	-28.8	-6.2	-	-	-	-
L1209495-02	SV-2	0223	#16 SV	05/21/12	77951		-	-	-	Pass	3.0	3.2	6
L1209495-02	SV-2	979	6.0L Can	05/21/12	77951	L1207550-03	Pass	-29.0	-7.0	-	-	-	-
L1209495-03	SV-3	0089	#16 AMB	05/21/12	77951		-	-	-	Pass	3.2	3.0	6
L1209495-03	SV-3	1516	6.0L Can	05/21/12	77951	L1207550-03	Pass	-28.9	-6.5	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1207550
Report Date: 06/05/12

Air Canister Certification Results

Lab ID: L1207550-03
Client ID: CAN 725 SHELF 35
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/04/12 16:55
Analyst: RY

Date Collected: 04/30/12 14:50
Date Received: 05/01/12
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.860	--		1
Propane	ND	0.200	--	ND	0.361	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1207550
Report Date: 06/05/12

Air Canister Certification Results

Lab ID: L1207550-03
Client ID: CAN 725 SHELF 35
Sample Location:
Date Collected: 04/30/12 14:50
Date Received: 05/01/12
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1207550

Project Number: CANISTER QC BAT **Report Date:** 06/05/12

Air Canister Certification Results

Lab ID: L1207550-03 Date Collected: 04/30/12 14:50

Client ID: CAN 725 SHELF 35 Date Received: 05/01/12

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
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	1.20	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1207550

Project Number: CANISTER QC BAT **Report Date:** 06/05/12

Air Canister Certification Results

Lab ID: L1207550-03 Date Collected: 04/30/12 14:50

Client ID: CAN 725 SHELF 35 Date Received: 05/01/12

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1207550
Report Date: 06/05/12

Air Canister Certification Results

Lab ID: L1207550-03
Client ID: CAN 725 SHELF 35
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/02/12 15:22
Analyst: RY

Date Collected: 04/30/12 14:50
Date Received: 05/01/12
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.08	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1207550
Report Date: 06/05/12

Air Canister Certification Results

Lab ID: L1207550-03
Client ID: CAN 725 SHELF 35
Sample Location:
Date Collected: 04/30/12 14:50
Date Received: 05/01/12
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1207550
Report Date: 06/05/12

Air Canister Certification Results

Lab ID: L1207550-03
Client ID: CAN 725 SHELF 35
Sample Location:

Date Collected: 04/30/12 14:50
Date Received: 05/01/12
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
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	102		60-140
bromochloromethane	125		60-140
chlorobenzene-d5	97		60-140

AIR Petro Can Certification

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1207550

Project Number: CANISTER QC BAT **Report Date:** 06/05/12

AIR CAN CERTIFICATION RESULTS

Lab ID:	L1207550-03	Date Collected:	04/30/12 14:50
Client ID:	CAN 725 SHELF 35	Date Received:	05/01/12
Sample Location:	Not Specified	Field Prep:	Not Specified
Matrix:	Air		
Analytical Method:	96,APH		
Analytical Date:	05/02/12 15:22		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbons in Air - Mansfield Lab						
1,3-Butadiene	ND		ug/m3	2.0	--	1
Methyl tert butyl ether	ND		ug/m3	2.0	--	1
Benzene	ND		ug/m3	2.0	--	1
Toluene	ND		ug/m3	2.0	--	1
C5-C8 Aliphatics, Adjusted	ND		ug/m3	12	--	1
Ethylbenzene	ND		ug/m3	2.0	--	1
p/m-Xylene	ND		ug/m3	4.0	--	1
o-Xylene	ND		ug/m3	2.0	--	1
Naphthalene	ND		ug/m3	2.0	--	1
C9-C12 Aliphatics, Adjusted	ND		ug/m3	14	--	1
C9-C10 Aromatics Total	ND		ug/m3	10	--	1

Project Name: 38-20 28TH STREET
Project Number: 4338-02

Lab Number: L1209495
Report Date: 06/05/12

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(*)
L1209495-01A	Canister - 6 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1209495-02A	Canister - 6 Liter	N/A	N/A		Y	Absent	TO15-LL(30)
L1209495-03A	Canister - 6 Liter	N/A	N/A		Y	Absent	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	38-20 28TH STREET	**Lab Number:**	L1209495
Project Number:	4338-02	**Report Date:**	06/05/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

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

Terms

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 five times (5x) 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.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value 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.

Report Format: Data Usability Report

Project Name:	38-20 28TH STREET	**Lab Number:**	L1209495
Project Number:	4338-02	**Report Date:**	06/05/12

Data Qualifiers

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.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	38-20 28TH STREET	**Lab Number:**	L1209495
Project Number:	4338-02	**Report Date:**	06/05/12

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.

Certificate/Approval Program Summary

Last revised May 10, 2012 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0141.

Wastewater/Non-Potable Water (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable). Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

Solid Waste/Soil (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Titanium, Vanadium, Zinc, Total Organic Carbon, Corrosivity, TCLP 1311, SPLP 1312. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Florida Department of Health Certificate/Lab ID: E87814. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, SM2540D, SM2540G.)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7470, 7471, 9045. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

Air & Emissions (EPA TO-15.)

Louisiana Department of Environmental Quality Certificate/Lab ID: 03090. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 180.1, 245.7, 1631E, 3020A, 6020A, 7470A, 9040, 9050A, SM2320B, 2540D, 2540G, 4500H-B, Organic Parameters: EPA 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 5030B, 8015D, 3570, 8081B, 8082A, 8260B, 8270C, 8270D.)

Solid & Chemical Materials (Inorganic Parameters: EPA 1311, 3050B, 3051A, 3060A, 6020A, 7196A, 7470A, 7471B, 7474, 9040B, 9045C, 9060. Organic Parameters: EPA 3540C, 3570, 3580A, 3630C, 3640A, 3660, 3665A, 5035, 8015D, 8081B, 8082A, 8260B, 8270C, 8270D.)

Biological Tissue (Inorganic Parameters: EPA 6020A. Organic Parameters: EPA 3570, 3510C, 3610B, 3630C, 3640A, 8270C, 8270D.)

Air & Emissions (EPA TO-15.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 180.1,1631E, 6020A, 7470A, 9040B, 9050A, SM2540D, 2540G, 4500H+B, 2320B. Organic Parameters: EPA 8081B, 8082A, 8270C, 8270D, 8015D.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 1311, 3050B, 3051A, 3060A, 6020A, 7470A, 7471B, 9040B, 9045C, 7196A. Organic Parameters: SW-846 3540C, 3580A, 3630C, 3640A, 3660B, 3665A, 8270C, 8015D, 8082A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SW-846 1312, 3020A, SM2320B, SM2540D, 2540G, 4500H-B, EPA 180.1, 1631E, SW-846 7470A, 9040B, 9040C, 6020A, 9050A. Organic Parameters: SW-846 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 8015D, 8081B, 8082A, 8270C, 8270D)

Solid & Chemical Materials (Inorganic Parameters: SW-846 1311, 1312, 3050B, 3051A, 6020A, 7471B, 7474, 9040B, 9040C, 9045C, 9060. Organic Parameters: SW-846 3540C, 3570, 3580A, 3630C, 3640A, 3660B, 3665A, 8081B, 8082A, 8270C, 8270D, 8015D.)

Atmospheric Organic Parameters (EPA 3C, TO-15)

Biological Tissue (Inorganic Parameters: SW-846 6020A. Organic Parameters: SW-846 8270C, 8270D, 3510C, 3570, 3610C, 3630C, 3640A)

New York Department of Health Certificate/Lab ID: 11627. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, SM2540D, 6020A, 1631E, 245.7, 7470A, 9050A, EPA 180.1, 3020A. Organic Parameters: EPA 8270C, 8270D, 8081B, 8082A, 3510C.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 6020A, 7471B, 7474. Organic Parameters: EPA 8270C, 8270D, 8081B, 8082A, 1311, 3050B, 3580A, 3570, 3051A.)

Air & Emissions (EPA TO-15.)

Pennsylvania Certificate/Lab ID: 68-02089 ***NELAP Accredited***

Solid & Hazardous Waste (Inorganic Parameters: EPA 6020A,7471B, 7474. Organic Parameters: EPA3050B, 3540C, 3630C, 8270C, 8081B, 8015D, 8082A.)

Rhode Island Department of Health Certificate/Lab ID: LAO00299. ***NELAP Accredited via LA-DEQ.***

Refer to NJ-DEP Certificate for Non-Potable Water.

Texas Commission of Environmental Quality Certificate/Lab ID: T104704419-08-TX. ***NELAP Accredited.***

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 7196, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8081, 8082.)

Air (Organic Parameters: EPA TO-15)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID:460194. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters:EPA 3020A, 6020A, 245.7, 9040B, SM4500H-B. Organic Parameters: EPA 3510C, 3640A, 3660B, 3665A, 8270C, 8270D, 8082A, 8081B.)

Solid & Chemical Materials (Inorganic Parameters: EPA 6020A,7470A,7471B,9040B,9045C,3050B,3051, 9060. Organic Parameters: EPA 3540C, 3580A, 3630C, 3640A, 3660B, 3665A, 3570, 8270C, 8270D, 8081B, 8082A, 8015D.)

Washington State Department of Ecology Certificate/Lab ID: C954. *Non-Potable Water* (Inorganic Parameters: SM2540D, 180.1, 1631E.)

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 7474, 9045C, 9050A, 9060. Organic Parameters: EPA 8081, 8082, 8015 Mod, 8270.)

U.S. Army Corps of Engineers

Department of Defense, L-A-B Certificate/Lab ID: L2217.01.

Non-Potable Water (Inorganic Parameters: EPA 6020A, SM4500H-B. Organic Parameters: 3020A, 3510C, 8270C, 8270D, 8270C-ALK-PAH, 8270D-ALK-PAH, 8082A, 8081B, 8015D-SHC, 8015D.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 3050B, 6020A, 7471A, 9045C, 9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580A, 3570, 3540C, 8270C, 8270D, 8270C-ALK-PAH, 8270D-ALK-PAH 8082A, 8081B, 8015D-SHC, 8015D.

Air & Emissions (EPA TO-15.)

Analytes Not Accredited by NELAP
Certification is not available by NELAP for the following analytes: **8270C:** Biphenyl. **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, 2-Methylnaphthalene, 1-Methylnaphthalene.

Serial_No:06051211:53

L1209495

Alpha Analytical

320 Forbes Blvd
Mansfield, MA 02048-1806
Tel: 508-822-9300
Fax: 508-822-3288

AIR Chain-of-Custody - NJ

Date Rec'd in Lab	ALPHA Job#

Client Contact Information

Company: Impact Environmental
Address: 170 Kelland Ct.
City/State/Zip: Bohemia, NY 11716
Phone: (631) 269-5800
FAX: (631) 269-1599
Email:
MVENEZIA@impactenvironmental.com
JCRESSY@impactenvironmental.com

Project Information

Project Name:
Site/Location: 38-20 28th Street Long Island City, NY
Project Manager: James Cressy
Site Contact:
Phone: (631) 269-5800

Analysis Turn-Around Time

Standard (Specify) STD. 3-5 Days
Rush (Specify)

Carrier:
Samplers Name(s) Michael Venezia

1 of 1 COCs

Report Information - Data Deliverables:

☐ FAX:
☐ ADEx ☐ Criteria Checker:
☒ EMail (standard pdf report)

Billing Information

☒ Same as Client Info PO #: Proj. #14338-02 ~~#14338-02~~

ALPHA LAB ID (Lab Use Only)	Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Outgoing Canister Pressure ("Hg) (Lab)	Incoming Canister Pressure ("Hg) (Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min)	Can Cert ID	TO-15	EPA 3C	Indoor /Ambient Air	Soil Gas
-1	SV-1	5/24 5/25	5/24 1244	5/25 1157	30.5	6.9	NA	NA			0414	588	6 L	3.2		X			X
-2	SV-2	5/24 5/25	5/24 1240	5/25 1144	30.7	7.9	70°F	70°F			0223	979	6 L	3.0		X			X
-3	SV-3	5/24 5/25	5/24 1301	5/25 1151	28.9	7.4	NA	NA			0089	1516	6 L	3.2		X			X

Temperature (Fahrenheit)

	Ambient	Maximum	Minimum	
Start	64.4°F	66°F	62°F	
Stop	64.9°F	64.9°F	60.1°F	

GC/MS Analyst Signature (TO-15)

Pressure (inches of Hg)

	Ambient	Maximum	Minimum	
Start	30.21	30.22	30.16	
Stop	30.20	30.23	30.18	

Special Instructions/QC Requirements & Comments:

Please report in PPBV and ug/m^3.

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:
Samples Relinquished by: Michael Venezia	Date/Time: 5/29/12 12:10	Received by:	Date/Time: 5/29/12 12:10
Relinquished by:	Date/Time: 5/29/12 1800	Received by:	Date/Time: 5/29/12 1800
	5/29/12 2300		5/29/12 2300
	5/30/12		5/30/12 8:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until all ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

ANALYTICAL REPORT

Lab Number:	L1210304
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Michael Venezia
Phone:	(631) 269-8800
Project Name:	38-20 28TH STREET
Project Number:	4338
Report Date:	06/15/12

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1210304
Report Date: 06/15/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1210304-01	SB-3	38-20 28TH STREET LIC, NY	05/24/12 14:00

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1210304
Report Date: 06/15/12

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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 free of charge for 30 days from the date the project is completed. After 30 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.

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

Project Name:	38-20 28TH STREET	**Lab Number:**	L1210304
Project Number:	4338	**Report Date:**	06/15/12

Case Narrative (continued)

Report Submission

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

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: Elizabeth Simmons

Title: Technical Director/Representative Date: 06/15/12

METALS

Project Name: 38-20 28TH STREET
Lab Number: L1210304
Project Number: 4338
Report Date: 06/15/12

SAMPLE RESULTS

Lab ID: L1210304-01
Client ID: SB-3
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 05/24/12 14:00
Date Received: 05/29/12
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 06/12/12 11:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab											
Arsenic, TCLP	5.2		mg/l	1.0	0.02	1	06/14/12 10:45	06/14/12 15:36	EPA 3015	1,6010B	AI

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1210304
Report Date: 06/15/12

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG542115-1										
Arsenic, TCLP	0.03	J	mg/l	1.0	0.02	1	06/14/12 10:45	06/14/12 14:58	1,6010B	AI

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/12/12 09:20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1210304

Report Date: 06/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG542115-2								
Arsenic, TCLP	108		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1210304
Report Date: 06/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG542115-4 QC Sample: L1210353-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.4	117		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1210304
Report Date: 06/15/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG542115-3 QC Sample: L1210353-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	0.06J	mg/l	NC		20

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1210304
Report Date: 06/15/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1210304-01A	Amber 250ml unpreserved	A	N/A	3.9	Y	Absent	-
L1210304-01X	Plastic 250ml HNO3 preserved spl	A	<2	3.9	Y	Absent	AS-CI(180)

*Values in parentheses indicate holding time in days

Project Name:	38-20 28TH STREET	**Lab Number:**	L1210304
Project Number:	4338	**Report Date:**	06/15/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

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

Terms

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 five times (5x) 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.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value 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.

Report Format: DU Report with "J" Qualifiers

Project Name:	38-20 28TH STREET	**Lab Number:**	L1210304
Project Number:	4338	**Report Date:**	06/15/12

Data Qualifiers

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.

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

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

Project Name:	38-20 28TH STREET	**Lab Number:**	L1210304
Project Number:	4338	**Report Date:**	06/15/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

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.

Certificate/Approval Program Summary

Last revised May 11, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223 P/A), E. Coli. – Colilert (SM9223 P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D, Fecal Coliform-EC Medium 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterolert, E.Coli 9223.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics, Acid Extractables (Phenols), Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1,

SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: 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-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 245.2, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, 245.2, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM426C, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8081A, 8081B, 8151A.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3550B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.2, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, 245.2, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ OQA-QAM-025 Rev.7, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C,6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9045C, 9050A, 9065. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9030B. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. Organic Parameters: MA-EPH, MA-VPH.

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 1312, 3005A, 200.7, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3050B, 3060A, 6010B, 6010C, 7196A, 7471A, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-H. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NY-DOH.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 3005A,3015,1312,6010B,6010C,SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X. Organic Parameters: EPA 8260B)

Solid & Hazardous Waste (Inorganic Parameters: EPA 3050B, 1311, 1312, 6010B, 6010C, 9030B, 9010B, 9012A, 9014. Organic Parameters: EPA 5035, 5030B, 8260B, 8015B, 8015C.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

L1203804
L1209484

CHAIN OF CUSTODY

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

LAB NAME: Alpha

RECEIVED DATE: 05/29/12

Client Information

Company Name: Impact Environmental
Address: 170 Keyland Court
City: Bohemia
Project Contact: ~~Waste Analyst AND~~ M. Venezia / J. Cressy
Phone #: 631-269-8800 **Fax #:** 631-269-1599
E-mail: Analyst@impactenvironmental.com AND @impactenvironmental.com

Project Information

Project Name: 38-20 28th Street
Street: 38-20 28th Street
City: Long Island City **State:** NY **Zip:**
Project #: 43388
Sampler's Name: Michael Venezia
Sampler's Signature:

LAB SAMPLE # (LAB USE ONLY)	Sample ID	Matrix Code	Sample Type	Sample Type DAY	Time	Total # of bottles	Sample Containers: Number of Each Preserved Bottle: None	ICE	HCL	Methanol (EPA 5035)	Sodium Bisulfate (EPA 5035)	OTHER (List)
1	SB-1 (0'-2')	S	G	5/24	0650	3		3				
2	SB-1 (10'-12')				0910	3		3				
3	SB-2 (0'-2')				0945	3		3				
4	SB-2 (10'-12')				1000	3		3				
5	SB-3				1400	3		3				
6	SB-4 (0'-2')				1030	3		3				
7	SB-4 (10'-12')				1040	3		3				
8	SB-5 (0-2')				1100	3		3				
9	SB-5 (10'-12')	↓	↓	↓	1120	3		3				
10												

Analytical Information

Impact Analytical Package A*	Impact Analytical Package B**	VOCs 8260 (List for NY Part 375 & NJ DCSRS)	SPLP (Mark 'H' in box for 'Hold')	NYCDEP Sewer Discharge Parameters	VOCs (NY Part 375)	SVOCs (NY Part 375)	PCBs (NY Part 375)	Pesticides (NY Part 375)	Metals (NY Part 375)	TCLP AS	(LAB USE ONLY)
					X	X	X	X	X		
					X	X	X	X	X		
					X	X	X	X	X		
					X	X	X	X	X		
					X	X	X	X	X	X	
					X	X	X	X	X		
					X	X	X	X	X		
					X	X	X	X	X		
					X	X	X	X	X		

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

Sample Type: G=Grab; C=Composite; B=Blank

Turnaround Time (Business Days)

- [X] Standard
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] PA QC Package
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other ____
- [ ] EDD Format ____

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

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NYS Part 375 parameters and detection limits
**Package B (proprietary) - Same as Package A, plus TCLP Metals & TPH

NOTES & DIRECTIONS TO THE LAB:

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

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		5/29/12 12:10			5/29/12 1820	
2	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
3		5/29/12 2300				
4	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
5						

COOLER INFORMATION
Cooler Temp: ____ pH: ____ [ ] On Ice [ ] Sample Receipt Discrepancy(attach information)

Updated March 2011

ANALYTICAL REPORT

Lab Number:	L1318356
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Ben Hernandez-Salazar
Phone:	(631) 269-8800
Project Name:	38-20 28TH STREET
Project Number:	4338
Report Date:	09/26/13

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

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

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1318356-01	SB-6(0-2')	38-20 28TH STREET LIC, NY	09/16/13 11:00
L1318356-02	SB-6(3-5')	38-20 28TH STREET LIC, NY	09/16/13 11:00
L1318356-03	SB-7(0-2')	38-20 28TH STREET LIC, NY	09/16/13 12:00

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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 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.

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

Project Name:	38-20 28TH STREET	**Lab Number:**	L1318356
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Case Narrative (continued)

Report Submission

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

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

The surrogate recovery for L1318356-03 is below the acceptance criteria for dibromofluoromethane(26%), due to a known matrix effect caused by the high pH of the sample (>10).

Semivolatile Organics

The WG637568-2/-3 LCS/LCSD recoveries, associated with L1318356-02, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Metals

L1318356-01, -02, and -03 have elevated detection limits for all elements, with the exception of mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG637705-4 MS recoveries for aluminum (455%), iron (0%), lead (513%), and manganese (0%), performed on L1318356-01, do not apply because the sample concentrations are greater than four times the spike amount added.

The WG637705-4 MS recovery, performed on L1318356-01, is above the acceptance criteria for zinc (159%). A post digestion spike was performed with an unacceptable recovery of 66%. This has been attributed to sample matrix.

The WG638236-4 MS recovery, performed on L1318356-03, is above the acceptance criteria for mercury (137%). A post digestion spike was performed with an acceptable recovery of 93%.

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:  Cynthia McQueen

Title: Technical Director/Representative Date: 09/26/13

ORGANICS

VOLATILES

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-01	Date Collected:	09/16/13 11:00
Client ID:	SB-6(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/13 10:13		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	3.4	J	ug/kg	12	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.21	1
Chloroform	ND		ug/kg	1.8	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.36	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.9	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	4.7	0.49	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.20	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.9	0.92	1
Bromomethane	ND		ug/kg	2.3	0.40	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.28	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-01 Date Collected: 09/16/13 11:00

Client ID: SB-6(0-2') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	2.3	0.38	1
o-Xylene	ND		ug/kg	2.3	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Dibromomethane	ND		ug/kg	12	0.19	1
Styrene	ND		ug/kg	2.3	0.36	1
Dichlorodifluoromethane	ND		ug/kg	12	0.26	1
Acetone	ND		ug/kg	12	3.6	1
Carbon disulfide	ND		ug/kg	12	2.3	1
2-Butanone	ND		ug/kg	12	0.42	1
Vinyl acetate	ND		ug/kg	12	0.56	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.26	1
Bromochloromethane	ND		ug/kg	5.9	0.23	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.21	1
1,3-Dichloropropane	ND		ug/kg	5.9	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
n-Butylbenzene	ND		ug/kg	1.2	0.23	1
sec-Butylbenzene	ND		ug/kg	1.2	0.24	1
tert-Butylbenzene	ND		ug/kg	5.9	0.66	1
o-Chlorotoluene	ND		ug/kg	5.9	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	0.93	1
Isopropylbenzene	ND		ug/kg	1.2	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.22	1
Naphthalene	ND		ug/kg	5.9	0.90	1
Acrylonitrile	ND		ug/kg	12	0.28	1
Tert-Butyl Alcohol	ND		ug/kg	70	1.1	1
n-Propylbenzene	ND		ug/kg	1.2	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	0.67	1
Methyl Acetate	ND		ug/kg	23	0.90	1
Acrolein	ND		ug/kg	29	11.	1
1,4-Dioxane	ND		ug/kg	120	20.	1
Freon-113	ND		ug/kg	23	0.32	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-01 Date Collected: 09/16/13 11:00

Client ID: SB-6(0-2') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-02	Date Collected:	09/16/13 11:00
Client ID:	SB-6(3-5')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/13 10:41		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	2.6	J	ug/kg	11	2.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.19	1
Chloroform	ND		ug/kg	1.6	0.40	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	0.34	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	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
Bromoform	ND		ug/kg	4.4	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.19	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	5.5	0.86	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.15	1
Chloroethane	ND		ug/kg	2.2	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.26	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.11	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-02 Date Collected: 09/16/13 11:00

Client ID: SB-6(3-5') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	2.2	0.35	1
o-Xylene	ND		ug/kg	2.2	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.34	1
Dichlorodifluoromethane	ND		ug/kg	11	0.24	1
Acetone	ND		ug/kg	11	3.4	1
Carbon disulfide	ND		ug/kg	11	2.2	1
2-Butanone	ND		ug/kg	11	0.39	1
Vinyl acetate	ND		ug/kg	11	0.52	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.24	1
Bromochloromethane	ND		ug/kg	5.5	0.22	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.5	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
n-Butylbenzene	ND		ug/kg	1.1	0.22	1
sec-Butylbenzene	ND		ug/kg	1.1	0.22	1
tert-Butylbenzene	ND		ug/kg	5.5	0.61	1
o-Chlorotoluene	ND		ug/kg	5.5	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.86	1
Isopropylbenzene	ND		ug/kg	1.1	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.21	1
Naphthalene	ND		ug/kg	5.5	0.84	1
Acrylonitrile	ND		ug/kg	11	0.26	1
Tert-Butyl Alcohol	ND		ug/kg	66	0.99	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.63	1
Methyl Acetate	ND		ug/kg	22	0.83	1
Acrolein	ND		ug/kg	27	10.	1
1,4-Dioxane	ND		ug/kg	110	19.	1
Freon-113	ND		ug/kg	22	0.30	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-02 Date Collected: 09/16/13 11:00

Client ID: SB-6(3-5') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	96		70-130

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-03	Date Collected:	09/16/13 12:00
Client ID:	SB-7(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	09/24/13 11:09		
Analyst:	BN		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	2.2	J	ug/kg	10	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.18	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	ND		ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Bromodichloromethane	ND		ug/kg	1.0	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
Bromoform	ND		ug/kg	4.2	0.43	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.18	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	5.2	0.82	1
Bromomethane	ND		ug/kg	2.1	0.35	1
Vinyl chloride	ND		ug/kg	2.1	0.15	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.11	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-03 Date Collected: 09/16/13 12:00

Client ID: SB-7(0-2') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	2.1	0.34	1
o-Xylene	ND		ug/kg	2.1	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.16	1
Dibromomethane	ND		ug/kg	10	0.17	1
Styrene	ND		ug/kg	2.1	0.32	1
Dichlorodifluoromethane	ND		ug/kg	10	0.23	1
Acetone	ND		ug/kg	10	3.2	1
Carbon disulfide	ND		ug/kg	10	2.1	1
2-Butanone	ND		ug/kg	10	0.37	1
Vinyl acetate	ND		ug/kg	10	0.50	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.23	1
Bromochloromethane	ND		ug/kg	5.2	0.20	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.18	1
1,3-Dichloropropane	ND		ug/kg	5.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.33	1
n-Butylbenzene	ND		ug/kg	1.0	0.21	1
sec-Butylbenzene	ND		ug/kg	1.0	0.22	1
tert-Butylbenzene	ND		ug/kg	5.2	0.58	1
o-Chlorotoluene	ND		ug/kg	5.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	0.82	1
Isopropylbenzene	ND		ug/kg	1.0	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.20	1
Naphthalene	ND		ug/kg	5.2	0.80	1
Acrylonitrile	ND		ug/kg	10	0.25	1
Tert-Butyl Alcohol	ND		ug/kg	63	0.95	1
n-Propylbenzene	ND		ug/kg	1.0	0.13	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.60	1
Methyl Acetate	ND		ug/kg	21	0.80	1
Acrolein	ND		ug/kg	26	9.6	1
1,4-Dioxane	ND		ug/kg	100	18.	1
Freon-113	ND		ug/kg	21	0.28	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-03 Date Collected: 09/16/13 12:00

Client ID: SB-7(0-2') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	**26**	Q	70-130

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/24/13 09:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG638589-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
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	0.31
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	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.25	J	ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/24/13 09:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG638589-3					
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
Bromochloromethane	ND		ug/kg	5.0	0.20
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77
Acrylonitrile	ND		ug/kg	10	0.24
Tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Acrolein	ND		ug/kg	25	9.2

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 09/24/13 09:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG638589-3					
1,4-Dioxane	ND		ug/kg	100	17.
Freon-113	ND		ug/kg	20	0.27

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG638589-1 WG638589-2								
Methylene chloride	104		99		70-130	5		30
1,1-Dichloroethane	102		94		70-130	8		30
Chloroform	104		96		70-130	8		30
Carbon tetrachloride	99		89		70-130	11		30
1,2-Dichloropropane	103		98		70-130	5		30
Dibromochloromethane	95		90		70-130	5		30
2-Chloroethylvinyl ether	97		96		70-130	1		30
1,1,2-Trichloroethane	98		95		70-130	3		30
Tetrachloroethene	96		85		70-130	12		30
Chlorobenzene	98		90		70-130	9		30
Trichlorofluoromethane	108		91		70-139	17		30
1,2-Dichloroethane	105		101		70-130	4		30
1,1,1-Trichloroethane	101		90		70-130	12		30
Bromodichloromethane	102		97		70-130	5		30
trans-1,3-Dichloropropene	92		90		70-130	2		30
cis-1,3-Dichloropropene	99		94		70-130	5		30
1,1-Dichloropropene	101		88		70-130	14		30
Bromoform	94		91		70-130	3		30
1,1,2,2-Tetrachloroethane	95		93		70-130	2		30
Benzene	102		94		70-130	8		30
Toluene	95		86		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG638589-1 WG638589-2								
Ethylbenzene	97		88		70-130	10		30
Chloromethane	94		85		52-130	10		30
Bromomethane	109		102		57-147	7		30
Vinyl chloride	98		85		67-130	14		30
Chloroethane	126		108		50-151	15		30
1,1-Dichloroethene	98		86		65-135	13		30
trans-1,2-Dichloroethene	101		90		70-130	12		30
Trichloroethene	102		92		70-130	10		30
1,2-Dichlorobenzene	97		92		70-130	5		30
1,3-Dichlorobenzene	97		91		70-130	6		30
1,4-Dichlorobenzene	98		93		70-130	5		30
Methyl tert butyl ether	102		99		66-130	3		30
p/m-Xylene	98		90		70-130	9		30
o-Xylene	99		91		70-130	8		30
cis-1,2-Dichloroethene	103		96		70-130	7		30
Dibromomethane	103		99		70-130	4		30
Styrene	100		94		70-130	6		30
Dichlorodifluoromethane	90		76		30-146	17		30
Acetone	**146**	Q	137		54-140	6		30
Carbon disulfide	97		86		59-130	12		30
2-Butanone	**139**	Q	**132**	Q	70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG638589-1 WG638589-2								
Vinyl acetate	95		94		70-130	1		30
4-Methyl-2-pentanone	102		100		70-130	2		30
1,2,3-Trichloropropane	98		95		68-130	3		30
2-Hexanone	110		102		70-130	8		30
Bromochloromethane	106		102		70-130	4		30
2,2-Dichloropropane	102		90		70-130	13		30
1,2-Dibromoethane	96		94		70-130	2		30
1,3-Dichloropropane	97		93		69-130	4		30
1,1,1,2-Tetrachloroethane	96		90		70-130	6		30
Bromobenzene	97		92		70-130	5		30
n-Butylbenzene	98		87		70-130	12		30
sec-Butylbenzene	97		86		70-130	12		30
tert-Butylbenzene	95		86		70-130	10		30
o-Chlorotoluene	96		87		70-130	10		30
p-Chlorotoluene	96		89		70-130	8		30
1,2-Dibromo-3-chloropropane	87		87		68-130	0		30
Hexachlorobutadiene	98		86		67-130	13		30
Isopropylbenzene	97		87		70-130	11		30
p-Isopropyltoluene	98		88		70-130	11		30
Naphthalene	98		94		70-130	4		30
Acrylonitrile	105		104		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG638589-1 WG638589-2								
Isopropyl Ether	107		102		66-130	5		30
Tert-Butyl Alcohol	96		94		70-130	2		30
n-Propylbenzene	97		87		70-130	11		30
1,2,3-Trichlorobenzene	101		96		70-130	5		30
1,2,4-Trichlorobenzene	102		96		70-130	6		30
1,3,5-Trimethylbenzene	98		89		70-130	10		30
1,2,4-Trimethylbenzene	99		90		70-130	10		30
Methyl Acetate	102		101		51-146	1		30
Ethyl Acetate	103		100		70-130	3		30
Acrolein	98		95		70-130	3		30
Cyclohexane	101		87		59-142	15		30
1,4-Dioxane	99		97		65-136	2		30
Freon-113	100		86		50-139	15		30
1,4-Diethylbenzene	99		89		70-130	11		30
4-Ethyltoluene	98		89		70-130	10		30
1,2,4,5-Tetramethylbenzene	101		94		70-130	7		30
Tetrahydrofuran	107		104		66-130	3		30
Ethyl ether	102		101		67-130	1		30
trans-1,4-Dichloro-2-butene	94		93		70-130	1		30
Methyl cyclohexane	98		84		70-130	15		30
Ethyl-Tert-Butyl-Ether	105		100		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG638589-1 WG638589-2								
Tertiary-Amyl Methyl Ether	101		98		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	99		98		70-130

SEMIVOLATILES

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-01	Date Collected:	09/16/13 11:00
Client ID:	SB-6(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/13 18:15
Analytical Date:	09/26/13 00:54		
Analyst:	RC		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	40.	1
Benzidine	ND		ug/kg	640	150	1
n-Nitrosodimethylamine	ND		ug/kg	390	63.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	64.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	50.	1
Fluoranthene	400		ug/kg	120	36.	1
Azobenzene	ND		ug/kg	190	52.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Hexachlorobutadiene	ND		ug/kg	190	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	120	1
Hexachloroethane	ND		ug/kg	160	35.	1
Isophorone	ND		ug/kg	170	52.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NDPA/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	58.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	51.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	48.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1
Benzo(a)anthracene	190		ug/kg	120	38.	1
Benzo(a)pyrene	170		ug/kg	160	47.	1
Benzo(b)fluoranthene	200		ug/kg	120	39.	1
Benzo(k)fluoranthene	94	J	ug/kg	120	37.	1
Chrysene	200		ug/kg	120	38.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-01 Date Collected: 09/16/13 11:00

Client ID: SB-6(0-2') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	36.	1
Anthracene	53	J	ug/kg	120	32.	1
Benzo(ghi)perylene	110	J	ug/kg	160	40.	1
Fluorene	ND		ug/kg	190	56.	1
Phenanthrene	300		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	160	43.	1
Pyrene	340		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	440	64.	1
Aniline	ND		ug/kg	230	40.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	55.	1
3-Nitroaniline	ND		ug/kg	190	54.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	ND		ug/kg	190	65.	1
2-Methylnaphthalene	ND		ug/kg	230	62.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	63.	1
2,4-Dimethylphenol	ND		ug/kg	190	58.	1
2-Nitrophenol	ND		ug/kg	420	60.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	930	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	71.	1
Pentachlorophenol	ND		ug/kg	160	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	63.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	42.	1
Benzaldehyde	ND		ug/kg	260	78.	1
Caprolactam	ND		ug/kg	190	54.	1
Atrazine	ND		ug/kg	160	44.	1
Parathion	ND		ug/kg	190	77.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-01 Date Collected: 09/16/13 11:00

Client ID: SB-6(0-2') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	57		0-136
4-Terphenyl-d14	49		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-02	Date Collected:	09/16/13 11:00
Client ID:	SB-6(3-5')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/19/13 18:15
Analytical Date:	09/21/13 22:22		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	37.	1
Benzidine	ND		ug/kg	600	140	1
n-Nitrosodimethylamine	ND		ug/kg	360	58.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	59.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	51.	1
2-Chloronaphthalene	ND		ug/kg	180	59.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	39.	1
2,6-Dinitrotoluene	ND		ug/kg	180	46.	1
Fluoranthene	160		ug/kg	110	33.	1
Azobenzene	ND		ug/kg	180	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	64.	1
Hexachlorobutadiene	ND		ug/kg	180	51.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	120	1
Hexachloroethane	ND		ug/kg	140	33.	1
Isophorone	ND		ug/kg	160	48.	1
Nitrobenzene	ND		ug/kg	160	43.	1
NDPA/DPA	ND		ug/kg	140	38.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	54.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	47.	1
Butyl benzyl phthalate	ND		ug/kg	180	35.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	44.	1
Diethyl phthalate	ND		ug/kg	180	38.	1
Dimethyl phthalate	ND		ug/kg	180	46.	1
Benzo(a)anthracene	69	J	ug/kg	110	35.	1
Benzo(a)pyrene	60	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	81	J	ug/kg	110	36.	1
Benzo(k)fluoranthene	ND		ug/kg	110	34.	1
Chrysene	75	J	ug/kg	110	35.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-02 Date Collected: 09/16/13 11:00

Client ID: SB-6(3-5') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	34.	1
Anthracene	ND		ug/kg	110	30.	1
Benzo(ghi)perylene	41	J	ug/kg	140	38.	1
Fluorene	ND		ug/kg	180	52.	1
Phenanthrene	120		ug/kg	110	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	35.	1
Indeno(1,2,3-cd)pyrene	43	J	ug/kg	140	40.	1
Pyrene	130		ug/kg	110	35.	1
Biphenyl	ND		ug/kg	410	60.	1
Aniline	ND		ug/kg	220	37.	1
4-Chloroaniline	ND		ug/kg	180	48.	1
2-Nitroaniline	ND		ug/kg	180	51.	1
3-Nitroaniline	ND		ug/kg	180	50.	1
4-Nitroaniline	ND		ug/kg	180	49.	1
Dibenzofuran	ND		ug/kg	180	60.	1
2-Methylnaphthalene	ND		ug/kg	220	58.	1
Acetophenone	ND		ug/kg	180	56.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	52.	1
2-Chlorophenol	ND		ug/kg	180	54.	1
2,4-Dichlorophenol	ND		ug/kg	160	58.	1
2,4-Dimethylphenol	ND		ug/kg	180	54.	1
2-Nitrophenol	ND		ug/kg	390	56.	1
4-Nitrophenol	ND		ug/kg	250	58.	1
2,4-Dinitrophenol	ND		ug/kg	870	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	66.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	53.	1
2-Methylphenol	ND		ug/kg	180	58.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	59.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	58.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	39.	1
Benzaldehyde	ND		ug/kg	240	73.	1
Caprolactam	ND		ug/kg	180	50.	1
Atrazine	ND		ug/kg	140	41.	1
Parathion	ND		ug/kg	180	71.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-02 Date Collected: 09/16/13 11:00

Client ID: SB-6(3-5') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	72		0-136
4-Terphenyl-d14	70		18-120

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-03	Date Collected:	09/16/13 12:00
Client ID:	SB-7(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	09/24/13 22:16
Analytical Date:	09/26/13 00:27		
Analyst:	PS		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	35.	1
Benzidine	ND		ug/kg	560	130	1
n-Nitrosodimethylamine	ND		ug/kg	340	55.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	56.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	31.	1
Azobenzene	ND		ug/kg	170	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	60.	1
Hexachlorobutadiene	ND		ug/kg	170	48.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	150	45.	1
Nitrobenzene	ND		ug/kg	150	40.	1
NDPA/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	51.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	33.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	43.	1
Benzo(a)anthracene	ND		ug/kg	100	33.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	34.	1
Benzo(k)fluoranthene	ND		ug/kg	100	32.	1
Chrysene	ND		ug/kg	100	33.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-03 Date Collected: 09/16/13 12:00

Client ID: SB-7(0-2') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	28.	1
Benzo(ghi)perylene	ND		ug/kg	140	35.	1
Fluorene	ND		ug/kg	170	49.	1
Phenanthrene	ND		ug/kg	100	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	33.	1
Biphenyl	ND		ug/kg	390	56.	1
Aniline	ND		ug/kg	200	35.	1
4-Chloroaniline	ND		ug/kg	170	45.	1
2-Nitroaniline	ND		ug/kg	170	48.	1
3-Nitroaniline	ND		ug/kg	170	47.	1
4-Nitroaniline	ND		ug/kg	170	46.	1
Dibenzofuran	ND		ug/kg	170	57.	1
2-Methylnaphthalene	ND		ug/kg	200	54.	1
Acetophenone	ND		ug/kg	170	53.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	49.	1
2-Chlorophenol	ND		ug/kg	170	51.	1
2,4-Dichlorophenol	ND		ug/kg	150	55.	1
2,4-Dimethylphenol	ND		ug/kg	170	51.	1
2-Nitrophenol	ND		ug/kg	370	53.	1
4-Nitrophenol	ND		ug/kg	240	55.	1
2,4-Dinitrophenol	ND		ug/kg	820	230	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	62.	1
Pentachlorophenol	ND		ug/kg	140	36.	1
Phenol	ND		ug/kg	170	50.	1
2-Methylphenol	ND		ug/kg	170	55.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	56.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	55.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	37.	1
Benzaldehyde	ND		ug/kg	220	69.	1
Caprolactam	ND		ug/kg	170	47.	1
Atrazine	ND		ug/kg	140	39.	1
Parathion	ND		ug/kg	170	68.	1

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-03 Date Collected: 09/16/13 12:00

Client ID: SB-7(0-2') Date Received: 09/17/13

Sample Location: 38-20 28TH STREET LIC, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**12**	Q	25-120
Phenol-d6	40		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	4		0-136
4-Terphenyl-d14	76		18-120

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/21/13 14:33
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/19/13 18:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG637568-1					
Acenaphthene	ND		ug/kg	130	34.
Benzidine	ND		ug/kg	550	130
n-Nitrosodimethylamine	ND		ug/kg	330	54.
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.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	36.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	99	30.
Azobenzene	ND		ug/kg	160	44.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Hexachlorobutadiene	ND		ug/kg	160	47.
Hexachlorocyclopentadiene	ND		ug/kg	470	110
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	35.
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	41.
Diethyl phthalate	ND		ug/kg	160	35.
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	32.
Chrysene	ND		ug/kg	99	32.

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/21/13 14:33
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/19/13 18:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG637568-1					
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	28.
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	37.
Pyrene	ND		ug/kg	99	32.
Biphenyl	ND		ug/kg	380	54.
Aniline	ND		ug/kg	200	34.
4-Chloroaniline	ND		ug/kg	160	44.
2-Nitroaniline	ND		ug/kg	160	47.
3-Nitroaniline	ND		ug/kg	160	46.
4-Nitroaniline	ND		ug/kg	160	45.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	53.
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	54.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	360	52.
4-Nitrophenol	ND		ug/kg	230	54.
2,4-Dinitrophenol	ND		ug/kg	790	230
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	54.

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/21/13 14:33
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 09/19/13 18:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG637568-1					
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	36.
Benzaldehyde	ND		ug/kg	220	67.
Caprolactam	ND		ug/kg	160	46.
Atrazine	ND		ug/kg	130	38.
Parathion	ND		ug/kg	160	66.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	79		0-136
4-Terphenyl-d14	95		18-120

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/25/13 20:17
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 09/24/13 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG638721-1					
Acenaphthene	ND		ug/kg	130	34.
Benzidine	ND		ug/kg	550	130
n-Nitrosodimethylamine	ND		ug/kg	330	54.
1,2,4-Trichlorobenzene	ND		ug/kg	170	54.
Hexachlorobenzene	ND		ug/kg	100	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	170	54.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	36.
2,6-Dinitrotoluene	ND		ug/kg	170	42.
Fluoranthene	ND		ug/kg	100	30.
Azobenzene	ND		ug/kg	170	44.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Hexachlorobutadiene	ND		ug/kg	170	47.
Hexachlorocyclopentadiene	ND		ug/kg	480	110
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Nitrobenzene	ND		ug/kg	150	40.
NDPA/DPA	ND		ug/kg	130	35.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	50.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	44.
Butyl benzyl phthalate	ND		ug/kg	170	32.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	41.
Diethyl phthalate	ND		ug/kg	170	35.
Dimethyl phthalate	ND		ug/kg	170	42.
Benzo(a)anthracene	ND		ug/kg	100	32.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	34.
Benzo(k)fluoranthene	ND		ug/kg	100	32.
Chrysene	ND		ug/kg	100	33.

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/25/13 20:17
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 09/24/13 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG638721-1					
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	100	28.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	170	48.
Phenanthrene	ND		ug/kg	100	32.
Dibenzo(a,h)anthracene	ND		ug/kg	100	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	100	32.
Biphenyl	ND		ug/kg	380	55.
Aniline	ND		ug/kg	200	34.
4-Chloroaniline	ND		ug/kg	170	44.
2-Nitroaniline	ND		ug/kg	170	47.
3-Nitroaniline	ND		ug/kg	170	46.
4-Nitroaniline	ND		ug/kg	170	45.
Dibenzofuran	ND		ug/kg	170	55.
2-Methylnaphthalene	ND		ug/kg	200	53.
Acetophenone	ND		ug/kg	170	51.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	48.
2-Chlorophenol	ND		ug/kg	170	50.
2,4-Dichlorophenol	ND		ug/kg	150	54.
2,4-Dimethylphenol	ND		ug/kg	170	50.
2-Nitrophenol	ND		ug/kg	360	52.
4-Nitrophenol	ND		ug/kg	230	54.
2,4-Dinitrophenol	ND		ug/kg	800	230
4,6-Dinitro-o-cresol	ND		ug/kg	430	61.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	49.
2-Methylphenol	ND		ug/kg	170	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	170	54.

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 09/25/13 20:17
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 09/24/13 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG638721-1					
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	36.
Benzaldehyde	ND		ug/kg	220	67.
Caprolactam	ND		ug/kg	170	46.
Atrazine	ND		ug/kg	130	38.
Parathion	ND		ug/kg	170	66.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	70		0-136
4-Terphenyl-d14	80		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG637568-2 WG637568-3								
Acenaphthene	72		99		31-137	32		50
Benzidine	20		29			37		50
n-Nitrosodimethylamine	72		88			20		50
1,2,4-Trichlorobenzene	63		80		38-107	24		50
Hexachlorobenzene	73		106		40-140	37		50
Bis(2-chloroethyl)ether	66		81		40-140	20		50
2-Chloronaphthalene	67		90		40-140	29		50
1,2-Dichlorobenzene	64		79		40-140	21		50
1,3-Dichlorobenzene	64		76		40-140	17		50
1,4-Dichlorobenzene	64		77		28-104	18		50
3,3'-Dichlorobenzidine	70		86		40-140	21		50
2,4-Dinitrotoluene	81		**119**	Q	28-89	38		50
2,6-Dinitrotoluene	73		110		40-140	40		50
Fluoranthene	84		118		40-140	34		50
4-Chlorophenyl phenyl ether	73		103		40-140	34		50
4-Bromophenyl phenyl ether	75		109		40-140	37		50
Azobenzene	74		107		40-140	36		50
Bis(2-chloroisopropyl)ether	56		70		40-140	22		50
Bis(2-chloroethoxy)methane	65		83		40-117	24		50
Hexachlorobutadiene	58		72		40-140	22		50
Hexachlorocyclopentadiene	50		66		40-140	28		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG637568-2 WG637568-3								
Hexachloroethane	61		74		40-140	19		50
Isophorone	65		83		40-140	24		50
Naphthalene	66		83		40-140	23		50
Nitrobenzene	65		84		40-140	26		50
NDPA/DPA	79		114			36		50
n-Nitrosodi-n-propylamine	66		84		32-121	24		50
Bis(2-ethylhexyl)phthalate	75		107		40-140	35		50
Butyl benzyl phthalate	88		117		40-140	28		50
Di-n-butylphthalate	79		111		40-140	34		50
Di-n-octylphthalate	77		110		40-140	35		50
Diethyl phthalate	74		109		40-140	38		50
Dimethyl phthalate	73		106		40-140	37		50
Benzo(a)anthracene	77		113		40-140	38		50
Benzo(a)pyrene	79		111		40-140	34		50
Benzo(b)fluoranthene	80		111		40-140	32		50
Benzo(k)fluoranthene	80		113		40-140	34		50
Chrysene	79		114		40-140	36		50
Acenaphthylene	70		97		40-140	32		50
Anthracene	80		112		40-140	33		50
Benzo(ghi)perylene	77		110		40-140	35		50
Fluorene	75		108		40-140	36		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG637568-2 WG637568-3								
Phenanthrene	78		113		40-140	37		50
Dibenzo(a,h)anthracene	76		108		40-140	35		50
Indeno(1,2,3-cd)pyrene	75		107		40-140	35		50
Pyrene	88		118		35-142	29		50
Biphenyl	71		91			25		50
Aniline	47		66		40-140	34		50
4-Chloroaniline	**38**	Q	76		40-140	**67**	Q	50
2-Nitroaniline	76		116		47-134	42		50
3-Nitroaniline	58		94		26-129	47		50
4-Nitroaniline	89		**131**	Q	41-125	38		50
Dibenzofuran	75		104		40-140	32		50
2-Methylnaphthalene	65		84		40-140	26		50
1,2,4,5-Tetrachlorobenzene	69		87		40-117	23		50
Acetophenone	69		87		14-144	23		50
2,4,6-Trichlorophenol	71		102		30-130	36		50
p-Chloro-m-cresol	74		**106**	Q	26-103	36		50
2-Chlorophenol	71		88		25-102	21		50
2,4-Dichlorophenol	74		95		30-130	25		50
2,4-Dimethylphenol	68		88		30-130	26		50
2-Nitrophenol	67		88		30-130	27		50
4-Nitrophenol	88		**132**	Q	11-114	40		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG637568-2 WG637568-3								
2,4-Dinitrophenol	66		98		4-130	39		50
4,6-Dinitro-o-cresol	72		109		10-130	41		50
Pentachlorophenol	70		107		17-109	42		50
Phenol	72		**93**	Q	26-90	25		50
2-Methylphenol	72		92		30-130.	24		50
3-Methylphenol/4-Methylphenol	73		95		30-130	26		50
2,4,5-Trichlorophenol	74		105		30-130	35		50
Benzoic Acid	0		0			NC		50
Benzyl Alcohol	65		87		40-140	29		50
Carbazole	87		122		54-128	33		50
Benzaldehyde	73		87			18		50
Caprolactam	79		118			40		50
Atrazine	104		114			9		50
2,3,4,6-Tetrachlorophenol	79		116			38		50
Pyridine	51		56		10-93	9		50
Parathion	116		127		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG637568-2 WG637568-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		96		25-120
Phenol-d6	93		95		10-120
Nitrobenzene-d5	84		83		23-120
2-Fluorobiphenyl	84		88		30-120
2,4,6-Tribromophenol	97		112		0-136
4-Terphenyl-d14	99		107		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG638721-2 WG638721-3								
Acenaphthene	75		79		31-137	5		50
Benzidine	27		20			30		50
n-Nitrosodimethylamine	71		74			4		50
1,2,4-Trichlorobenzene	67		70		38-107	4		50
Hexachlorobenzene	80		82		40-140	2		50
Bis(2-chloroethyl)ether	70		73		40-140	4		50
2-Chloronaphthalene	77		80		40-140	4		50
1,2-Dichlorobenzene	68		71		40-140	4		50
1,3-Dichlorobenzene	68		71		40-140	4		50
1,4-Dichlorobenzene	68		70		28-104	3		50
3,3'-Dichlorobenzidine	62		59		40-140	5		50
2,4-Dinitrotoluene	87		88		28-89	1		50
2,6-Dinitrotoluene	88		91		40-140	3		50
Fluoranthene	86		86		40-140	0		50
4-Chlorophenyl phenyl ether	76		80		40-140	5		50
4-Bromophenyl phenyl ether	80		84		40-140	5		50
Azobenzene	86		89		40-140	3		50
Bis(2-chloroisopropyl)ether	72		75		40-140	4		50
Bis(2-chloroethoxy)methane	74		77		40-117	4		50
Hexachlorobutadiene	65		69		40-140	6		50
Hexachlorocyclopentadiene	71		73		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG638721-2 WG638721-3								
Hexachloroethane	66		71		40-140	7		50
Isophorone	76		79		40-140	4		50
Naphthalene	72		73		40-140	1		50
Nitrobenzene	70		71		40-140	1		50
NDPA/DPA	82		85			4		50
n-Nitrosodi-n-propylamine	74		77		32-121	4		50
Bis(2-ethylhexyl)phthalate	98		101		40-140	3		50
Butyl benzyl phthalate	93		93		40-140	0		50
Di-n-butylphthalate	90		92		40-140	2		50
Di-n-octylphthalate	101		103		40-140	2		50
Diethyl phthalate	85		87		40-140	2		50
Dimethyl phthalate	81		84		40-140	4		50
Benzo(a)anthracene	87		87		40-140	0		50
Benzo(a)pyrene	84		87		40-140	4		50
Benzo(b)fluoranthene	78		80		40-140	3		50
Benzo(k)fluoranthene	91		94		40-140	3		50
Chrysene	86		90		40-140	5		50
Acenaphthylene	80		84		40-140	5		50
Anthracene	85		88		40-140	3		50
Benzo(ghi)perylene	82		82		40-140	0		50
Fluorene	80		83		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG638721-2 WG638721-3								
Phenanthrene	83		85		40-140	2		50
Dibenzo(a,h)anthracene	84		85		40-140	1		50
Indeno(1,2,3-cd)pyrene	79		80		40-140	1		50
Pyrene	85		86		35-142	1		50
Biphenyl	83		86			4		50
Aniline	53		53		40-140	0		50
4-Chloroaniline	60		63		40-140	5		50
2-Nitroaniline	91		95		47-134	4		50
3-Nitroaniline	48		44		26-129	9		50
4-Nitroaniline	79		83		41-125	5		50
Dibenzofuran	78		82		40-140	5		50
2-Methylnaphthalene	72		75		40-140	4		50
1,2,4,5-Tetrachlorobenzene	79		81		40-117	3		50
Acetophenone	81		83		14-144	2		50
2,4,6-Trichlorophenol	83		89		30-130	7		50
p-Chloro-m-cresol	90		94		26-103	4		50
2-Chlorophenol	72		76		25-102	5		50
2,4-Dichlorophenol	76		81		30-130	6		50
2,4-Dimethylphenol	80		84		30-130	5		50
2-Nitrophenol	74		78		30-130	5		50
4-Nitrophenol	98		102		11-114	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG638721-2 WG638721-3								
2,4-Dinitrophenol	76		81		4-130	6		50
4,6-Dinitro-o-cresol	82		85		10-130	4		50
Pentachlorophenol	78		82		17-109	5		50
Phenol	76		79		26-90	4		50
2-Methylphenol	76		80		30-130.	5		50
3-Methylphenol/4-Methylphenol	82		86		30-130	5		50
2,4,5-Trichlorophenol	89		91		30-130	2		50
Benzoic Acid	38		40			5		50
Benzyl Alcohol	76		79		40-140	4		50
Carbazole	86		88		54-128	2		50
Benzaldehyde	82		86			5		50
Caprolactam	97		101			4		50
Atrazine	101		104			3		50
2,3,4,6-Tetrachlorophenol	86		92			7		50
Pyridine	58		57		10-93	2		50
Parathion	118		122		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG638721-2 WG638721-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		78		25-120
Phenol-d6	77		79		10-120
Nitrobenzene-d5	75		77		23-120
2-Fluorobiphenyl	79		81		30-120
2,4,6-Tribromophenol	87		90		0-136
4-Terphenyl-d14	85		86		18-120

PCBS

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-01	Date Collected:	09/16/13 11:00
Client ID:	SB-6(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/20/13 15:54
Analytical Date:	09/21/13 10:36	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	09/21/13
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	09/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.8	7.28	1	A
Aroclor 1221	ND		ug/kg	36.8	11.1	1	A
Aroclor 1232	ND		ug/kg	36.8	7.82	1	A
Aroclor 1242	ND		ug/kg	36.8	6.99	1	A
Aroclor 1248	ND		ug/kg	36.8	4.46	1	A
Aroclor 1254	ND		ug/kg	36.8	5.81	1	A
Aroclor 1260	ND		ug/kg	36.8	6.39	1	A
Aroclor 1262	ND		ug/kg	36.8	2.72	1	A
Aroclor 1268	ND		ug/kg	36.8	5.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 38-20 28TH STREET
Lab Number: L1318356
Project Number: 4338
Report Date: 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-02	Date Collected:	09/16/13 11:00
Client ID:	SB-6(3-5')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/20/13 15:54
Analytical Date:	09/21/13 10:49	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	09/21/13
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	09/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	6.89	1	A
Aroclor 1221	ND		ug/kg	34.9	10.5	1	A
Aroclor 1232	ND		ug/kg	34.9	7.41	1	A
Aroclor 1242	ND		ug/kg	34.9	6.62	1	A
Aroclor 1248	ND		ug/kg	34.9	4.22	1	A
Aroclor 1254	ND		ug/kg	34.9	5.50	1	A
Aroclor 1260	ND		ug/kg	34.9	6.05	1	A
Aroclor 1262	ND		ug/kg	34.9	2.58	1	A
Aroclor 1268	ND		ug/kg	34.9	5.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-03	Date Collected:	09/16/13 12:00
Client ID:	SB-7(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	09/20/13 15:54
Analytical Date:	09/21/13 11:02	Cleanup Method1:	EPA 3665A
Analyst:	JW	Cleanup Date1:	09/21/13
Percent Solids:	96%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	09/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.0	6.53	1	A
Aroclor 1221	ND		ug/kg	33.0	9.97	1	A
Aroclor 1232	ND		ug/kg	33.0	7.02	1	A
Aroclor 1242	ND		ug/kg	33.0	6.27	1	A
Aroclor 1248	ND		ug/kg	33.0	4.00	1	A
Aroclor 1254	ND		ug/kg	33.0	5.21	1	A
Aroclor 1260	ND		ug/kg	33.0	5.74	1	A
Aroclor 1262	ND		ug/kg	33.0	2.44	1	A
Aroclor 1268	ND		ug/kg	33.0	4.79	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/21/13 12:08
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 09/20/13 15:54
Cleanup Method1: EPA 3665A
Cleanup Date1: 09/21/13
Cleanup Method2: EPA 3660B
Cleanup Date2: 09/21/13

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG637849-1						
Aroclor 1016	ND		ug/kg	32.8	6.49	A
Aroclor 1221	ND		ug/kg	32.8	9.91	A
Aroclor 1232	ND		ug/kg	32.8	6.98	A
Aroclor 1242	ND		ug/kg	32.8	6.23	A
Aroclor 1248	ND		ug/kg	32.8	3.97	A
Aroclor 1254	ND		ug/kg	32.8	5.18	A
Aroclor 1260	ND		ug/kg	32.8	5.70	A
Aroclor 1262	ND		ug/kg	32.8	2.43	A
Aroclor 1268	ND		ug/kg	32.8	4.76	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

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: WG637849-2 WG637849-3									
Aroclor 1016	72		69		40-140	4		50	A
Aroclor 1260	71		69		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		74		30-150	A
Decachlorobiphenyl	80		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		73		30-150	B
Decachlorobiphenyl	74		70		30-150	B

PESTICIDES

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-01	Date Collected:	09/16/13 11:00
Client ID:	SB-6(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/18/13 19:05
Analytical Date:	09/20/13 21:37	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	09/19/13
Percent Solids:	85%		

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	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.898	0.402	1	A
Aldrin	ND		ug/kg	1.80	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.748	0.307	1	A
Dieldrin	ND		ug/kg	1.12	0.561	1	A
4,4'-DDE	ND		ug/kg	1.80	0.415	1	A
4,4'-DDD	ND		ug/kg	1.80	0.640	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	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.342	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.42	1	A
cis-Chlordane	ND		ug/kg	2.24	0.625	1	A
trans-Chlordane	ND		ug/kg	2.24	0.592	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	78		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-01	Date Collected:	09/16/13 11:00
Client ID:	SB-6(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/20/13 20:19
Analytical Date:	09/23/13 16:17	Methylation Date:	09/22/13 23:29
Analyst:	SH		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
Dicamba	ND		ug/kg	38.8	11.3	1	A
2,4-D	ND		ug/kg	194	23.6	1	A
2,4,5-T	ND		ug/kg	194	12.1	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	10.7	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	72		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-02	Date Collected:	09/16/13 11:00
Client ID:	SB-6(3-5')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/18/13 19:05
Analytical Date:	09/20/13 21:50	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	09/19/13
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.687	0.307	1	A
Alpha-BHC	ND		ug/kg	0.687	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.625	1	A
Heptachlor	ND		ug/kg	0.824	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.927	1	A
Endrin	ND		ug/kg	0.687	0.282	1	A
Dieldrin	ND		ug/kg	1.03	0.515	1	A
4,4'-DDE	ND		ug/kg	1.65	0.381	1	A
4,4'-DDD	ND		ug/kg	1.65	0.588	1	A
4,4'-DDT	ND		ug/kg	3.09	1.32	1	A
Endosulfan I	ND		ug/kg	1.65	0.389	1	A
Endosulfan II	ND		ug/kg	1.65	0.551	1	A
Endosulfan sulfate	ND		ug/kg	0.687	0.314	1	A
Methoxychlor	ND		ug/kg	3.09	0.962	1	A
Toxaphene	ND		ug/kg	30.9	8.66	1	A
cis-Chlordane	ND		ug/kg	2.06	0.574	1	A
trans-Chlordane	ND		ug/kg	2.06	0.544	1	A
Chlordane	ND		ug/kg	13.4	5.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-02	Date Collected:	09/16/13 11:00
Client ID:	SB-6(3-5')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/20/13 20:19
Analytical Date:	09/23/13 16:37	Methylation Date:	09/22/13 23:29
Analyst:	SH		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
Dicamba	ND		ug/kg	36.3	10.6	1	A
2,4-D	ND		ug/kg	181	22.0	1	A
2,4,5-T	ND		ug/kg	181	11.3	1	A
2,4,5-TP (Silvex)	ND		ug/kg	181	10.0	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	72		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-03	Date Collected:	09/16/13 12:00
Client ID:	SB-7(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	09/18/13 19:05
Analytical Date:	09/20/13 22:03	Cleanup Method1:	EPA 3620B
Analyst:	SH	Cleanup Date1:	09/19/13
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.58	0.310	1	A
Lindane	ND		ug/kg	0.660	0.295	1	A
Alpha-BHC	ND		ug/kg	0.660	0.187	1	A
Beta-BHC	ND		ug/kg	1.58	0.601	1	A
Heptachlor	ND		ug/kg	0.792	0.355	1	A
Aldrin	ND		ug/kg	1.58	0.558	1	A
Heptachlor epoxide	ND		ug/kg	2.97	0.891	1	A
Endrin	ND		ug/kg	0.660	0.271	1	A
Dieldrin	ND		ug/kg	0.990	0.495	1	A
4,4'-DDE	ND		ug/kg	1.58	0.366	1	A
4,4'-DDD	ND		ug/kg	1.58	0.565	1	A
4,4'-DDT	ND		ug/kg	2.97	1.27	1	A
Endosulfan I	ND		ug/kg	1.58	0.374	1	A
Endosulfan II	ND		ug/kg	1.58	0.529	1	A
Endosulfan sulfate	ND		ug/kg	0.660	0.302	1	A
Methoxychlor	ND		ug/kg	2.97	0.924	1	A
Toxaphene	ND		ug/kg	29.7	8.32	1	A
cis-Chlordane	ND		ug/kg	1.98	0.552	1	A
trans-Chlordane	ND		ug/kg	1.98	0.523	1	A
Chlordane	ND		ug/kg	12.9	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	121		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	130		30-150	B

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

SAMPLE RESULTS

Lab ID:	L1318356-03	Date Collected:	09/16/13 12:00
Client ID:	SB-7(0-2')	Date Received:	09/17/13
Sample Location:	38-20 28TH STREET LIC, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	09/20/13 20:19
Analytical Date:	09/23/13 16:57	Methylation Date:	09/22/13 23:29
Analyst:	SH		
Percent Solids:	96%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
Dicamba	ND		ug/kg	34.6	10.1	1	A
2,4-D	ND		ug/kg	173	21.0	1	A
2,4,5-T	ND		ug/kg	173	10.8	1	A
2,4,5-TP (Silvex)	ND		ug/kg	173	9.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	61		30-150	B

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/20/13 09:34
Analyst: SH

Extraction Method: EPA 3546
Extraction Date: 09/18/13 19:05
Cleanup Method1: EPA 3620B
Cleanup Date1: 09/19/13

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG637232-1						
Delta-BHC	ND		ug/kg	1.54	0.302	A
Lindane	ND		ug/kg	0.642	0.287	A
Alpha-BHC	ND		ug/kg	0.642	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.584	A
Heptachlor	ND		ug/kg	0.770	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.89	0.866	A
Endrin	ND		ug/kg	0.642	0.263	A
Dieldrin	ND		ug/kg	0.963	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	2.89	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.364	A
Endosulfan II	ND		ug/kg	1.54	0.515	A
Endosulfan sulfate	ND		ug/kg	0.642	0.293	A
Methoxychlor	ND		ug/kg	2.89	0.898	A
Toxaphene	ND		ug/kg	28.9	8.09	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.5	5.10	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/23/13 15:18
Analyst: SH

Extraction Method: EPA 8151A
Extraction Date: 09/20/13 20:19

Methylation Date: 09/22/13 23:29

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03 Batch: WG637882-1						
Dicamba	ND		ug/kg	32.8	9.56	A
2,4-D	ND		ug/kg	164	20.0	A
2,4,5-T	ND		ug/kg	164	10.2	A
2,4,5-TP (Silvex)	ND		ug/kg	164	9.06	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	58		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG637232-2 WG637232-3									
Delta-BHC	76		82		30-150	8		30	A
Lindane	68		81		30-150	17		30	A
Alpha-BHC	74		77		30-150	4		30	A
Beta-BHC	78		82		30-150	5		30	A
Heptachlor	79		83		30-150	5		30	A
Aldrin	78		82		30-150	5		30	A
Heptachlor epoxide	69		73		30-150	6		30	A
Endrin	80		85		30-150	6		30	A
Endrin ketone	69		72		30-150	4		30	A
Dieldrin	72		77		30-150	7		30	A
4,4'-DDE	70		74		30-150	6		30	A
4,4'-DDD	72		77		30-150	7		30	A
4,4'-DDT	72		75		30-150	4		30	A
Endosulfan I	72		76		30-150	5		30	A
Endosulfan II	64		67		30-150	5		30	A
Endosulfan sulfate	67		70		30-150	4		30	A
Methoxychlor	70		74		30-150	6		30	A
cis-Chlordane	71		77		30-150	8		30	A
trans-Chlordane	72		76		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG637232-2 WG637232-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		82		30-150	A
Decachlorobiphenyl	102		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		76		30-150	B
Decachlorobiphenyl	117		137		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG637882-2 WG637882-3									
Dicamba	72		86		30-150	18		30	A
2,4-D	82		94		30-150	14		30	A
2,4,5-T	77		90		30-150	16		30	A
2,4,5-TP (Silvex)	82		96		30-150	16		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	81		96		30-150	A
DCAA	61		72		30-150	B

METALS

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-01
Client ID: SB-6(0-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 85%

Date Collected: 09/16/13 11:00
Date Received: 09/17/13
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	8400		mg/kg	9.0	1.8	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.5	0.72	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Arsenic, Total	6.3		mg/kg	0.90	0.18	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Barium, Total	83		mg/kg	0.90	0.27	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Beryllium, Total	0.48		mg/kg	0.45	0.09	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Cadmium, Total	0.94		mg/kg	0.90	0.06	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Chromium, Total	16		mg/kg	0.90	0.18	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Cobalt, Total	5.7		mg/kg	1.8	0.45	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Copper, Total	38		mg/kg	0.90	0.18	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Iron, Total	11000		mg/kg	4.5	1.8	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Lead, Total	360		mg/kg	4.5	0.18	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Manganese, Total	310		mg/kg	0.90	0.18	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Mercury, Total	1.6		mg/kg	0.09	0.02	1	09/24/13 09:13	09/24/13 14:22	EPA 7471B	1,7471B	MC
Nickel, Total	12		mg/kg	2.2	0.36	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Selenium, Total	0.32	J	mg/kg	1.8	0.27	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.90	0.18	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.8	0.36	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Vanadium, Total	20		mg/kg	0.90	0.09	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG
Zinc, Total	150		mg/kg	4.5	0.63	2	09/20/13 09:34	09/20/13 15:21	EPA 3050B	1,6010C	MG

Project Name: 38-20 28TH STREET
Lab Number: L1318356
Project Number: 4338
Report Date: 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-02
Client ID: SB-6(3-5')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 92%

Date Collected: 09/16/13 11:00
Date Received: 09/17/13
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	7200		mg/kg	8.6	1.7	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.3	0.69	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Arsenic, Total	2.6		mg/kg	0.86	0.17	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Barium, Total	33		mg/kg	0.86	0.26	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Beryllium, Total	0.28	J	mg/kg	0.43	0.09	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Cadmium, Total	0.27	J	mg/kg	0.86	0.06	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Chromium, Total	16		mg/kg	0.86	0.17	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Cobalt, Total	4.3		mg/kg	1.7	0.43	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Copper, Total	15		mg/kg	0.86	0.17	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Iron, Total	12000		mg/kg	4.3	1.7	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Lead, Total	140		mg/kg	4.3	0.17	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Manganese, Total	200		mg/kg	0.86	0.17	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Mercury, Total	0.60		mg/kg	0.08	0.02	1	09/24/13 09:13	09/24/13 14:24	EPA 7471B	1,7471B	MC
Nickel, Total	9.5		mg/kg	2.1	0.34	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.7	0.26	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.86	0.17	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.7	0.34	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Vanadium, Total	18		mg/kg	0.86	0.09	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG
Zinc, Total	36		mg/kg	4.3	0.60	2	09/20/13 09:34	09/20/13 15:35	EPA 3050B	1,6010C	MG

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-03
Client ID: SB-7(0-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Percent Solids: 96%

Date Collected: 09/16/13 12:00
Date Received: 09/17/13
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	8.3	1.6	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Antimony, Total	ND		mg/kg	4.1	0.66	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Arsenic, Total	2.1		mg/kg	0.83	0.16	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Barium, Total	35		mg/kg	0.83	0.25	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Beryllium, Total	0.33	J	mg/kg	0.41	0.08	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Cadmium, Total	0.24	J	mg/kg	0.83	0.06	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Chromium, Total	25		mg/kg	0.83	0.16	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Cobalt, Total	5.0		mg/kg	1.6	0.41	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Copper, Total	19		mg/kg	0.83	0.16	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Iron, Total	9500		mg/kg	4.1	1.6	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Lead, Total	7.7		mg/kg	4.1	0.16	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Manganese, Total	260		mg/kg	0.83	0.16	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.07	0.01	1	09/24/13 09:13	09/24/13 14:34	EPA 7471B	1,7471B	MC
Nickel, Total	15		mg/kg	2.1	0.33	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.6	0.25	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.83	0.16	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Thallium, Total	ND		mg/kg	1.6	0.33	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Vanadium, Total	20		mg/kg	0.83	0.08	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG
Zinc, Total	23		mg/kg	4.1	0.58	2	09/20/13 09:34	09/20/13 15:57	EPA 3050B	1,6010C	MG

Project Name: 38-20 28TH STREET **Lab Number:** L1318356

Project Number: 4338 **Report Date:** 09/26/13

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 Batch: WG637705-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Antimony, Total	ND		mg/kg	2.0	0.32	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Arsenic, Total	ND		mg/kg	0.40	0.08	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.12	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Beryllium, Total	ND		mg/kg	0.20	0.04	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Cobalt, Total	ND		mg/kg	0.80	0.20	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Copper, Total	ND		mg/kg	0.40	0.08	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Iron, Total	ND		mg/kg	2.0	0.80	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.08	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Manganese, Total	ND		mg/kg	0.40	0.08	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Nickel, Total	ND		mg/kg	1.0	0.16	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Selenium, Total	ND		mg/kg	0.80	0.12	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Silver, Total	ND		mg/kg	0.40	0.08	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Thallium, Total	ND		mg/kg	0.80	0.16	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Vanadium, Total	ND		mg/kg	0.40	0.04	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG
Zinc, Total	ND		mg/kg	2.0	0.28	1	09/20/13 09:34	09/20/13 15:14	1,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG638234-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	09/24/13 09:13	09/24/13 13:28	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

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): 03 Batch: WG638236-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	09/24/13 09:13	09/24/13 14:26	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG637705-2 SRM Lot Number: 0518-10-02								
Aluminum, Total	85		-		29-171	-		
Antimony, Total	117		-		4-196	-		
Arsenic, Total	100		-		81-119	-		
Barium, Total	96		-		83-118	-		
Beryllium, Total	98		-		83-117	-		
Cadmium, Total	94		-		82-117	-		
Chromium, Total	97		-		80-119	-		
Cobalt, Total	96		-		83-117	-		
Copper, Total	101		-		83-117	-		
Iron, Total	86		-		51-150	-		
Lead, Total	94		-		80-120	-		
Manganese, Total	90		-		83-117	-		
Nickel, Total	94		-		82-117	-		
Selenium, Total	106		-		80-120	-		
Silver, Total	100		-		66-134	-		
Thallium, Total	101		-		79-120	-		
Vanadium, Total	98		-		79-121	-		
Zinc, Total	94		-		82-119	-		
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG638234-2 SRM Lot Number: 0518-10-02								
Mercury, Total	130		-		67-133	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03 Batch: WG638236-2 SRM Lot Number: 0518-10-02					
Mercury, Total	133	-	67-133	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

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 QC Batch ID: WG637705-4 QC Sample: L1318356-01 Client ID: SB-6(0-2')												
Aluminum, Total	8400	176	9200	**455**	Q	-	-		75-125	-		35
Antimony, Total	ND	44	41	93		-	-		75-125	-		35
Arsenic, Total	6.3	10.6	17	101		-	-		75-125	-		35
Barium, Total	83.	176	260	101		-	-		75-125	-		35
Beryllium, Total	0.48	4.4	4.6	94		-	-		75-125	-		35
Cadmium, Total	0.94	4.48	5.3	97		-	-		75-125	-		35
Chromium, Total	16.	17.6	33	97		-	-		75-125	-		35
Cobalt, Total	5.7	44	48	96		-	-		75-125	-		35
Copper, Total	38.	22	59	96		-	-		75-125	-		35
Iron, Total	11000	87.9	11000	**0**	Q	-	-		75-125	-		35
Lead, Total	360	44.8	590	**513**	Q	-	-		75-125	-		35
Manganese, Total	310	44	300	**0**	Q	-	-		75-125	-		35
Nickel, Total	12.	44	54	96		-	-		75-125	-		35
Selenium, Total	0.32J	10.6	11	104		-	-		75-125	-		35
Silver, Total	ND	26.4	26	98		-	-		75-125	-		35
Thallium, Total	ND	10.6	9.3	88		-	-		75-125	-		35
Vanadium, Total	20.	44	65	102		-	-		75-125	-		35
Zinc, Total	150	44	220	**159**	Q	-	-		75-125	-		35
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG638234-4 QC Sample: L1318349-04 Client ID: MS Sample												
Mercury, Total	ND	0.172	0.22	128		-	-		70-130	-		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

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): 03 QC Batch ID: WG638236-4 QC Sample: L1318356-03 Client ID: SB-7(0-2')										
Mercury, Total	ND	0.138	0.19	**137**	Q	-	-	70-130	-	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG637705-3 QC Sample: L1318356-01 Client ID: SB-6(0-2')						
Aluminum, Total	8400	8500	mg/kg	1		35
Antimony, Total	ND	ND	mg/kg	NC		35
Arsenic, Total	6.3	6.3	mg/kg	0		35
Barium, Total	83.	92	mg/kg	10		35
Beryllium, Total	0.48	0.42J	mg/kg	NC		35
Cadmium, Total	0.94	0.68J	mg/kg	NC		35
Chromium, Total	16.	16	mg/kg	0		35
Cobalt, Total	5.7	5.4	mg/kg	5		35
Copper, Total	38.	36	mg/kg	5		35
Iron, Total	11000	11000	mg/kg	0		35
Lead, Total	360	350	mg/kg	3		35
Manganese, Total	310	290	mg/kg	7		35
Nickel, Total	12.	11	mg/kg	9		35
Selenium, Total	0.32J	0.31J	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Thallium, Total	ND	ND	mg/kg	NC		35
Vanadium, Total	20.	22	mg/kg	10		35
Zinc, Total	150	130	mg/kg	14		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG638234-3 QC Sample: L1318349-04 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	35
Total Metals - Westborough Lab Associated sample(s): 03 QC Batch ID: WG638236-3 QC Sample: L1318356-03 Client ID: SB-7(0-2')					
Mercury, Total	ND	ND	mg/kg	NC	35

INORGANICS
&
MISCELLANEOUS

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-01
Client ID: SB-6(0-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 09/16/13 11:00
Date Received: 09/17/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	16		mg/kg	0.94	0.94	1	-	09/23/13 15:20	107,-	JO
Solids, Total	85.2		%	0.100	NA	1	-	09/19/13 23:42	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.2	0.27	1	09/18/13 12:55	09/18/13 16:17	1,9010C/9012A	JO
Chromium, Hexavalent	0.36	J	mg/kg	0.94	0.21	1	09/18/13 11:00	09/19/13 15:17	1,7196A	ST

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-02
Client ID: SB-6(3-5')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 09/16/13 11:00
Date Received: 09/17/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	16		mg/kg	0.87	0.87	1	-	09/23/13 15:20	107,-	JO
Solids, Total	91.5		%	0.100	NA	1	-	09/19/13 23:42	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.25	1	09/19/13 12:05	09/20/13 13:30	1,9010C/9012A	JO
Chromium, Hexavalent	ND		mg/kg	0.87	0.20	1	09/18/13 11:00	09/19/13 15:16	1,7196A	ST

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

SAMPLE RESULTS

Lab ID: L1318356-03
Client ID: SB-7(0-2')
Sample Location: 38-20 28TH STREET LIC, NY
Matrix: Soil
Date Collected: 09/16/13 12:00
Date Received: 09/17/13
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	24		mg/kg	0.84	0.84	1	-	09/23/13 15:20	107,-	JO
Solids, Total	95.7		%	0.100	NA	1	-	09/19/13 23:42	30,2540G	RT
Cyanide, Total	ND		mg/kg	0.99	0.23	1	09/19/13 12:05	09/20/13 13:43	1,9010C/9012A	JO
Chromium, Hexavalent	1.5		mg/kg	0.84	0.19	1	09/18/13 11:00	09/19/13 15:17	1,7196A	ST

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318356
Report Date: 09/26/13

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG637101-1										
Cyanide, Total	ND		mg/kg	0.97	0.23	1	09/18/13 12:55	09/18/13 16:01	1,9010C/9012A	JO
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG637176-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.18	1	09/18/13 11:00	09/19/13 14:51	1,7196A	ST
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG637392-1										
Cyanide, Total	ND		mg/kg	0.97	0.23	1	09/19/13 12:05	09/20/13 13:25	1,9010C/9012A	JO
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG637393-1										
Cyanide, Total	ND		mg/kg	0.97	0.23	1	09/19/13 12:05	09/20/13 13:26	1,9010C/9012A	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318356

Report Date: 09/26/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG637101-2 WG637101-3								
Cyanide, Total	103		102		80-120	1		35
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG637176-2								
Chromium, Hexavalent	92		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG637392-2 WG637392-3								
Cyanide, Total	101		101		80-120	0		35
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG637393-2 WG637393-3								
Cyanide, Total	100		99		80-120	1		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG637101-4 WG637101-5 QC Sample: L1318356-01 Client ID: SB-6(0-2')												
Cyanide, Total	ND	11	11	97		11	98		65-135	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG637176-4 QC Sample: L1318356-02 Client ID: SB-6(3-5')												
Chromium, Hexavalent	ND	1020	830	81		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG637392-4 WG637392-5 QC Sample: L1318445-06 Client ID: MS Sample												
Cyanide, Total	ND	11	11	100		11	100		65-135	0		35
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG637393-4 WG637393-5 QC Sample: L1318364-14 Client ID: MS Sample												
Cyanide, Total	ND	11	11	96		11	95		65-135	0		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG637176-5 QC Sample: L1318356-02 Client ID: SB-6(3-5')						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG637612-1 QC Sample: L1318356-01 Client ID: SB-6(0-2')						
Solids, Total	85.2	86.8	%	2		20

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1318356-01A	Amber 250ml unpreserved	A	N/A	5.4	Y	Absent	NYTCL-8260(14)
L1318356-01B	Amber 250ml unpreserved	A	N/A	5.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1318356-02A	Amber 250ml unpreserved	A	N/A	5.4	Y	Absent	NYTCL-8260(14)
L1318356-02B	Amber 250ml unpreserved	A	N/A	5.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1318356-03A	Amber 250ml unpreserved	A	N/A	5.4	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318356
Report Date: 09/26/13

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1318356-03B	Amber 250ml unpreserved	A	N/A	5.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1318356-03C	Amber 250ml unpreserved	A	N/A	5.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name:	38-20 28TH STREET	**Lab Number:**	L1318356
Project Number:	4338	**Report Date:**	09/26/13

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

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

Terms

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.

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

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

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

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

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

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

Report Format: DU Report with "J" Qualifiers

Project Name:	38-20 28TH STREET	**Lab Number:**	L1318356
Project Number:	4338	**Report Date:**	09/26/13

Data Qualifiers

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:	38-20 28TH STREET	**Lab Number:**	L1318356
Project Number:	4338	**Report Date:**	09/26/13

REFERENCES

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

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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

Certificate/Approval Program Summary

Last revised August 29, 2013 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

State of Illinois Certificate/Lab ID: 003155. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM2120B, 2320B, 2510B, 2540C, SM4500CN-CE, 4500F-C, 4500H-B, 4500NO3-F, 5310C, EPA 200.7, 200.8, 245.1, 300.0. Organic Parameters: EPA 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: SM2120B, 2310B, 2320B, 2340B, 2510B, 2540B, 2540C, 2540D, SM4500CL-E, 4500CN-E, 4500F-C, 4500H-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-E, 4500S-D, 4500SO3-B, 5210B, 5220D, 5310C, 5540C, EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1. Organic Parameters: EPA 608, 624, 625.)

Hazardous and Solid Waste (Inorganic Parameters: EPA 1010A, 1030, 1311, 1312, 6010C, 6020A, 7196A, 7470A, 7471B, 9012B, 9014, 9038, 9040C, 9045D, 9050A, 9065, 9251. Organic Parameters: 8011 (NPW only), 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8315A, 8330.)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2120B, 2130B, 2320B, 2510C, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, 5310C, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 8315A, 9010C, SM2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-C, 4500NH3-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500P-B, 4500P-E, 4500S2-D, 4500SO3-B, 5540C, 5210B, 5220D, 5310C, 9010B, 9030B, 9040C, 7470A, 7196A, 2340B, EPA 200.7, 6010C, 200.8, 6020A, 245.1, 1311, 1312, 3005A, Enterolert, 9223B, 9222D. Organic Parameters: 608, 624, 625, 8011, 8081B, 8082A, 8330, 8151A, 8260C, 8270D, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014, 9040B, 9045C, 6010C, 6020A, 7471B, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B, 9038, 9251. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260C, 8270D, 8330, 8151A, 8081B, 8082A, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7 for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: 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-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010C, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9010C, 9030, 9040B, 9040C, SM2120B, 2310B, 2320B, 2340B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 4500SO3-B, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082A, 8081B, 8015C, 8151A, 8330, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010C, 6020A, 7196A, 7471B, 1010, 1010A, 1030, 9010C, 9012B, 9014, 9030B, 9040C, 9045C, 9045D, 9050, 9065, 9251, 1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3620D, 3630C, 5030B, 5035, 8260C, 8270D, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082A, 8081B.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2064. ***NELAP Accredited.***
Drinking Water (Organic Parameters: **EPA 524.2:** Di-isopropyl ether (DIPE), Ethyl-t-butyl ether (ETBE), Tert-amyl methyl ether (TAME)).

Non-Potable Water (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene. **EPA 8015C(M):** TPH.)

Solid & Chemical Materials (Organic Parameters: **EPA 8260C:** 1,3,5-Trichlorobenzene.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, EPA 120.1, SM2510B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 9040C, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010C, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9030B, 1010, 1010A, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9010C, 9012B, 9014, 9038, 9040B, 9040C, 9045C, 9045D,

9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3620C, 3630C, 5030B, 5035L, 5035H, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.1, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2340B, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010C, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 7470A, SM2120B, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 8315A, 3005A, 3015, 9010C, 9030B. Organic Parameters: EPA 624, 8260C, 8270D, 8270D-SIM, 625, 608, 8081B, 8151A, 8330, 8082A, EPA 3510C, 5030B, 8015C, 8011.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, EPA 6010C, 6020A, 7196A, 7471B, 8315A, 9012B, 9014, 9065, 9050A, 9038, 9251, EPA 1311, 1312, 3005A, 3050B, 9010C, 9030B, 9040C, 9045D. Organic Parameters: EPA 8260C, 8270D, 8270D-SIM, 8015C, 8081B, 8151A, 8330, 8082A, 3540C, 3546, 3580A, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9012B, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7470A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 350.1, 350.2, 351.1, 353.2, 420.1, 6010C, 6020A, 7196A, 7470A, 9030B, 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C, 9010C, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, 8015C, NJ-EPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010C, 6020A, 7196A, 7471B, 9010C, 9012B, 9014, 9040B, 9045D, 9050A, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3620C, 3630C, 5035, 8015C, 8081B, 8082A, 8151A, 8260C, 8270D, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.1, 2320B, 4500F-C, 4500NO3-F, 4500H+B, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 200.8, 245.1, 300.0, 350.1, 351.1, 351.2, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 2340B, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500NH3-H, 4500NO2-B, 4500NO3-F, 4500 SO3-B, 4500H-B, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C, 9010Cm

9030B, 9040C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8011, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9010C, 9012B, 9030B, 9014, 9038, 9040C, 9045D, 9251, 9050A, 9065. Organic Parameters: EPA 5030B, 5035, 3540C, 3546, 3550B, 3580A, 3620C, 3630C, 6020A, 8260B, 8260C, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010C, 6020A, 245.1, 7470A, 9040B, 9010B, 180.1, 300.0, 332.0, 6860, 351.1, 353.2, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500Norg-C, 4500NO3-F, 5310C, 2130B, 2320B, 2340B, 2540C, 5540C, 3005A, 3015, 9056, 7196A, 3500-Cr-D. Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A, 8082A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010C, 6020A, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9040B, 9045C, 9010C, 9012B, 9251, SM3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8015C, 8151A, 8260C, 8270D, 8270D-SIM, 8330A/B-prep, 8082A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether. **EPA 8260B:** 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8260 Non-potable water matrix:** Iodomethane (methyl iodide), Methyl methacrylate. **EPA 8260 Soil matrix:** Tert-amyl methyl ether (TAME), Diisopropyl ether (DIPE), Azobenzene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine. **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

L1318356

CHAIN OF CUSTODY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716 Page 1 of 1
(Tel.) 631-269-8800 (Fax) 631-269-1599

LAB NAME: ALPHA

RECEIVED DATE: 9-17-13

Client Information

- **Company Name:** Impact Environmental
- **Address:** 170 Keyland Court
- **City:** Bohemia
- **Project Contact:** Waste Analyst AND B. HERNANDEZ
- **Phone #:** 631-269-8800 **Fax #:** 631-269-1599
- **E-mail:** ~~Analyst@impactenvironmental.com~~ AND BHERNANDEZ @impactenvironmental.com

Not092613154 Celia

Project Information

- **Project Name:** 38-20 28TH STREET
- **Street:** 38-20 28TH STREET
- **City:** LONG ISLAND CITY **State:** NY **Zip:** 11101
- **Project #:** 4338
- **Sampler's Name:** B. HERNANDEZ
- **Sampler's Signature:** Benjamin Mendez

Analytical Information

Impact Analytical Package A*; Impact Analytical Package B**; VOCs 8260 (List for NY Part 375 & NJ DCSRS); SPLP (Mark 'H' in box for 'Hold'); NYCDEP Sewer Discharge Parameters

Matrix Codes

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

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)		Sample ID	Matrix Code	Sample Type	Sample Time	Time	Total # of bottles	Number of Each Preserved Bottle: None	ICE	HCL	Methanol (EPA 5035)	Sodium Bisulfate (EPA 5035)	OTHER (List)	Impact A*	Impact B**	VOCs 8260	SPLP	NYCDEP Sewer Discharge Parameters	(LAB USE ONLY)
18356-01	1	SB-6 (0-2')	S	G	9/16/13	11AM	2		X					X		X			
-02	2	SB-6 (3-5')	S	G			2		X										
-03	3	SB-7 (0-2')	S	G		12PM	3		X										
	4																		
	5																		
	6																		
	7																		
	8																		
	9																		
	10																		

Turnaround Time (Business Days)

- [X] Standard
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

(LAB USE ONLY)
TAT Approved By / Date:

Data Deliverable Information

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

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

REFERENCES

*Package A (proprietary) - Priority Pollutants Metals, SVOCs, PCB/Pest and Herbicides - to match all NJ DCSRS & NYS Part 375 parameters and detection limits
**Package B (proprietary) - Same as Package A, plus TCLP Metals & TPH

NOTES & DIRECTIONS TO THE LAB:

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

	Relinquished by Sampler:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1	Benjamin Mendez	9/17/13 1530	1	2	9/17/13 1720	2
3		9/17/13 23:55	3	4		4
5			5			

COOLER INFORMATION

Cooler Temp: 5.4 pH: N/A [X] On Ice [ ] Sample Receipt Discrepancy(attach information)

Updated March 2011

ANALYTICAL REPORT

Lab Number:	L1318315
Client:	Impact Environmental 170 Keyland Ct Bohemia, NY 11716
ATTN:	Ben Hernandez-Salazar
Phone:	(631) 269-8800
Project Name:	38-20 28TH STREET
Project Number:	4338
Report Date:	09/24/13

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318315
Report Date: 09/24/13

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1318315-01	SV-4	LONG ISLAND CITY, NY	09/16/13 15:15
L1318315-02	SV-5	LONG ISLAND CITY, NY	09/16/13 15:25

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318315
Report Date: 09/24/13

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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 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.

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

Project Name: 38-20 28TH STREET **Lab Number:** L1318315
Project Number: 4338 **Report Date:** 09/24/13

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on September 13, 2013. The canister certification results are provided as an addendum.

Fixed Gas

Samples L1318315-01 and -02: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

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: 09/24/13

AIR

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318315
Report Date: 09/24/13

SAMPLE RESULTS

Lab ID: L1318315-01
Client ID: SV-4
Sample Location: LONG ISLAND CITY, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/19/13 21:01
Analyst: RY

Date Collected: 09/16/13 15:15
Date Received: 09/17/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Propylene	0.792	0.500	--	1.36	0.861	--		1
Dichlorodifluoromethane	0.333	0.200	--	1.65	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	20.2	2.50	--	38.1	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	35.4	1.00	--	84.1	2.38	--		1
Trichlorofluoromethane	0.725	0.200	--	4.07	1.12	--		1
Isopropanol	1.83	0.500	--	4.50	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.45	0.200	--	4.52	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	2.07	0.200	--	6.11	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318315
Report Date: 09/24/13

SAMPLE RESULTS

Lab ID: L1318315-01
Client ID: SV-4
Sample Location: LONG ISLAND CITY, NY
Date Collected: 09/16/13 15:15
Date Received: 09/17/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.14	0.200	--	5.57	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	0.541	0.200	--	2.95	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.236	0.200	--	0.967	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.05	0.200	--	3.96	0.754	--		1
2-Hexanone	0.249	0.200	--	1.02	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	42.2	0.200	--	286	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.363	0.200	--	1.58	0.869	--		1
p/m-Xylene	1.55	0.400	--	6.73	1.74	--		1
Bromoform	1.51	0.200	--	15.6	2.07	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318315
Report Date: 09/24/13

SAMPLE RESULTS

Lab ID: L1318315-01
Client ID: SV-4
Sample Location: LONG ISLAND CITY, NY
Date Collected: 09/16/13 15:15
Date Received: 09/17/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Styrene	0.233	0.200	--	0.992	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.573	0.200	--	2.49	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.219	0.200	--	1.08	0.983	--		1
1,2,4-Trimethylbenzene	0.821	0.200	--	4.04	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	83		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	82		60-140

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318315
Report Date: 09/24/13

SAMPLE RESULTS

Lab ID: L1318315-02
Client ID: SV-5
Sample Location: LONG ISLAND CITY, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/19/13 21:33
Analyst: RY

Date Collected: 09/16/13 15:25
Date Received: 09/17/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Propylene	2.15	0.500	--	3.70	0.861	--		1
Dichlorodifluoromethane	0.385	0.200	--	1.90	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.251	0.200	--	0.555	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	123	2.50	--	232	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	11.3	1.00	--	26.8	2.38	--		1
Trichlorofluoromethane	0.250	0.200	--	1.40	1.12	--		1
Isopropanol	0.831	0.500	--	2.04	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.568	0.200	--	1.77	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	0.773	0.200	--	2.28	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318315
Report Date: 09/24/13

SAMPLE RESULTS

Lab ID: L1318315-02
Client ID: SV-5
Sample Location: LONG ISLAND CITY, NY
Date Collected: 09/16/13 15:25
Date Received: 09/17/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.30	0.200	--	4.58	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.538	0.200	--	1.72	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	0.321	0.200	--	1.16	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.04	0.200	--	4.26	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.254	0.200	--	1.04	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.553	0.200	--	2.08	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	4.52	0.200	--	30.7	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.531	0.400	--	2.31	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318315
Report Date: 09/24/13

SAMPLE RESULTS

Lab ID: L1318315-02
Client ID: SV-5
Sample Location: LONG ISLAND CITY, NY
Date Collected: 09/16/13 15:25
Date Received: 09/17/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.275	0.200	--	1.19	0.869	--		1
4-Ethyltoluene	0.521	0.200	--	2.56	0.983	--		1
1,3,5-Trimethylbenzene	0.535	0.200	--	2.63	0.983	--		1
1,2,4-Trimethylbenzene	1.99	0.200	--	9.78	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	77		60-140
Bromochloromethane	82		60-140
chlorobenzene-d5	85		60-140

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318315
Report Date: 09/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/19/13 15:07

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG637542-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318315
Report Date: 09/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/19/13 15:07

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG637542-4								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 38-20 28TH STREET
Project Number: 4338
Lab Number: L1318315
Report Date: 09/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/19/13 15:07

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG637542-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318315

Report Date: 09/24/13

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: WG637542-3								
Propylene	92		-		70-130	-		
Dichlorodifluoromethane	87		-		70-130	-		
Chloromethane	96		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	91		-		70-130	-		
Vinyl chloride	103		-		70-130	-		
1,3-Butadiene	97		-		70-130	-		
Bromomethane	107		-		70-130	-		
Chloroethane	100		-		70-130	-		
Ethyl Alcohol	80		-		70-130	-		
Vinyl bromide	112		-		70-130	-		
Acetone	105		-		70-130	-		
Trichlorofluoromethane	110		-		70-130	-		
iso-Propyl Alcohol	93		-		70-130	-		
1,1-Dichloroethene	101		-		70-130	-		
Methylene chloride	97		-		70-130	-		
3-Chloropropene	95		-		70-130	-		
Carbon disulfide	99		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	113		-		70-130	-		
trans-1,2-Dichloroethene	94		-		70-130	-		
1,1-Dichloroethane	100		-		70-130	-		
Methyl tert butyl ether	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318315

Report Date: 09/24/13

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: WG637542-3								
Vinyl acetate	113		-		70-130	-		
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	110		-		70-130	-		
Ethyl Acetate	96		-		70-130	-		
Chloroform	108		-		70-130	-		
Tetrahydrofuran	82		-		70-130	-		
1,2-Dichloroethane	99		-		70-130	-		
n-Hexane	84		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
Benzene	90		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	83		-		70-130	-		
1,2-Dichloropropane	87		-		70-130	-		
Bromodichloromethane	91		-		70-130	-		
1,4-Dioxane	94		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	85		-		70-130	-		
Heptane	78		-		70-130	-		
cis-1,3-Dichloropropene	95		-		70-130	-		
4-Methyl-2-pentanone	80		-		70-130	-		
trans-1,3-Dichloropropene	81		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318315

Report Date: 09/24/13

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: WG637542-3								
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	107		-		70-130	-		
2-Hexanone	94		-		70-130	-		
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	116		-		70-130	-		
Tetrachloroethene	118		-		70-130	-		
Chlorobenzene	110		-		70-130	-		
Ethylbenzene	107		-		70-130	-		
p/m-Xylene	107		-		70-130	-		
Bromoform	104		-		70-130	-		
Styrene	110		-		70-130	-		
1,1,2,2-Tetrachloroethane	111		-		70-130	-		
o-Xylene	116		-		70-130	-		
4-Ethyltoluene	96		-		70-130	-		
1,3,5-Trimethylbenzene	110		-		70-130	-		
1,2,4-Trimethylbenzene	114		-		70-130	-		
Benzyl chloride	84		-		70-130	-		
1,3-Dichlorobenzene	120		-		70-130	-		
1,4-Dichlorobenzene	120		-		70-130	-		
1,2-Dichlorobenzene	121		-		70-130	-		
1,2,4-Trichlorobenzene	130		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318315

Report Date: 09/24/13

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: WG637542-3								
Hexachlorobutadiene	124		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318315
Report Date: 09/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG637542-5 QC Sample: L1318297-02 Client ID: DUP Sample						
Propylene	1.34	1.40	ppbV	4		25
Dichlorodifluoromethane	0.294	0.295	ppbV	0		25
Chloromethane	0.603	0.556	ppbV	8		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	0.211	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	14.8	15.1	ppbV	2		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	14.3	14.7	ppbV	3		25
Trichlorofluoromethane	0.368	0.368	ppbV	0		25
iso-Propyl Alcohol	2.25	2.42	ppbV	7		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	3.23	3.31	ppbV	2		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318315
Report Date: 09/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG637542-5 QC Sample: L1318297-02 Client ID: DUP Sample					
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	0.791	0.801	ppbV	1	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	0.466	0.494	ppbV	6	25
Benzene	0.687	0.686	ppbV	0	25
Cyclohexane	0.225	ND	ppbV	NC	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	0.459	0.465	ppbV	1	25
Heptane	0.314	0.321	ppbV	2	25
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	2.31	2.39	ppbV	3	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318315
Report Date: 09/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG637542-5 QC Sample: L1318297-02 Client ID: DUP Sample					
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.856	0.856	ppbV	0	25
p/m-Xylene	3.22	3.26	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	1.06	1.08	ppbV	2	25
4-Ethyltoluene	0.231	0.241	ppbV	4	25
1,3,5-Trimethylbenzene	0.409	0.425	ppbV	4	25
1,2,4-Trimethylbenzene	1.28	1.29	ppbV	1	25
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: 38-20 28TH STREET **Lab Number:** L1318315

Project Number: 4338 **Report Date:** 09/24/13

SAMPLE RESULTS

Lab ID:	L1318315-01 D	Date Collected:	09/16/13 15:15
Client ID:	SV-4	Date Received:	09/17/13
Sample Location:	LONG ISLAND CITY, NY	Field Prep:	Not Specified
Matrix:	Soil_Vapor	Extraction Method:	
Analytical Method:	51,3C		
Analytical Date:	09/21/13 15:34		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	0.289		%	0.019	--	1.942

Project Name: 38-20 28TH STREET **Lab Number:** L1318315

Project Number: 4338 **Report Date:** 09/24/13

SAMPLE RESULTS

Lab ID:	L1318315-02 D	Date Collected:	09/16/13 15:25
Client ID:	SV-5	Date Received:	09/17/13
Sample Location:	LONG ISLAND CITY, NY	Field Prep:	Not Specified
Matrix:	Soil_Vapor	Extraction Method:	
Analytical Method:	51,3C		
Analytical Date:	09/21/13 16:09		
Analyst:	RY		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Fixed Gases by GC - Mansfield Lab						
Helium	10.3		%	0.019	--	1.887

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318315
Report Date: 09/24/13

Method Blank Analysis
Batch Quality Control

Analytical Method: 51,3C
Analytical Date: 09/21/13 14:19
Analyst: RY

Parameter	Result	Qualifier	Units	RL	MDL
Fixed Gases by GC - Mansfield Lab for sample(s): 01-02 Batch: WG638030-2					
Helium	ND		%	0.010	--

Lab Control Sample Analysis

Batch Quality Control

Project Name: 38-20 28TH STREET

Project Number: 4338

Lab Number: L1318315

Report Date: 09/24/13

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 Batch: WG638030-1								
Helium	102		-		80-120	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318315
Report Date: 09/24/13

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG638030-3 QC Sample: L1318257-01 Client ID: DUP Sample						
Helium	ND	ND	%	NC		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG638030-4 QC Sample: L1318315-01 Client ID: SV-4						
Helium	0.289	0.285	%	1		5
Fixed Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG638030-5 QC Sample: L1318315-02 Client ID: SV-5						
Helium	10.3	10.3	%	0		5

Project Name: 38-20 28TH STREET

Lab Number: L1318315

Project Number: 4338

Report Date: 09/24/13

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1318315-01	SV-4	0044	#30 SV	09/13/13	93072		-	-	-	Pass	33	37	11
L1318315-01	SV-4	693	6.0L Can	09/13/13	93072	L1317243-04	Pass	-29.5	-7.4	-	-	-	-
L1318315-02	SV-5	0150	#30 SV	09/13/13	93072		-	-	-	Pass	36	38	5
L1318315-02	SV-5	1891	6.0L Can	09/13/13	93072	L1317243-04	Pass	-29.0	-6.6	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1317243
Report Date: 09/24/13

Air Canister Certification Results

Lab ID: L1317243-04
Client ID: CAN 1039 SHELF 45
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/05/13 18:05
Analyst: RY

Date Collected: 09/04/13 16:29
Date Received: 09/05/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.200	--	ND	0.434	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1317243
Report Date: 09/24/13

Air Canister Certification Results

Lab ID: L1317243-04
Client ID: CAN 1039 SHELF 45
Sample Location:
Date Collected: 09/04/13 16:29
Date Received: 09/05/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1317243
Report Date: 09/24/13

Air Canister Certification Results

Lab ID: L1317243-04
Client ID: CAN 1039 SHELF 45
Sample Location:
Date Collected: 09/04/13 16:29
Date Received: 09/05/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1317243
Report Date: 09/24/13

Air Canister Certification Results

Lab ID: L1317243-04
Client ID: CAN 1039 SHELF 45
Sample Location:
Date Collected: 09/04/13 16:29
Date Received: 09/05/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION
Lab Number: L1317243
Project Number: CANISTER QC BAT
Report Date: 09/24/13

Air Canister Certification Results

Lab ID: L1317243-04
Client ID: CAN 1039 SHELF 45
Sample Location:

Date Collected: 09/04/13 16:29
Date Received: 09/05/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1317243
Report Date: 09/24/13

Air Canister Certification Results

Lab ID: L1317243-04
Client ID: CAN 1039 SHELF 45
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/05/13 18:05
Analyst: RY

Date Collected: 09/04/13 16:29
Date Received: 09/05/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.020	--	ND	0.072	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1317243
Report Date: 09/24/13

Air Canister Certification Results

Lab ID: L1317243-04
Client ID: CAN 1039 SHELF 45
Sample Location:
Date Collected: 09/04/13 16:29
Date Received: 09/05/13
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1317243
Report Date: 09/24/13

Air Canister Certification Results

Lab ID: L1317243-04
Client ID: CAN 1039 SHELF 45
Sample Location:
Date Collected: 09/04/13 16:29
Date Received: 09/05/13
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	88		60-140

Project Name: 38-20 28TH STREET
Project Number: 4338

Lab Number: L1318315
Report Date: 09/24/13

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(*)
L1318315-01A	Canister - 6 Liter	N/A	N/A		Y	Present/Intact	FIXGAS(30),TO15-LL(30)
L1318315-02A	Canister - 6 Liter	N/A	N/A		Y	Present/Intact	FIXGAS(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	38-20 28TH STREET	**Lab Number:**	L1318315
Project Number:	4338	**Report Date:**	09/24/13

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

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

Terms

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.

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

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

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

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

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

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

Report Format: Data Usability Report

Project Name:	38-20 28TH STREET	**Lab Number:**	L1318315
Project Number:	4338	**Report Date:**	09/24/13

Data Qualifiers

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	38-20 28TH STREET	**Lab Number:**	L1318315
Project Number:	4338	**Report Date:**	09/24/13

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

51 Determination of Carbon Dioxide, Methane, Nitrogen and Oxygen from Stationary Sources. Method 3C. Appendix A, Part 60, 40 CFR (Code of Federal Regulations). June 20, 1996.

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.

Certificate/Approval Program Summary

Last revised August 3, 2012 – Mansfield Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0141.

Wastewater/Non-Potable Water (Inorganic Parameters: pH, Turbidity, Conductivity, Alkalinity, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Suspended Solids (non-filterable). Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables, Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, PAHs, Haloethers, Chlorinated Hydrocarbons, Volatile Organics.)

Solid Waste/Soil (Inorganic Parameters: pH, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Titanium, Vanadium, Zinc, Total Organic Carbon, Corrosivity, TCLP 1311, SPLP 1312. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Volatile Organics, Acid Extractables, Benzidines, Phthalates, Nitrosamines, Nitroaromatics & Cyclic Ketones, PAHs, Haloethers, Chlorinated Hydrocarbons.)

Florida Department of Health Certificate/Lab ID: E87814. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, SM2540D, SM2540G.)

Solid & Chemical Materials (Inorganic Parameters: 6020, 7470, 7471, 9045. Organic Parameters: EPA 8260, 8270, 8082, 8081.)

Air & Emissions (EPA TO-15.)

Louisiana Department of Environmental Quality Certificate/Lab ID: 03090. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 180.1, 245.7, 1631E, 3020A, 6020A, 7470A, 9040, 9050A, SM2320B, 2540D, 2540G, 4500H-B, Organic Parameters: EPA 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 5030B, 8015D, 3570, 8081B, 8082A, 8260B, 8270C, 8270D.)

Solid & Chemical Materials (Inorganic Parameters: EPA 1311, 3050B, 3051A, 3060A, 6020A, 7196A, 7470A, 7471B, 7474, 9040B, 9045C, 9060. Organic Parameters: EPA 3540C, 3570, 3580A, 3630C, 3640A, 3660, 3665A, 5035, 8015D, 8081B, 8082A, 8260B, 8270C, 8270D.)

Biological Tissue (Inorganic Parameters: EPA 6020A. Organic Parameters: EPA 3570, 3510C, 3610B, 3630C, 3640A, 8270C, 8270D.)

Air & Emissions (EPA TO-15.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 2206. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: EPA 180.1, 1631E, 6020A, 7470A, 9040B, 9050A, SM2540D, 2540G, 4500H+B, 2320B, 3020A, . Organic Parameters: EPA 3510C, 3630C, 3640A, 3660B, 8081B, 8082A, 8270C, 8270D, 8015D.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 1311, 3050B, 3051A, 6020A, 7471B, 9040B, 9045C. Organic Parameters: SW-846 3540C, 3580A, 3630C, 3640A, 3660B, 3665A, 8270C, 8015D, 8082A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA015. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SW-846 1312, 3020A, SM2320B, SM2540D, 2540G, 4500H-B, EPA 180.1, 1631E, SW-846 7470A, 9040C, 6020A, 9050A. Organic Parameters: SW-846 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 8015D, 8081B, 8082A, 8270C, 8270D)

Solid & Chemical Materials (Inorganic Parameters: SW-846 1311, 1312, 3050B, 3051A, 6020A, 7471B, 7474, 9040B, 9040C, 9045C, 9045D, 9060. Organic Parameters: SW-846 3540C, 3570, 3580A, 3630C, 3640A, 3660B, 3665A, 8081B, 8082A, 8270C, 8270D, 8015D.)

Atmospheric Organic Parameters (EPA 3C, TO-15, TO-10A, TO-13A-SIM.)

Biological Tissue (Inorganic Parameters: SW-846 6020A. Organic Parameters: SW-846 8270C, 8270D, 3510C, 3570, 3610C, 3630C, 3640A)

New York Department of Health Certificate/Lab ID: 11627. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters: SM2320B, SM2540D, 6020A, 1631E, 7470A, 9050A, EPA 180.1, 3020A. Organic Parameters: EPA 8270C, 8270D, 8081B, 8082A, 3510C.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 6020A, 7471B, 7474, 9040C, 9045D. Organic Parameters: EPA 8270C, 8270D, 8081B, 8082A, 1311, 3050B, 3580A, 3570, 3051A.)

Air & Emissions (EPA TO-15, TO-10A.)

Pennsylvania Certificate/Lab ID: 68-02089 ***NELAP Accredited***

Non-Potable Water (Inorganic Parameters: 1312, 1631E, 180.1, 3020A, 6020A, 7470A, 9040B, 9050A, 2320B, 2540D, 2540G, SM4500H+-B. Organic Parameters: 3510C, 3580A, 3630C, 3640A, 3660B, 3665A, 8015D, 8081B, 8082A, 8270C, 8270D .)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 3051A, 6020A, 7471B, 7474 9040B, 9045C, 9060. Organic Parameters: EPA3050B, 3540C, 3570, 3580A, 3630C, 3640A, 3660B, 3665A, 8270C, 8270D, 8081B, 8015D, 8082A.)

Rhode Island Department of Health Certificate/Lab ID: LAO00299. ***NELAP Accredited via NJ-DEP.***

Refer to NJ-DEP Certificate for Non-Potable Water.

Texas Commission of Environmental Quality Certificate/Lab ID: T104704419-08-TX. ***NELAP Accredited.***

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 1311, 9040, 9045, 9060. Organic Parameters: EPA 8015, 8270, 8081, 8082.)

Air (Organic Parameters: EPA TO-15)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID:460194. ***NELAP Accredited.***

Non-Potable Water (Inorganic Parameters:EPA 3020A, 6020A, 245.7, 9040B. Organic Parameters: EPA 3510C, 3640A, 3660B, 3665A, 8270C, 8270D, 8082A, 8081B, 8015D.)

Solid & Chemical Materials (Inorganic Parameters: EPA 6020A,7470A,7471B,9040B,9045C,3050B,3051, 9060. Organic Parameters: EPA 3540C, 3580A, 3630C, 3640A, 3660B, 3665A, 3570, 8270C, 8270D, 8081B, 8082A, 8015D.)

Washington State Department of Ecology Certificate/Lab ID: C954. *Non-Potable Water* (Inorganic Parameters: SM2540D, 180.1, 1631E.)

Solid & Chemical Materials (Inorganic Parameters: EPA 6020, 7470, 7471, 7474, 9045C, 9050A, 9060. Organic Parameters: EPA 8081, 8082, 8015, 8270.)

U.S. Army Corps of Engineers

Department of Defense, L-A-B Certificate/Lab ID: L2217.01.

Non-Potable Water (Inorganic Parameters: EPA 6020A, SM4500H-B. Organic Parameters: 3020A, 3510C, 8270C, 8270D, 8270C-ALK-PAH, 8270D-ALK-PAH, 8082A, 8081B, 8015D-SHC, 8015D.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 3050B, 6020A, 7471A, 9045C, 9060, SM 2540G, ASTM D422-63. Organic Parameters: EPA 3580A, 3570, 3540C, 8270C, 8270D, 8270C-ALK-PAH, 8270D-ALK-PAH 8082A, 8081B, 8015D-SHC, 8015D.

Air & Emissions (EPA TO-15.)

Analytes Not Accredited by NELAP

Certification is not available by NELAP for the following analytes: **8270C:** Biphenyl. **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, 2-Methylnaphthalene, 1-Methylnaphthalene.

Serial_No:09241314:47

L1318315

Alpha Analytical

320 Forbes Blvd
Mansfield, MA 02048-1806
Tel: 508-822-9300
Fax: 508-822-3288

AIR Chain-of-Custody - NJ

Date Rec'd in Lab	ALPHA Job#

Client Contact Information

Company: IMPACT ENV.
Address: 170 KEYLAND CT
City/State/Zip BOHEMIA NY 11716
Phone: 631-269-8900
FAX:
Email: BHERNANDEZ@IMPACTENVIRONMENTAL.COM
Site Contact: B. HERNANDEZ
Site Contact Phone: 631-334-2354

Project Information

Project Name: 38-20 28TH STREET
Project No: 4338
Site/Location: LONG ISLAND CITY, NY
Project Manager: B. HERNANDEZ

Analysis Turn-Around Time

Standard (Specify) X
Rush (Specify)

NJ DEP Information

Bureau: Division: Contract No:

Report Information - Data Deliverables:

☐ FAX:
☒ ADEx ☐ Criteria Checker: _____
☒ EMail (standard pdf report)

Billing Information

☐ Same as Client Info PO #:

1 of 1 COCs

ALPHA LAB ID (Lab Use Only)	Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field (Hg) (Start)	Canister Pressure in Field (Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Outgoing Canister Pressure (Hg) (Note1)	Incoming Canister Pressure (Hg) (Note 2)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min) (Note1)	Batch Cert ID (Note 1)	Analysis: TO-15 w/ Helium Detection	Analysis: EPA 3C	Matrix: Indoor/Ambient Air	Matrix: Soil Gas
L1318315-1	SV-4	9/14/13	1305	1515	-30.29	-7.65	72	73	-29.5		0044	693	6	33	13172 43-04	X			X
-2	SV-5	9/14/13	1320	1525	-30.54	-6.90	72	73	-29.0		0150	1891	6	36	↓	X			X

Custody Seals:
Outgoing Seal No: 2062 (refer to crate seal)
Incoming Seal No: 2063 (if applicable)

Temperature (Fahrenheit)

	Ambient	Maximum	Minimum
Start	72	73	57
Stop	73	73	57

Pressure (inches of Hg)

	Ambient	Maximum	Minimum
Start	30.11	30.25	30.04
Stop	30.11	30.25	30.04

Individual Preparing Canister/Containers and Laboratory Canister Certification
Name: Lisa Barrett
Signature:

Footnotes:
(1) Refer to equipment tags for these readings.
(2) Readings provided in data deliverable package.

Special Instructions/QC Requirements & Comments:
TO-15 w/ Helium Detection (NY)

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:
Samples Relinquished by:	Date/Time: 9/16/13 1930	Received by:	Date/Time: 9/17/13 1530
Relinquished by:	Date/Time: 9/17/13 1720	Received by:	Date/Time: 9/17/13 1720

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until all ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms. See reverse side.

John Toner 9/17/13 2355 — William Meller 9/17/13 2355

Rec'd Cust Cleaning 9/18/13 730 — Rec'd Cust Cleaning 9/18/13 905

Del: William Meller

Note: Combined External Chain of Custody and NJDEP Field Test Data Sheet