REMEDIAL ACTION WORK PLAN

for

FORMER ROCKET JEWELRY BOX SITE
414 Gerard Avenue
Bronx, New York
Block 2350, Lot 1
NYSDEC BCP Site No. C203106

Prepared For:

125 East 144 Street Holdings LLC
c/o Treetop Development
The Glenpointe Centre West
500 Frank W Burr Boulevard #47
Teaneck, New Jersey

Prepared By:

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May 2018
Langan Project No. 170488401
CERTIFICATION

I, Jason Hayes, PE, certify that I am currently a NYS registered professional engineer and that this Remedial Action Work Plan was prepared in accordance with applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law.

Jason Hayes
NYS Professional Engineer #089491 Date Signature

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.
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<td>L/min</td>
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<td>Ppm</td>
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<td>UU</td>
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<td>VOC</td>
<td>Volatile Organic Compound</td>
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EXECUTIVE SUMMARY

This Remedial Action Work Plan (RAWP) was prepared on behalf of 125 East 144 Street Holdings LLC (the Volunteer) for the Former Rocket Jewelry Box Site at 414 Gerard Avenue in the Bronx, New York (the site). The Volunteer entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on March 26, 2018 and Brownfield Cleanup Program (BCP) Site No. C203106 was assigned to the Site by NYSDEC. The Volunteer proposes to remediate the site for a residential and commercial use.

This RAWP summarizes the nature and extent of contamination as determined from data gathered during the Remedial Investigation (RI), performed between August and September 2017. It provides an evaluation of a Track 1 cleanup and other applicable Remedial Action alternatives, their associated costs, and the recommended and preferred remedy. The remedy described in this document is consistent with the procedures defined in NYSDEC Division of Environmental Remediation (DER) Program Policy: Technical Guidance for Site Investigation and Remediation (DER-10) and complies with applicable federal, state, and local laws, regulations, and requirements. The RI Report (RIR) was approved by NYSDEC on June 4, 2018. The NYSDEC and New York State Department of Health (NYSDOH) have determined that the site does not pose a significant threat to human health and the environment. The RI did not identify fish and wildlife resources.

SITE DESCRIPTION/PHYSICAL SETTING/SITE HISTORY

The site is located at 414 Gerard Avenue in the Mott Haven neighborhood of the Bronx, New York, and is identified on the Bronx Borough Tax Map as Block 2350, Lot 1. The about 12,900-square-foot lot (0.29 acres) is developed with a vacant, one-story former manufacturing building with a partial cellar. The site is situated on the southwestern corner of the block bound by East 146th Street to the north, Walton Avenue to the east, East 144th Street to the south, and Gerard Avenue to the west.

Historical Sanborn Fire Insurance Maps indicate that the site was an undeveloped vacant lot until at least 1928. A diner was located in the southern part from 1935 to 1944; however, the site again appears vacant from 1946 to 1951. The existing on-site building was constructed in the early 1950s, and the site historically operated as a jewelry box manufacturer (Rocket Jewelry) from at least 1954 to 2016. A 3,000-gallon, No. 2 fuel oil aboveground storage tank (AST) was installed in the partial cellar in 1953 (NYSDEC Petroleum Bulk Storage [PBS] Site No. 2-207209).
As part of the June 2009 Lower Concourse Rezoning (City Environmental Quality Review [CEQR] No. 08DCP071X), the site was E-Designated for hazardous materials and noise (E-227). The site is also present in an Environmental Zone. The New York City (NYC) Mayor’s Office of Environmental Remediation (OER) is aware of the Volunteer’s plans to redevelop the site under the BCP.

SUMMARY OF THE REMEDIAL INVESTIGATION FINDINGS

The RI findings summarized herein are based on qualitative data (field observations and instrumental readings) and laboratory analytical soil, groundwater, and soil vapor sample results.

1. **Stratigraphy**: Historic fill predominantly consisting of brown, fine- to coarse-grained sand with varying amounts of silt, gravel, concrete, brick, glass, ash, coal, and slag was encountered across the site from beneath the surface cover to elevations¹ (el) ranging from about el 22.5 to -3.5 (9 to 27 feet below grade surface [bgs]). Native soil encountered below historic fill predominantly consisted of fine- to coarse-grained sand with varying amounts of gravel and silt. Bedrock was not encountered during the RI; however, competent bedrock was encountered at elevations ranging from about el 5 in the eastern part of the site to about el -35 in the western-adjoining sidewalk during Langan’s September 2017 geotechnical investigation. Depth-to-bedrock increased from east to west across the site footprint.

2. **Hydrogeology**: Synoptic groundwater measurements were collected on October 4, 2017 and April 24, 2018 from three overburden groundwater monitoring wells (MW01, MW05, and OW7), and one bedrock observation well (OW1). Based on groundwater measurements and observations, two aquifers exist beneath the site; an overburden aquifer and a bedrock aquifer. Based on the synoptic gauging event on April 24, 2018, groundwater elevation in the bedrock observation well is el 9.17 (about 22.28 feet bgs) and elevation in the overburden wells ranges from el 1.90 to 1.96 (about 19.17 to 20.35 feet bgs). Overburden groundwater is inferred from topography to flow west toward the Harlem River. Shallow bedrock on the eastern part of the site slopes down to the west suggesting groundwater flow following bedrock topography also flows west toward the Harlem River, possibly discharging directly into the overburden aquifer. Underground utilities and other subsurface structures may locally influence the direction of groundwater flow.

¹ Elevations are referenced to the North American Vertical Datum of 1988 (NAVD88) unless otherwise noted.
3. **Historic Fill**: Laboratory analytical results indicated that the historic fill contains semi-volatile organic compounds (SVOCs), metals, pesticides, and polychlorinated biphenyls (PCBs) at concentrations above the Title 6 of the New York Codes, Rules and Regulations (6 NYCRR) Part 375 Unrestricted Use (UU) and/or Restricted Use Restricted-Residential (RRU) Soil Cleanup Objectives (SCOs). The deepest sample exceeding the SCOs was collected from the 25- to 27-foot depth interval (i.e., el 1.5 to -0.5) in the southern-central part of the site.

4. **Native Soil**: Metals (copper, lead, mercury, nickel, trivalent chromium, and zinc) were detected at concentrations above the Part 375 UU and/or RRU SCOs in four samples of native soil. Volatile organic compound (VOC), SVOC, pesticide, herbicide, and PCB concentrations did not exceed the Part 375 UU SCOs in native soil samples.

5. **Groundwater**: Two SVOCs (benzo[a]anthracene and benzo[b]fluoranthene) and one chlorinated VOC (CVOC) (chloroform) were detected at concentrations above the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA groundwater in the groundwater sample collected from bedrock observation well OW1 in the southeastern corner of the site. The SVOC concentrations, which are attributed to entrained sediments, are likely related to the on-site historic fill, and the chloroform concentration may be related to historical site use or historical use of the eastern-adjoining property. Total and dissolved metals concentrations detected above the SGVs in groundwater samples are attributable to regional groundwater conditions and are not considered indicative of a release.

6. **Soil Vapor**: Petroleum-related VOCs and CVOCs were detected in soil vapor samples at concentrations of up to two orders of magnitude above the ambient air sample.

7. **Petroleum Impacts**: One 3,000-gallon AST, and one unlabeled, 55-gallon drum containing an oily liquid were observed on-site. Photoionization detector (PID) readings up to 23 parts per million (ppm) were observed in the 14- to 16-foot depth interval in boring SB06, advanced in the southern-central part of the site near the 3,000-gallon AST. PID readings up to 289 ppm and petroleum-like odors were observed in the 16- to 18-foot depth interval (i.e., directly above bedrock) in SB08, advanced in the southeastern corner and may be related to historical use of the eastern-adjoining property and associated 3,000-gallon AST. A PID headspace reading of 44 ppm was recorded beneath the cap of nearby bedrock observation well OW1. Petroleum-related VOCs were detected in soil but at concentrations below the UU SCOs. SVOCs were detected in soil samples collected from SB06 and SB07 (near the 3,000-gallon AST) at concentrations above the RRU SCOs. Methyl tertiary butyl ether (MTBE) was detected.
in the groundwater sample collected from bedrock observation well OW1 but at a concentration below the SGV. Soil vapor samples contained concentrations of petroleum-related VOCs of up to two orders of magnitude greater than the ambient air. Following the observations in boring SB08, the NYSDEC was contacted and Spill No. 1705442 was assigned to the site.

8. Sufficient analytical data were gathered during the RI to establish site-specific soil cleanup levels and to develop a remedy for the site. The remedy, which is described in this RAWP, addresses impacts to soil, groundwater, and soil vapor described in the Remedial Investigation Report (RIR).

QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

Based on the conceptual site model and review of environmental data, complete on-site exposure pathways appear to be present in current, construction-phase, and future conditions. The complete exposure pathways indicate there is a risk of exposure to humans from site contaminants via exposure to soil, groundwater, and soil vapor if appropriate measures, including institutional and engineering controls as necessary, are not implemented. A qualitative human health exposure assessment was performed to evaluate the exposure pathways, and the following conclusions were developed:

1. Human exposure to contaminants is limited under current conditions due to the surface cover, and access is limited to investigation workers and authorized guests. The primary exposure pathways are dermal absorption, ingestion, and inhalation of soil, groundwater, or soil vapor by site investigation workers and, to a lesser extent, the nearby public. The exposure risks can be avoided or minimized by implementing a Health and Safety Plan (HASP) and vapor and dust suppression measures, as necessary.

2. In the absence of a HASP and Community Air Monitoring Plan (CAMP), there is a moderate risk of exposure during the construction-phase activities. The primary exposure pathways are:

   a. Dermal absorption, ingestion, and inhalation of contaminated soil, groundwater, or soil vapor by construction and remediation workers.

   b. Dermal absorption, ingestion, and inhalation of soil (dust) and inhalation of soil vapor by the community in the vicinity of the site.

These can be avoided or minimized by performing community air monitoring and by following the appropriate health and safety, vapor and dust suppression, and site security measures.
3. The existence of a complete exposure pathway for site contaminants to human receptors during proposed future conditions is unlikely, as all (proposed Track 1 cleanup) or the majority of contaminated soil will be excavated and transported to an off-site disposal facility and residual soil will be capped, if required, with an impermeable asphalt or concrete cover or 2 feet of clean soil. Regional groundwater is not used as a potable water source in New York City. The potential pathway for soil vapor intrusion into the building would be addressed by implementation of the Track 1 remedy. As part of construction, a waterproofing membrane/vapor barrier is being installed for subsurface components of the proposed building.

4. It is possible that a complete exposure pathway exists for the migration of site contaminants to off-site human receptors during current, construction-phase, and future conditions. Monitoring and control measures and implementation of the CAMP have been and will continue to be used during investigation and construction to prevent completion of this pathway. Under future conditions, the site will be remediated and engineering and institutional controls will be implemented, if necessary, to prevent completion of this pathway.

**SUMMARY OF THE REMEDY**

The selected Track 1 remedy will include the following:

- Abatement of hazardous materials (including asbestos-containing materials [ACM] identified in pipes, doors, and tiles, lead based paint [LBP] identified on stairs, polychlorinated biphenyls [PCBs] identified in caulking material, and other universal waste and miscellaneous hazardous waste articles) and demolition of existing warehouse in order to prepare the site for remediation
- Construction of the support of excavation (SOE) system to facilitate the Track 1 remediation
- Excavation, stockpiling, off-site transport, and disposal of about 12,000 cubic yards of historic fill and native soil that exceeds UU SCOs. The maximum elevation at which soil exceeding the UU SCOs is present is about el -4.5 (about 26 feet below cellar grade in the southwestern part of the site). Material that exceeds UU SCOs will be excavated.
- Decommissioning and removal of one registered 3,000-gallon AST and any additional USTs identified during earthwork
- Collection and analysis of confirmation soil samples to confirm UU SCOs are achieved.
- Dewatering, as necessary, to accommodate the removal of material that exceeds UU SCOs and to facilitate SOE installation and foundation construction
- Backfilling of remediated areas to development sub-grade with certified-clean material (i.e., material meeting UU SCOs), virgin stone, or recycled concrete aggregate (RCA)
- Reuse of site soil meeting UU SCOs
- Development and execution of plans for the protection of on-site workers, the community, and the environment during the remediation phase of development

Remedial activities will be performed in accordance with this RAWP and the Department-issued Decision Document. Deviations from the RAWP and/or Decision Document will be promptly reported to the NYSDEC for approval and fully explained in the Final Engineering Report (FER).
1.0 INTRODUCTION

This Remedial Action Work Plan (RAWP) was prepared on behalf of 125 East 144 Street Holdings LLC (the Volunteer) for the Former Rocket Jewelry Box Site at 414 Gerard Avenue in the Bronx, New York (the site). The Volunteer entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on March 26, 2018 and Brownfield Cleanup Program (BCP) Site No. C203106 was assigned to the Site by NYSDEC. The Volunteer proposes to remediate the site for residential and commercial use in conjunction with redevelopment.

This RAWP summarizes the nature and extent of contamination as determined from data gathered during the Remedial Investigation (RI), performed between August and September 2017. It provides an evaluation of a Track 1 cleanup and other applicable Remedial Action alternatives, their associated costs, and the recommended and preferred remedy. The remedy described in this document is consistent with the procedures defined in NYSDEC Division of Environmental Remediation (DER) Program Policy: Technical Guidance for Site Investigation and Remediation (DER-10) and complies with applicable federal, state, and local laws, regulations, and requirements. The RI Report (RIR) was approved by NYSDEC and New York State Department of Health (NYSDOH) on June 4, 2018. The NYSDEC and NYSDOH have determined that the site does not pose a significant threat to human health and the environment. The RI did not identify fish and wildlife resources.

1.1 Site Location and Description

The site is located at 414 Gerard Avenue in the Mott Haven neighborhood of the Bronx, New York, and is identified on the Bronx Borough Tax Map as Block 2350, Lot 1. The about 12,900-square-foot lot (0.29 acres) is developed with a vacant, one-story former manufacturing building with a partial cellar. A jewelry box manufacturer most recently occupied the building. The site is situated on the southwestern corner of the block bound by East 146th Street to the north, Walton Avenue to the east, East 144th Street to the south, and Gerard Avenue to the west. One hundred percent of the site is located in a designated Environmental Zone (En-Zone) established by the New York State (NYS) Department of Labor pursuant to Tax Law Section 21(b)(6).

A Site Location Map, which includes a United States Geological Survey (USGS) topographical quadrangle map, is included as Figure 1. The metes and bounds of the site are detailed on the Boundary Survey included in Appendix A.
As part of the June 2009 Lower Concourse Rezoning (City Environmental Quality Review [CEQR] No. 08DCP071X), the site was E-Designated for hazardous materials and noise (E-227). The New York City (NYC) Mayor’s Office of Environmental Remediation (OER) is aware of the Volunteer’s plans to redevelop the site under the BCP.

1.2 Redevelopment Plan

The remedy proposed in this RAWP is intended to make the site protective of human health and the environment consistent with the contemplated unrestricted residential end use. The proposed redevelopment plan and end use are described here to provide the basis for this assessment; however, the remedial action contemplated under this RAWP may be implemented independent of the proposed redevelopment plan.

Current redevelopment plans call for the development to include abatement and demolition of the existing warehouse and construction of a mixed-use residential and commercial building with two full cellar levels. The sub-cellar will be used for parking. The cellar will include parking, and mechanical and amenity space. The first floor will include a residential lobby, parking access, and retail and residential amenity space. Floors 2 through 11 will include residential apartments, 20% of which will be affordable housing.

Excavation across the site footprint to elevation\(^1\) (el) 1.5 (depths ranging from about 20 to 30 feet below grade) will be required to accomplish the Track 1 unrestricted remediation and to accommodate construction of the cellar levels and foundation components. Support of excavation (SOE) construction and dewatering will be implemented to facilitate excavation, as required.

1.3 Description of Surrounding Property

The site is located in an urban setting characterized by commercial and industrial buildings. The following is a summary of surrounding property usage:

<table>
<thead>
<tr>
<th>Direction</th>
<th>Block</th>
<th>Lot</th>
<th>Adjoining Properties</th>
<th>Surrounding Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>2350</td>
<td>5</td>
<td>One-story warehouse and asphalt-paved lot (444 Gerard Avenue)</td>
<td>East 146th Street followed by multi-story institutional and</td>
</tr>
</tbody>
</table>

\(^1\) Elevations are referenced to the North American Vertical Datum of 1988 (NAVD88) unless otherwise noted.
Land use within a half mile of the site is primarily commercial and industrial, but also includes residential buildings, public parks, day care centers, and schools. The New York City Transit Authority (NYCTA) “2” and “3” subway line is located about 340 feet to the east beneath Grand Concourse. The Harlem River is located about 670 feet west of the site. Sensitive receptors, as defined in NYSDEC DER-10, located within a half mile of the site and east of the Harlem River are listed in the following table.

<table>
<thead>
<tr>
<th>Number</th>
<th>Name (approximate distance from site)</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Garrison Playground (220 feet northeast)</td>
<td>East 146th Street &amp; Walton Avenue Bronx, New York 10451</td>
</tr>
<tr>
<td>2</td>
<td>Community School for Social Justice (380 feet south)</td>
<td>350 Gerard Avenue Bronx, New York 10451</td>
</tr>
<tr>
<td>3</td>
<td>Health Opportunities High School (540 feet south)</td>
<td>350 Gerard Avenue Bronx, New York 10451</td>
</tr>
<tr>
<td>4</td>
<td>Lincoln Medical Center (980 feet east)</td>
<td>234 East 149th Street Bronx, New York 10451</td>
</tr>
<tr>
<td>5</td>
<td>Success Academy Bronx 1 Middle School / Middle School 203 / Intermediate School 224 / Primary School 168 (1,400 feet southeast)</td>
<td>339 Morris Avenue Bronx, New York 10451</td>
</tr>
<tr>
<td>6</td>
<td>Sunshine Learning Center (1,450 feet southeast)</td>
<td>253 East 142nd Street Bronx, New York 10451</td>
</tr>
<tr>
<td>7</td>
<td>Cardinal Hayes High School (1,550 feet northeast)</td>
<td>650 Grand Concourse Bronx, New York 10451</td>
</tr>
<tr>
<td>8</td>
<td>New York City Housing Authority Daycare Center (1,700 feet east)</td>
<td>414 Morris Avenue Bronx, New York 10451</td>
</tr>
<tr>
<td>Number</td>
<td>Name</td>
<td>Address</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>9</td>
<td>PS 18 John Peter Zenger (1,700 feet east)</td>
<td>502 Morris Avenue Bronx, New York 10451</td>
</tr>
<tr>
<td>10</td>
<td>Franz Sigel Park (1,700 feet north)</td>
<td>Walton Avenue and Grand Concourse Bronx, New York 10451</td>
</tr>
<tr>
<td>11</td>
<td>Patterson Playground (2,000 feet east)</td>
<td>448 College Avenue Bronx, New York 10451</td>
</tr>
<tr>
<td>12</td>
<td>Bronx Leadership Academy II (2,150 feet northeast)</td>
<td>730A Concourse Village West Bronx, New York 10451</td>
</tr>
<tr>
<td>13</td>
<td>Clark Playground (2,400 feet southeast)</td>
<td>342 East 144th Street Bronx, New York 10454</td>
</tr>
<tr>
<td>14</td>
<td>Village Child Development Center (2,400 feet east)</td>
<td>350 East 146th Street Bronx, New York 10451</td>
</tr>
<tr>
<td>15</td>
<td>Alfred E. Smith High School / Bronx Haven High School / Governor Smith Playground (2,480 feet northeast)</td>
<td>333 East 151st Street Bronx, New York 10451</td>
</tr>
<tr>
<td>16</td>
<td>Community School District 7 (2,530 feet east)</td>
<td>501 Courtlandt Avenue Bronx, New York 10451</td>
</tr>
<tr>
<td>17</td>
<td>Brightside Academy (2,550 feet northeast)</td>
<td>331 East 150th Street Bronx, New York 10451</td>
</tr>
<tr>
<td>18</td>
<td>South Bronx Preparatory 07X221 / The Laboratory School of Finance and Technology (2,600 feet southeast)</td>
<td>360 East 145th Street Bronx, New York 10454</td>
</tr>
</tbody>
</table>
2.0 DESCRIPTION OF REMEDIAL INVESTIGATION FINDINGS

The RI was completed in accordance with Title 6 of the New York Codes, Rules, and Regulations (6 NYCRR) Part 375, DER-10, the NYSDEC Draft BCP Guide (May 2004), and the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 and subsequent updates). The RI was completed between August 25 and September 18, 2017 and the Remedial Investigation Report (RIR) was approved by NYSDEC and NYSDOH on June 4, 2018. The RI was completed to characterize the nature and extent of contamination at the site.

2.1 Remedial Investigation

The RI consisted of the following:

- A geophysical survey
- Installation of 12 soil borings and collection of 43 grab soil samples (including two duplicate samples)
- Installation of three overburden groundwater monitoring wells and one bedrock observation well and collection of five groundwater samples (including one duplicate sample)
- Surveying and synoptic gauging of groundwater monitoring wells to determine local groundwater flow direction
- Installation of five soil vapor points and collection of five soil vapor samples

2.1.1 Geophysical Investigation

Prior to initiating intrusive RI subsurface activities, the New York One Call Center was contacted for Code 753 utility mark-outs. On August 25, 2017, a Langan field engineer documented the geophysical survey performed by NOVA Geophysical & Environmental, Inc. (NOVA) of Douglaston, New York. The survey was completed using electromagnetic and utility line locator instruments, a magnetometer, and ground-penetrating radar (GPR) to identify potential subsurface utilities, underground storage tanks (USTs), and other buried structures across the site and to clear boring, monitoring well, and soil vapor probe locations.

The geophysical survey identified scattered anomalies across the site footprint. A tank-like structure was identified beneath a manhole in the southeastern portion of the building with a linear anomaly protruding from the structure to the southern wall of the building. The
remaining anomalies were inconsistent with USTs and were likely associated with debris observed throughout the historic fill layer. Buried utility lines were also identified throughout the partial cellar and first floor.

### 2.1.2 Soil Investigation

A Langan field engineer documented the advancement of 12 soil borings (SB01 through SB12) by AARCO Environmental Services Corp. (AARCO) of Lindenhurst, New York. Nine of the borings were advanced using a direct-push Geoprobe® 420M limited-access drill rig, and three of the borings were advanced using a direct-push Geoprobe® 6610DT track-mounted drill rig. Borings SB01, SB02, SB03, SB04, SB05, SB06, and SB11 were advanced to elevations ranging from el -5.5 to 1.5 (i.e., proposed development depth or to accommodate monitoring well installation [20 to 32 feet below grade surface]). Borings SB07, SB08, SB09, SB10, and SB12 encountered refusal at elevations ranging from el 5.5 to 14 (17.5 to 26 feet below grade surface [bgs]).

Soil was recovered continuously from the surface to the bottom depth of each boring. Samples were collected into 2-foot, 3-foot, or 4-foot long acetate liners, depending on the drill rig and boring location, using a 2-inch diameter Macro-Core® sampler. The soil was screened for visual, olfactory, and instrumental evidence of environmental impacts, and was visually classified for soil type, grain size, texture, and moisture content. Instrument screening for the presence of organic vapors was performed using a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp.

### 2.1.3 Groundwater Investigation

A Langan field engineer documented conversion of two soil borings into groundwater monitoring wells (MW01 and MW05) by AARCO during the RI and installation of one bedrock observation well (OW1) and one overburden well (OW7) by Warren George Inc. (Warren George) of Jersey City, New Jersey during a September 2017 geotechnical investigation.

Groundwater monitoring wells MW01 and MW05 were constructed in the western part of the site (the partial cellar) by inserting 10 feet of 2-inch diameter, schedule 40, 0.01-inch slotted polyvinyl chloride (PVC) screen from about el -6.5 to 3.5 and attached PVC riser to grade. Bedrock observation well OW-1 was constructed in the southeast corner of the site by inserting 20 feet of 2-inch diameter, schedule 40, 0.01-inch slotted PVC screen from el -8.5 to 11.5 and attached PVC riser to grade. Overburden well OW-7 was constructed off-site in the western-adjoining sidewalk by inserting 10 feet of 2-inch diameter, schedule 40, 0.01-inch slotted PVC screen from el -7.75 to -17.75 and attached PVC riser to grade. Following
installation, groundwater monitoring wells (MW01 and MW05) were developed using a surge block and purged using a submersible pump until the water ran clear, and the overburden well (OW7) and bedrock observation well (OW1) were flushed out using potable water and bailed until dry.

2.1.4 Soil Vapor Investigation

A Langan field engineer documented installation of five soil vapor probes (SV01 through SV05) by AARCO. Three soil vapor probes (SV01, SV02, and SV03) were installed about 2 feet above the observed groundwater table, and two soil vapor probes (SV04 and SV05) were installed about 2 feet above bedrock. As a quality assurance/quality control (QA/QC) measure, an inert tracer gas (helium) was introduced into an above-grade sampling chamber to verify that the soil vapor probes were properly sealed above the target sampling depth, thereby preventing subsurface infiltration of ambient air.

Soil boring, monitoring well, and soil vapor probe locations are shown on Figure 2.

2.1.5 Samples Collected

Forty-one soil samples and two duplicate samples were collected for laboratory analysis. With the exception of two borings (SB08 and SB09), samples were collected from the 0- to 2-foot depth interval (i.e., shallow fill), the bottom of the historic fill layer, and the proposed development depth, or native soil in borings where refusal was encountered prior to development depth. In boring SB08, samples were collected from the 0- to 2-foot depth interval, the bottom of the fill layer, and the 16- to 18-foot depth interval where evidence of petroleum impacts was observed directly above the bedrock interface. In boring SB09, samples were collected from the 0- to 2-foot depth interval, the historic fill layer rather than the observed bottom of the fill layer (due to poor recovery), and native soil rather than the proposed development depth (due to refusal). To more accurately define the soil profile, additional samples of historic fill were collected from borings SB02, SB05, and SB06, and additional samples of native soil were collected from borings SB07 and SB11.

Four groundwater samples and one duplicate sample were collected at least one week following well development. Samples were collected in accordance with the United States Environmental Protection Agency’s (USEPA) low-flow groundwater sampling procedure ("Low Stress [low-flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells", dated July 30, 1996 and revised January 19, 2010) to allow for collection of representative samples.
Five soil vapor samples were collected into laboratory-supplied, batch-certified, 6-Liter Summa® canisters that were calibrated for a sampling rate of about 0.05 liters per minute (L/min) over about 120 minutes of sampling. For QA/QC purposes, one exterior ambient air sample was collected adjacent to the southern wall of the existing building.

All soil, groundwater, and soil vapor samples were submitted for laboratory analysis to Alpha Analytical Inc., an NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Westborough, Massachusetts.

### 2.1.6 Chemical Analysis

The laboratory analyses performed on the soil, groundwater, soil vapor, and ambient air samples collected are summarized below by media.

**Soil samples** were analyzed for the following parameters:

- Part 375-listed volatile organic compounds (VOCs) via USEPA Method 8260C
- Part 375-listed semi-volatile organic compounds (SVOCs) via USEPA Method 8270D
- Polychlorinated biphenyls (PCBs) via USEPA Method 8082A
- Part 375-listed pesticides via USEPA Method 8081B
- Part 375-listed herbicides via USEPA Method 8151A
- Part 375-listed metals including hexavalent and trivalent chromium via USEPA Methods 6010C, 7471B, and 7196A
- Total cyanide via USEPA Method 9010C/9012B

**Groundwater samples** collected from MW01 and MW05 and the duplicate sample were analyzed for the following parameters:

- Target Compound List (TCL) VOCs and 1,4-dioxane via USEPA Method 8260C
- TCL SVOCs via USEPA Method 8270D
- PCBs via USEPA Method 8082A
- Pesticides via USEPA Method 8081B
- Target Analyte List (TAL) metals (total and dissolved) via USEPA Methods 6020A and 7470A
- Perfluorinated chemicals (PFCs) via USEPA Method 537
The groundwater sample collected from OW7 was analyzed for the following parameters:

- TCL VOCs via USEPA Method 8260C
- TCL SVOCs via USEPA Method 8270D
- PCBs via USEPA Method 8082A
- Pesticides via USEPA Method 8081B
- TAL metals (total and dissolved) via USEPA Methods 6020A and 7470A

The groundwater sample collected from OW1 was analyzed for the following parameters:

- TCL VOCs via USEPA Method 8260C
- TCL SVOCs via USEPA Method 8270D
- TAL metals (total and dissolved) via USEPA Methods 6020A and 7470A

Soil vapor and ambient air samples were analyzed for VOCs via USEPA Method TO-15.

### 2.1.7 Remedial Investigation Findings Summary

The findings summarized herein are based on qualitative data (field observations and instrumental readings) and laboratory analytical soil, groundwater, and soil vapor sample results. Cross-sectional diagrams showing inferred soil profiles are included as Figures 3a and 3b. Soil sample results are summarized on Figures 4a and 4b, groundwater sample results are summarized on Figure 5, and soil vapor sample results are summarized on Figure 6.

1. **Stratigraphy**: Historic fill predominantly consisting of brown, fine- to coarse-grained sand with varying amounts of silt, gravel, concrete, brick, glass, ash, coal, and slag was encountered across the site from beneath the surface cover to elevations ranging from about el 22.5 to -3.5 (9 to 27 feet bgs). Native soil encountered below historic fill predominantly consisted of fine- to coarse-grained sand with varying amounts of gravel and silt. Bedrock was not encountered during the RI; however, competent bedrock was encountered at elevations ranging from about el 5 (18.5 feet bgs) in the eastern part of the site to about el -35 (48.5 feet bgs) in the western-adjoining sidewalk during Langan’s September 2017 geotechnical investigation. Depth to bedrock increased from east to west across the site footprint.

2. **Hydrogeology**: Synoptic groundwater measurements were collected on October 4, 2017 and April 24, 2018 from three overburden groundwater monitoring wells (MW01, MW05, and OW7), and one bedrock observation well (OW1). Based on groundwater
measurements and observations, two aquifers exist beneath the site; an overburden aquifer and a bedrock aquifer. Based on the synoptic gauging event on April 24, 2018, groundwater elevation in the bedrock observation well is el 9.17 (22.28 feet bgs) and elevation in the overburden wells ranges from el 1.90 to 1.96 (19.17 to 20.35 feet bgs). Overburden groundwater is inferred from topography to flow west toward the Harlem River. Shallow bedrock on the eastern part of the site slopes down to the west suggesting groundwater flow following bedrock topography also flows west toward the Harlem River, possibly discharging directly into the overburden aquifer. Underground utilities and other subsurface structures may locally influence the direction of groundwater flow.

3. **Historic Fill:** Laboratory analytical results indicated that the historic fill contains SVOCs, metals, pesticides, and PCBs at concentrations above the Part 375 Unrestricted Use (UU) and/or Restricted Use Restricted-Residential (RRU) Soil Cleanup Objectives (SCOs). The deepest sample exceeding the SCOs was collected from the 25- to 27-foot depth interval (i.e., el 1.5 to -0.5) in the southern-central part of the site.

4. **Native Soil:** Metals (copper, lead, mercury, nickel, trivalent chromium, and zinc) were detected at concentrations above the Part 375 UU and/or RRU SCOs in four samples of native soil. VOC, SVOC, pesticide, herbicide, and PCB concentrations did not exceed the Part 375 UU SCOs in native soil samples.

5. **Groundwater:** Two SVOCs (benzo[a]anthracene and benzo[b]fluoranthene) and one chlorinated VOC (C VOC) (chloroform) were detected at concentrations above the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA groundwater in the groundwater sample collected from bedrock observation well OW1 in the southeastern corner of the site. The SVOC concentrations, which are attributed to entrained sediments, are likely related to the on-site historic fill, and the chloroform concentration may be related to historical site use or historical use of the eastern-adjoining property. Total and dissolved metals concentrations detected above the SGVs in groundwater samples are attributable to regional groundwater conditions and are not considered indicative of a release. Concentrations of perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were not detected in groundwater samples above the USEPA health advisory of 70 parts per trillion (ppt). Regulatory criteria do not exist for the remainder of the PFCs analyzed.

6. **Soil Vapor:** Petroleum-related VOCs and CVOCs were detected in soil vapor samples at concentrations of up to two orders of magnitude above the ambient air sample.
7. **Petroleum Impacts:** One 3,000-gallon aboveground storage tank (AST), and one unlabeled, 55-gallon drum containing an oily liquid were observed on site. PID readings up to 23 parts per million (ppm) were observed in the 14- to 16-foot depth interval in boring SB06, advanced in the southern-central part of the site near the 3,000-gallon AST. PID readings up to 289 ppm and petroleum-like odors were observed in the 16- to 18-foot depth interval (i.e., directly above bedrock) in SB08, advanced in the southeastern corner and may be related to historical use of the eastern-adjoining property. PID headspace reading of 44 ppm was recorded beneath the cap of nearby bedrock observation well OW1. Petroleum-related VOCs were detected in soil but at concentrations below the UU SCOs. SVOCs were detected in soil samples collected from SB06 and SB07 (near the 3,000-gallon AST) at concentrations above the RRU SCOs. Methyl tertiary butyl ether (MTBE) was detected in the groundwater sample collected from bedrock observation well OW1 but at a concentration below the SGV. Soil vapor samples contained concentrations of petroleum-related VOCs of up to two orders of magnitude greater than the ambient air. Following the observations in boring SB08, the NYSDEC was contacted and Spill No. 1705442 was assigned to the site.

2.2 **Significant Threat**

The NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health and the environment.

2.3 **Site History**

2.3.1 **Past Uses and Ownership**

Historical Sanborn Fire Insurance Maps indicate that the site was an undeveloped vacant lot until at least 1928. A diner was located in the southern portion from 1935 to 1944; however, the site again appears vacant from 1946 to 1951. The existing on-site building was constructed in the early 1950s, and the site historically operated as a jewelry box manufacturer (Rocket Jewelry) from at least 1954 to 2016. A 3,000-gallon, No. 2 fuel oil AST was installed in the partial cellar in 1953 (NYSDEC Petroleum Bulk Storage [PBS] Site No. 2-207209).

2.3.2 **Previous Environmental Reports**

Previous environmental reports were reviewed as part of this RAWP and are summarized in chronological order below. The environmental reports are included in Appendix B.
October 3, 2017 Phase I Environmental Site Assessment (ESA), prepared by Langan

The Phase I ESA was completed in general accordance with ASTM International (ASTM) Standard E1527-13 and the USEPA All Appropriate Inquiries (AAI) Rule. The following recognized environmental conditions (RECs) were identified:

Historical On-Site Operations

The site historically operated as a jewelry box manufacturer from about 1954 to 2016. Jewelry packaging and on-site operations may have included the use of metals and solvents containing VOCs and on-site petroleum storage tanks were present and used.

On-Site Petroleum Bulk Storage

One 3,000-gallon AST was observed during the August 25, 2017 site reconnaissance. The 3,000-gallon AST was also identified in the NYSDEC PBS database. A fill port and vent pipe were observed on the exterior of the southern side of the building, and stained absorbent pads were observed in the boiler room near the fuel oil connection pipe. One unlabeled, 55-gallon drum containing an oily liquid was also observed in the boiler room.

Current and Historical Uses of Nearby Properties

Historical uses of adjoining and surrounding properties included a machine shop (1949), a Con Edison garage (1977 to 1984), a Con Edison service center (1977 to 1986), and unspecified manufacturing (1986 to 2007). Records identify an in-service 3,000-gallon No. 2 fuel oil AST at the eastern-adjoining property since 1988.

Nearby Tetrachloroethene (PCE) Impacts to Soil Vapor

NYSDEC BCP Site No. C203071 (477 Gerard Avenue) is located less than 150 feet northwest of the site. A 2015 RIR identified PCE impacts to soil vapor at concentrations above the NYSDOH Air Guidance Value (AGVs). The RIR did not identify the source of PCE.

2.4 Geology and Hydrogeology

Geologic and hydrogeologic observations are described below. Cross-sectional diagrams showing inferred soil profiles are included as Figures 3a and 3b. Soil boring logs, groundwater contour map, and groundwater monitoring well construction logs are appended to the RIR.
2.4.1 Historic Fill Material

Historic fill material was encountered beneath the surface cover and extends to elevations that vary between about el 22.5 to -3.5 (9 to 27 feet below grade). The historic fill predominantly consists of brown, fine- to coarse-grained sand with varying amounts of silt, gravel, concrete, brick, glass, ash, coal, and slag.

2.4.2 Native Soil

Historic fill was underlain by glacial till that predominantly consisted of fine- to coarse-grained sand with varying amounts of gravel and silt. The glacial till generally extended to the termination depth of each RI boring.

2.4.3 Bedrock

Bedrock was not encountered during the RI; however, competent bedrock was encountered at elevations ranging from about el 5 (18.5 feet bgs) in the eastern part of the site to about el -35 (48.5 feet bgs) in the western-adjoining sidewalk during Langan’s September 2017 geotechnical investigation. Depth-to-bedrock increased from east to west across the site footprint.

2.4.4 Hydrogeology

Synoptic groundwater measurements were collected on October 4, 2017 from three overburden groundwater monitoring wells (MW01, MW05, and OW7), and one bedrock observation well (OW1). Two of the wells (OW1 and OW7) were installed during Langan’s September 2017 geotechnical evaluation and the other two were installed during the August/September 2017 RI. Based on groundwater measurements and observations, two aquifers exist beneath the site; an overburden aquifer and a bedrock aquifer. Groundwater elevation in the bedrock observation well is el 9.17 (22.28 feet bgs) and elevation in the overburden wells ranges from el 1.90 to 1.96 (19.17 to 20.35 feet bgs). Overburden groundwater is inferred from topography to flow west toward the Harlem River. Shallow bedrock on the eastern part of the site slopes down to the west suggesting groundwater flow following bedrock topography flows west toward the Harlem River, possibly discharging directly into the overburden aquifer. Underground utilities and other subsurface structures may locally influence the direction of groundwater flow.
2.5 Contaminant Conditions

2.5.1 Conceptual Site Model

A conceptual site model (CSM) has been developed based on the findings of the RI. The purpose of the CSM is to develop a simplified framework for understanding the distribution of impacted materials, potential migration pathways, and potentially complete exposure pathways.

Potential Sources of Contamination

Potential sources of contamination include historic fill material, historical site use, on-site petroleum bulk storage, historical use of adjoining properties, and the source of nearby PCE impacts to soil vapor.

Historic fill encountered beneath the surface cover to elevations ranging from about el -3.5 to 22.5 (9 to 27 feet below bgs) originated from unidentified source areas and was placed as backfill at an unknown time, prior to the development of the current on-site building. Pesticides detected at concentrations above the Part 375 UU SCOs in samples of historic fill may be related to the nature of the historic fill or may be the result of pesticide application prior to building construction in the early 1950s. PCBs detected at concentrations above the Part 375 UU SCO in surficial samples collected near the site’s perimeter may be related to the historic fill or historical use of the northern-adjoining property (former Con Edison garage). SVOCs detected at concentrations above the Part 375 UU and/or RRU SCOs may be related to the nature of historic fill, on-site petroleum bulk storage (3,000-gallon AST), or historical use of the northern-adjoining property (or a combination of the three). Metals, which were detected at concentrations above the Part 375 UU and/or RRU SCOs in samples of historic fill and native soil, may be related to the historic fill, historical site use as a jewelry box manufacturer, or historical use of adjoining properties (or a combination of the three). The metals concentrations of nickel and zinc detected in native soil samples may also be naturally occurring.

The SVOCs detected at concentrations above the SGVs in bedrock observation well OW1 may be related to the on-site historic fill or historical use of the eastern-adjoining property. The chloroform concentration detected above the SGV in OW1 may be related to historical site use or historical use of the eastern-adjoining property.

Evidence of petroleum-related contamination observed in SB06, advanced in the southern-central part of the site, may be related to a release from the 3,000-gallon AST. Evidence of petroleum-related contamination observed in SB08, advanced in the southeastern corner of the site, may be related to historical use of the eastern-adjoining property. Petroleum-related VOCs
detected in soil vapor may be indicative of an on-site release from either the tanks or the drum (although these compounds were not detected above applicable criteria in soil or groundwater samples) or may be related to an off-site source.

PCE concentrations detected in soil vapor may be indicative of a chemical release associated with historical site use (although these compounds were not detected above applicable criteria in soil or groundwater samples) or may be related to an off-site source.

Exposure Media

The impacted media include soil, groundwater, and soil vapor. Analytical data for contaminants of concern (COCs) indicates that SVOCs, PCBs, and pesticides are limited to the historic fill layer and metals are ubiquitous throughout historic fill and native soil to about 20 to 30 feet below grade surface. Two SVOCs (benzo[a]anthracene and benzo[b]fluoranthene) and one CVOC (chloroform) were detected above the SGVs in one groundwater sample collected from the southeastern part of the site. VOCs were identified in soil vapor samples collected from across the site footprint; specifically, PCE was detected at concentrations above the ambient air concentrations in all soil vapor points. On-site sources of CVOCs detected in groundwater and soil vapor were not identified in soil.

Receptor Populations

The site is improved with a vacant one-story manufacturing building with a partial cellar. Access to the on-site building is restricted via locked doors. Current receptor populations include authorized visitors to the site associated with pre-development assessment and investigation activities and the public and pedestrians adjacent to the site. During site development, human receptors will be limited to construction and remediation workers, authorized guests visiting the site, and the public and pedestrians adjacent to the site. Under future conditions, receptors will include the residential and commercial use occupants, patrons and employees, and the nearby community, including children.

2.5.2 Description of Areas of Concern (AOC)

Based on site observations, site development history, and the findings of the Phase I ESA, five AOCs were identified. This section discusses the results of the RI with respect to the AOCs. An AOC location map is included as Figure 2.
2.5.2.1 AOC 1: Historic Fill

Historic fill material located throughout the site contains SVOCs, metals, pesticides, and PCBs at concentrations above the Part 375 UU and/or RRU SCOs. The historic fill layer ranged in elevation from surface grade to about el -3.5 to 22.5 (9 to 27 feet bgs) and predominantly consisted of brown, fine- to coarse-grained sand with varying amounts of silt, gravel, concrete, brick, glass, ash, coal, and slag. The bottom of the historic fill layer (about el -3.5 to 22.5) was encountered beneath the groundwater table (el 1.17 to 1.45) in the southwestern and southern-central parts of the site and within about 10 feet of the groundwater table throughout the remainder of the site footprint. Benzo(a)anthracene and benzo(b)fluoranthene, which were detected in soil samples collected from across the site, were also detected at concentrations above the SGVs in the groundwater sample collected from bedrock observation well OW1 located in the southeastern corner of the site. COCs generally associated with historic fill include SVOCs, pesticides, PCBs, and metals.

AOC 1 Conclusions

Historic fill, which is ubiquitous across the site footprint, was encountered beneath surface cover to elevations ranging from about el -3.5 to 22.5 (9 to 27 feet bgs). SVOCs, metals, pesticides, and PCBs were detected at concentrations above the Part 375 UU and/or RRU SCOs in samples of historic fill, with the deepest exceedance found at el -0.5.

Concentrations of SVOCs and one pesticide in samples SB07_22-24 and SB12_22-24 are likely related to infiltration of historic fill material into the borehole during sample collection. Similar concentrations were not identified in any other native soil samples; therefore, the SVOC and pesticide concentrations identified in these samples are considered anomalous and not representative of native soil conditions.

SVOC concentrations detected in groundwater are likely related to entrained sediments that may be related to on-site historic fill. The analytical data indicate that the contaminants associated with historic fill have not impacted soil vapor beneath the site.

2.5.2.2 AOC 2: Historical Site Use

The site was a vacant lot until at least 1928, a diner was located in the southern portion from 1935 to 1944, and the site was again vacant from 1946 to 1951. From about 1954 to 2016, the site operated as a jewelry box manufacturer that manufactured jewelry displays including metal boxes and lacquer-finished wood boxes. Jewelry packaging and on-site operations may have included the use of metals, petroleum, and solvents. In addition, pesticides may have been
applied on-site prior to construction of the existing warehouse. COCs associated with historical site use include CVOCs, metals (such as copper, lead, mercury, nickel, etc.), and pesticides in soil and CVOCs in groundwater and soil vapor. Petroleum is addressed in AOC 3.

Metals, including barium, cadmium, trivalent chromium, copper, lead, mercury, nickel, and zinc, were detected at concentrations above the Part 375 RRU SCOs and/or Part 375 UU SCOs in samples of historic fill and native soil collected from across the site footprint. Pesticides were also detected at concentrations above the Part 375 UU SCOs in samples of historic fill collected from across the site footprint. Chloroform was detected at a concentration above the SGV in the groundwater sample collected from bedrock observation well OW1. PCE was detected at concentrations above the ambient air concentrations in soil vapor samples collected in the western part of the site.

AOC 2 Conclusions

Pesticides detected in shallow soil (i.e., 0 to 2 feet bgs) may be the result of pesticide application prior to building construction in the early 1950s. Metals detected in historic fill and native soil samples may be related to the historical site use as a jewelry box manufacturer. Chloroform detected in the groundwater and PCE detected in soil vapor may be indicative of a chemical release associated with historical site use (although these compounds were not detected in soil samples) or may be related to an off-site source.

2.5.2.3 AOC 3: On-Site Petroleum Bulk Storage

A 3,000-gallon AST, and one unlabeled, 55-gallon drum containing an oily liquid were identified during the Phase I ESA. The 3,000-gallon AST was observed beneath a manhole located in the southeastern part of the first floor. The 55-gallon drum was observed in the boiler room near the fuel oil connection pipe with stained absorbent pads nearby. COCs associated with AOC 3 include petroleum-related VOCs and SVOCs.

PID readings up to 23 ppm were observed in the 14- to 16-foot depth interval in boring SB06, advanced in the southern-central part of the site near the 3,000-gallon AST. PID readings up to 289 ppm and petroleum-like odors were observed in the 16- to 18-foot depth interval (i.e., directly above bedrock) in SB08, advanced in the southeastern corner. In addition, a PID headspace reading of 44 ppm was recorded beneath the cap of nearby bedrock observation well OW1. Petroleum-related VOCs were detected in soil but at concentrations below the UU SCOs. SVOCs were detected in soil samples collected from SB06 and SB07 (near the 3,000-gallon AST) at concentrations above the RRU SCOs. MTBE was detected in the groundwater sample collected from bedrock observation well OW1 but at a concentration below the SGV.
Soil vapor samples contained concentrations of petroleum-related VOCs of up to two orders of magnitude greater than the ambient air.

**AOC 3 Conclusions**

Evidence of petroleum-related contamination and SVOC concentrations observed in SB06 and SB07 may be related to a release from the 3,000-gallon AST. Petroleum-related VOCs detected in soil vapor may be indicative of an on-site release from either tank or the drum (although these compounds were not detected above applicable criteria in soil or groundwater samples) or may be related to an off-site source. Although MTBE was detected at a concentration below the SGV, its presence likely indicates the release of petroleum to groundwater from an off-site source.

**2.5.2.4 AOC 4: Historical Use of Adjoining Properties**

Historical use of the northern- and eastern-adjoining properties included manufacturing and a Con Edison garage. An active 3,000-gallon No. 2 fuel oil AST is registered to the eastern-adjoining property, which is currently vacant. COCs associated with AOC 4 include VOCs, SVOCs, PCBs, and metals. Petroleum is addressed in AOC 3.

PCBs were detected above the Part 375 UU SCO in two surficial samples collected from near the northern border of the site. Metals were detected above the Part 375 UU and/or RRU SCOs in soil samples collected near the northern and eastern borders of the site. Two SVOCs (benzo[a]anthracene and benzo[b]fluoranthene) and one CVOC (chloroform) were detected at concentrations above the SGVs in the groundwater sample collected from bedrock observation well OW1 in the southeastern corner of the site. PCE was detected at concentrations above the ambient air concentrations in soil vapor samples collected from the western part of the site.

**AOC 4 Conclusions**

Evidence of petroleum-related contamination observed in the southeastern corner of the site and SVOC, metals, and PCB concentrations detected in soil samples collected near the site’s perimeter may be related to historical use of the northern- and eastern-adjoining properties (i.e., manufacturing and a Con Edison garage). Groundwater analytical results, specifically chloroform and SVOC concentrations detected in the southeastern corner of the site, and soil vapor analytical results may be indicative of a chemical release associated with historical use of the northern- and eastern-adjoining properties.
2.5.2.5 AOC 5: Nearby PCE Impacts to Soil Vapor

The source of PCE impacting soil vapor at 477 Gerard Avenue (BCP site #C203071) may have the potential to affect soil vapor or groundwater beneath the site. COCs associated with AOC 5 include PCE and its daughter products (i.e., trichloroethene [TCE], cis-1,2-dichloroethene, and vinyl chloride). PCE and TCE were detected in soil but at concentrations below the UU SCOs. PCE, but not its daughter products, was detected in groundwater but at concentrations below the SGV. PCE was detected at concentrations above the ambient air concentrations in soil vapor samples collected from the western part of the site. With the exception of a TCE detection in the southwestern part of the site, PCE daughter products were not detected in soil vapor samples collected from across the site footprint.

AOC 5 Conclusions

PCE and its daughter product, TCE, were detected at concentrations above the ambient air concentrations in one or more soil vapor samples collected from the western part of the site. PCE concentrations in soil vapor may be indicative of a chemical release associated with historical site use (although these compounds were not detected above applicable criteria in soil or groundwater samples) or may be related to an off-site source.

2.5.3 Nature and Extent of Contamination

This section evaluates the nature and extent of soil, groundwater, and soil vapor contamination. The nature and extent of the contamination is derived from a combination of field observations and analytical data detailed in the RIR. Soil sample results are summarized on Figures 4a and 4b, groundwater sample results are summarized on Figure 5, and soil vapor sample results are summarized on Figure 6.

2.5.3.1 Soil Contamination

Historic fill predominantly consisting of brown, fine- to coarse-grained sand with varying amounts of silt, gravel, concrete, brick, glass, ash, coal, and slag was encountered across the site beneath surface cover to elevations ranging from about el -3.5 to 22.5 (9 to 27 feet bgs).

Pesticides were detected at concentrations above the Part 375 UU SCOs in samples of historic fill, to a maximum elevation of about el 17.5, and are likely a component of the historic fill. Pesticides in shallow soil (i.e., 0 to 2 feet bgs) may be the result of pesticide application prior to building construction in the early 1950s.
PCBs were detected at concentrations above the Part 375 UU SCO in surficial samples collected near the site perimeter and may be related to the nature of the historic fill or historical use of the northern-adjoining property.

SVOCs detected at concentrations above the Part 375 UU and/or RRU SCOs may be related to the nature of historic fill, to on-site petroleum bulk storage (3,000-gallon AST), or to historical use of the northern-adjoining property (or a combination of the three).

Metals, which were detected at concentrations above the Part 375 UU and/or RRU SCOs in samples of historic fill and native soil, may be related to the nature of historic fill, to historical site use as a jewelry box manufacturer, or to historical use of adjoining properties (or a combination of the three). The concentrations of zinc and nickel detected in native soil samples may also be naturally occurring. The deepest exceedance of the RRU SCOs was observed in the 25- to 27-foot depth interval in SB06 (i.e., el 1.5 to -0.5) in the southern-central part of the site.

Petroleum impacts were identified on the site, a spill was reported to NYSDEC, and Spill No. 1705442 was assigned to the site. PID readings up to 289 ppm and petroleum-like odors were observed in the 16- to 18-foot depth interval (i.e., directly above bedrock) in SB08, advanced in the southeastern corner and may be related to historical use of the eastern-adjoining property. PID readings up to 23 ppm were observed in the 14- to 16-foot depth interval in boring SB06, advanced in the southern-central part of the site near the 3,000-gallon AST. Petroleum-related VOCs were detected in soil but at concentrations below the UU SCOs.

### 2.5.3.2 Groundwater Contamination

Two SVOCs (benzo[a]anthracene and benzo[b]fluoranthene) and one CVOC (chloroform) were detected at concentrations above the SGVs in the groundwater sample collected from bedrock observation well OW1 in the southeastern corner of the site. The SVOC concentrations, which are attributed to entrained sediments, are likely related to the on-site historic fill. The chloroform concentration may be related to historical site use or historical use of the eastern-adjoining property.

A PID headspace reading of 44 ppm was recorded beneath the cap of bedrock observation well OW1. MTBE was detected in the groundwater sample collected from OW1, but at a concentration below the SGV.

Concentrations of total and dissolved metals identified in groundwater samples are attributable to regional groundwater conditions and are not considered indicative of a release.
2.5.3.3 Soil Vapor Contamination

The soil vapor samples contained petroleum-related VOCs and CVOCs at concentrations of up to two orders of magnitude above the ambient air sample. PCE concentrations detected in soil vapor may be indicative of a chemical release associated with historical site use (although these compounds were not detected above applicable criteria in soil or groundwater samples) or may be related to an off-site source. In addition, petroleum-related VOCs detected in soil vapor may be indicative of an on-site release from the 3,000-gallon AST, or the 55-gallon drum (although these compounds were not detected above applicable criteria in soil or groundwater samples) or may be related to an off-site source.

2.6 Qualitative Human Exposure Assessment

Human health exposure risk was evaluated for both current and future site and off-site conditions, in accordance with DER-10. The assessment includes an evaluation of potential sources and migration pathways of site contamination, potential receptors, exposure media, and receptor intake routes and exposure pathways.

In addition to the human health exposure assessment, DER-10 requires an on-site and off-site Fish and Wildlife Resources Impact Analysis (FWRIA) if certain criteria are met. Based on the requirements stipulated in Section 3.10 and Appendix 3C of DER-10, there was no need to prepare an FWRIA for the Site. The same qualitative human health exposure assessment for the site is also presented in the RIR.

2.6.1 Potential Exposure Pathways – On-Site

Current Conditions

The site is currently covered by an impervious surface (the concrete building slab). Human exposure to contaminated soil through dermal absorption, inhalation, and ingestion is minimal and controlled through the presence of the impervious surface. There is a potential exposure pathway through dermal absorption, inhalation, and ingestion during soil sampling associated with site investigation, but it is controlled through implementation of a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP).

As groundwater in this area of New York City is not used as a potable water source, a complete exposure pathway under current site conditions is unlikely. There is a potential exposure pathway through dermal absorption, inhalation, and ingestion during groundwater sampling.
associated with site investigation, but it is controlled through implementation of the HASP and CAMP.

Contaminated soil vapor may be emanating from contaminated groundwater; however, there are no current tenants in the building. There is a potential exposure pathway to soil vapor through inhalation during soil, groundwater, and soil vapor sampling associated with site investigation. This pathway is also controlled through implementation of the HASP and CAMP.

Construction/Remediation Condition

Construction and remediation may result in potential exposures to site contaminants in the absence of a HASP and a CAMP. Construction and remedial activities include demolition, the excavation and off-site disposal of impacted soil, and construction of foundation components. In the absence of a HASP and CAMP, this scenario presents the potential for exposure of soil COCs to construction and remediation workers via dermal absorption, ingestion, and inhalation of vapors and particulate matter. This exposure pathway will be marginalized through the implementation of the HASP, CAMP, and vapor and dust suppression techniques.

Groundwater will be encountered during excavation by workers, and there is potential for exposure to groundwater COCs, in the absence of a HASP, to construction workers via dermal absorption or ingestion. This exposure pathway will be marginalized through the implementation of the HASP.

During site development, construction and remediation workers and the surrounding community could be exposed to soil vapor COCs and contaminated soil via inhalation. Exposure to soil vapor and dust will be limited through the implementation of a HASP, CAMP, and dust and vapor suppression techniques.

Proposed Future Conditions

The proposed development is anticipated to include a multi-story residential and commercial building with two cellar levels that will encompass the entire site footprint. Portions of the foundation and sub-cellar slab are anticipated to rest directly on bedrock. Upon completion of the new development, the site will be covered by a concrete building slab, with a continuous waterproofing/vapor barrier under the slab and along all subsurface foundation walls.

The foundation and cellar slab with waterproofing/vapor barrier will prevent direct human exposure to residual impacted media that may be left in place or may migrate to the site from an off-site location. As such, there is no complete exposure pathway for future users.
There is no pathway for ingesting groundwater COCs, because the site and surrounding area will continue to obtain municipally-supplied drinking water that originates from surface water reservoirs located upstate.

### 2.6.2 Potential Exposure Pathways – Off-Site

In the absence of a CAMP and a HASP, soil has the potential to be transported off-site by wind in the form of dust or on the tires of vehicles or equipment leaving the site during the remedial excavation and foundation construction. This could create a potential exposure pathway to the public adjacent to the site. Groundwater will be removed during construction and will be pretreated and discharged to the New York City sewer system, per New York City Department of Environmental Protection (NYCDEP) permit requirements, or containerized in a temporary storage tank pending disposal at a permitted off-site facility. Therefore, the potential for public exposure to groundwater on adjacent sites will be minimalized. During construction, soil vapor will primarily migrate vertically through the subsurface and will dissipate and dilute with ambient air.

The potential off-site migration of site soil, groundwater, and/or soil vapor contaminants is not expected to result in a complete exposure pathway for current, construction-phase, or future conditions for the following reasons:

- The site is located in an urban area and is covered with continuous impervious surface material (concrete building slab).
- During remedial excavation, dewatering, SOE installation and foundation construction, the following protective measures will be implemented:
  - Air monitoring will be conducted for particulates (dust) and VOCs during ground-intrusive work as part of a CAMP. Dust and/or vapor suppression techniques will be employed to limit the potential for off-site migration of soil and vapors.
  - Vehicle tires and undercarriages will be washed as necessary prior to leaving the site to prevent tracking material off-site.
  - A soil erosion/sediment control plan will be implemented during construction to control off-site migration of soil.
- A waterproofing/vapor barrier to be installed beneath the cellar slab and along the sidewalls to sidewalk grade for subsurface components of the proposed buildings that will also prevent vapor intrusion from any residual on-site or off-site sources. A
continuous impervious surface cover system comprised of the proposed building slab will span the site footprint.

- Groundwater in New York City is not used as a potable water source and the nearest ecological receptor, the Harlem River, is located about 670 feet west of the site.

2.6.3 Evaluation of Human Health Exposure

Based on the CSM and the review of environmental data, complete on-site exposure pathways appear to be present, in the absence of mitigation and controls, in current and construction-phase conditions. The complete exposure pathways indicate there is a risk of exposure to humans from site contaminants via exposure to soil, groundwater, and soil vapor if remediation is not implemented.

Complete exposure pathways have the following five elements: 1) a contaminant source; 2) a contaminant release and transport mechanism; 3) a point of exposure; 4) a route of exposure; and 5) a receptor population. A discussion of the five elements comprising a complete pathway as they pertain to the site is provided below.

2.6.3.1 Current Conditions

Contaminant sources include historic fill with varying concentrations of SVOCs, metals, pesticides, and PCBs; native soil with varying concentrations of metals; groundwater with varying concentrations of SVOCs, metals, and one CVOC (chloroform); and soil vapor with concentrations of VOCs above those detected in ambient air.

Contaminant release and transport mechanisms include potential release and transport during penetration of the site cover for soil, groundwater, and soil vapor sampling. The potential receptor is the on-site sampling personnel and the nearby public. Under current conditions, the likelihood of exposure to humans is limited due to the following:

- The site footprint is covered by a continuous concrete building slab, which prevents direct contact with soil, groundwater, and soil vapor, and there are no tenants in the building.
- Sampling activities are completed in accordance with a HASP and CAMP that is designed to monitor and prevent exposure to soil, groundwater, and soil vapor contaminants.
- Groundwater at the site is not a potable water source.

2.6.3.2 Construction/Remediation Activities
During the excavation and foundation construction stage of redevelopment, which includes remediation, points of exposure include disturbed and exposed soil during excavation, dust and potential organic vapors generated during excavation, and contaminated groundwater encountered during excavation and/or dewatering operations. Routes of exposure include ingestion and dermal absorption of contaminated soil and groundwater, inhalation of potential organic vapors arising from contaminated soil vapor and groundwater, and inhalation of dust originating from contaminated soil. The receptor population includes construction and remediation workers and, to a lesser extent, the public adjacent to the site.

The potential for completed exposure pathways is present since all five elements exist; however, the risk can be avoided or minimized by applying appropriate health and safety measures during construction and remediation via implementation of the HASP and CAMP, such as monitoring the air for organic vapors and dust, using vapor and dust suppression measures, cleaning truck undercarriages before they leave the site to prevent off-site soil tracking, maintaining site security, and wearing the appropriate personal protective equipment (PPE).

The HASP, this RAWP, and CAMP include measures such as conducting an air-monitoring program, donning PPE, covering soil stockpiles, altering work sequencing, maintaining a secure construction entrance, proper housekeeping, and applying vapor and dust suppression measures to prevent off-site migration of contaminants during construction will be implemented. Such measures will prevent completion of potential migration pathways for soil, groundwater, and soil vapor.

2.6.3.3 Proposed Future Conditions

For the proposed future conditions, residual contaminants may remain on-site, depending on the remedy, and would, to a lesser extent, include those listed under current conditions. If residual impacts exist and controls are not implemented, points of exposure could include potential cracks in the foundation of the proposed development, exposure during any future ground-intrusive work, or inhalation of vapors entering the building. The receptor population includes residential and commercial use occupants, patrons, and employees, and the nearby community, including children. The possible routes of exposure can be avoided or mitigated by removal of contaminated soil.

Human Health Exposure Assessment Conclusions

1. Human exposure to site contaminants is limited under current conditions due to the surface cover, and access is limited to investigation workers and authorized guests.
The primary exposure pathways are dermal contact, ingestion, and inhalation of soil, groundwater, or soil vapor by site investigation workers and, to a lesser extent, the nearby public. The exposure risks can be avoided or minimized by following the appropriate HASP and vapor and dust suppression measures, and by implementing a CAMP during investigation activities.

2. In the absence of mitigation and controls, there is potential for exposure during the construction-phase activities. The primary exposure pathways are:

   a. Dermal contact, ingestion, and inhalation of contaminated soil, groundwater, or soil vapor by construction workers.
   b. Dermal contact, ingestion, and inhalation of soil (dust) and inhalation of soil vapor by the community in the vicinity of the site.

These can be avoided or minimized by implementing CAMP and by following the appropriate HASP, vapor and dust suppression, site security measures, and following a NYSDEC-approved RAWP.

3. The existence of a complete exposure pathway for site contaminants to human receptors during proposed future conditions is unlikely, as all or the majority of soil will be excavated and transported to an off-site disposal facility and residual soil will be capped, if required, with an impermeable cover or 2 feet of clean soil. Regional groundwater is not used as a potable water source in New York City. The potential pathway for soil vapor intrusion into the building would be addressed by implementation of the Track 1 remedy. As part of construction, a waterproofing/vapor barrier is being installed for subsurface components of the proposed building.

4. It is possible that a complete exposure pathway exists for the migration of site contaminants to off-site human receptors during current, construction-phase, and future conditions. Monitoring and control measures have been and will continue to be used during investigation and construction to prevent completion of this pathway. Under future conditions, the site will be remediated and, in the event Track 1 is not achieved, engineering and institutional controls will be implemented to prevent completion of this pathway.

2.7 Remedial Action Objectives

Based on the results of the RI, the following Remedial Action Objectives (RAOs) have been identified for this site.
2.7.1 Soil

RAOs for Public Health Protection:

- Prevent ingestion/direct contact with contaminated soil
- Prevent inhalation of or exposure from contaminants volatilizing from contaminated soil or contaminated soil in particulate form

RAOs for Environmental Protection:

- Prevent migration of contaminants that would result in groundwater or surface water contamination

2.7.2 Groundwater

RAOs for Public Health Protection:

- Prevent ingestion of groundwater with contamination levels exceeding drinking water standards
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater

RAOs for Environmental Protection:

- Restore the groundwater aquifer, to the extent practicable, to pre-disposal/pre-release conditions
- Remove the source of ground or surface water contamination

2.7.3 Soil Vapor

RAOs for Public Health Protection:

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into building(s) at the site
3.0 SUMMARY OF REMEDIAL ACTION

This Section presents an analysis of two remedial actions that can potentially be achieved under the BCP. The proposed SCOs will be the Track 1 Part 375 UU SCOs for Alternative I and Track 2 RRU SCOs for Alternative II.

3.1 Alternative I – Technical Description

Alternative I, a Track 1 remedy, will include the following tasks:

- Abatement of hazardous materials (including asbestos-containing materials [ACM] identified in pipes, doors, and tiles, lead based paint [LBP] identified on stairs, polychlorinated biphenyls [PCBs] identified in caulking material, and other universal waste and miscellaneous hazardous waste articles) and demolition of existing warehouse in order to prepare the site for remediation (see Appendix B for hazardous materials survey and demolition plans)
- Construction of the SOE system to facilitate the Track 1 remediation
- Excavation, stockpiling, off-site transport, and disposal of about 12,000 cubic yards of historic fill and native soil that exceeds UU SCOs. The maximum elevation at which soil exceeding the UU SCOs is present is about el -4.5 (about 26 feet below cellar grade in the southwestern part of the site). Material that exceeds UU SCOs will be excavated.
- Decommissioning and removal of one registered 3,000-gallon AST and any additional USTs identified during earthwork
- Collection and analysis of bottom confirmation soil samples to confirm UU SCOs are achieved
- Dewatering and treatment, as necessary, to accommodate the removal of material that exceeds UU SCOs and to facilitate SOE installation and foundation construction
- Backfilling of remediated areas to development sub-grade with certified-clean material (i.e., material meeting UU SCOs), virgin stone, or recycled concrete aggregate (RCA)
- Reuse of site soil meeting UU SCOs
- Development and implementation of a HASP and CAMP for the protection of on-site workers, the community, and the environment during the remediation phase of development

The Alternative I remediation extent is shown on Figure 7 and is based on data presented in the RIR. The requirements for each of the Alternative I tasks are described below.
Fill and Soil Removal

SVOCs, metals, PCBs, and pesticides were detected in historic fill at concentrations that exceed the UU SCOs. In addition, metals were reported in native soil at concentrations that exceed the UU SCOs. To achieve Track 1, soil removal and disposal will extend from surface grade to elevations ranging from el 1.5 to -4.5 (24.5 to 27.5 feet below sidewalk grade) in the western part of the site and to bedrock in the eastern part of the site (about el 5 or 18 feet below sidewalk grade). The estimated volume of material requiring removal and off-site disposal for a Track 1 cleanup is about 12,000 cubic yards. This estimate is based on vertical excavation limits derived from the laboratory analytical results presented in the RI.

To accommodate removal of soil that exceeds UU SCOs and construction of the SOE system, excavation will potentially extend below the water table across the site footprint; therefore, installation of a dewatering system may be required.

Tank Removal

One 3,000-gallon AST was observed during the Phase I ESA site reconnaissance and geophysical survey. The AST and any encountered USTs and/or associated appurtenances (e.g., fill lines, vent line, and electrical conduit) will be decommissioned and disposed of off-site during site redevelopment in accordance with DER-10, 6 NYCRR Part 613.9, NYSDEC Commissioner’s Policy (CP)-51, and other applicable NYSDEC UST closure requirements. Any impacted soil, if encountered, will be excavated, stockpiled separately, characterized, and disposed of off-site at a permitted facility. Following removal of any UST and associated grossly-impacted soil, if encountered, confirmation soil samples will be collected from the base and sidewalls of the excavation in accordance with DER-10. If the excavation is enlarged horizontally beyond the dimensions of the tank, additional confirmation soil samples will be collected as required. Following removal of the AST and any encountered USTs, the NYSDEC PBS registration will be updated. Closure documentation, such as contractor affidavits, bills of lading for sludge disposal, and tank disposal receipts, will be provided as appendices in the Final Engineering Report (FER).

Confirmation Soil Sampling

Per NYSDEC DER-10, confirmation soil samples will be collected from the excavation base at a frequency of one per 900 square feet. Sidewall samples will not be collected from the site perimeter because excavation will extend across the site footprint and SOE measures (e.g., sheeting and lagging) will preclude access to soil sidewalls. In the eastern part of the site, removal of bedrock will be required to reach development grade. In areas where soil is
excavated to bedrock, confirmation soil samples will not be collected from the base of excavation. An estimated 12 confirmation soil samples, plus QA/QC samples, will be collected to confirm remedial performance and will be analyzed for the Part 375 list of VOCs, SVOCs, PCBs, pesticides, cyanide, and metals including hexavalent and trivalent chromium. A reduced-frequency endpoint sampling plan may be proposed, with supporting rationale, in accordance with DER-10 Section 1.6. Proposed confirmation endpoint sample locations are shown on Figure 8.

Over-excavation will be completed, as practicable, to remove soil that does not comply with the UU SCOs. In areas of over-excavation, additional confirmation samples will be required. Sidewall samples will be collected at a frequency of one sample per 30 linear feet of sidewall and bottom samples will be collected from the excavation base at a frequency of one sample per 900 square feet. Off-site excavation is not required.

**Excavation Dewatering and Treatment**

Dewatering of groundwater may be required to accommodate excavation of soil that exceeds UU SCOs and construction of the SOE system. The Contractor will be responsible for dewatering in accordance with applicable NYCDEP and NYSDEC regulations. Treatment of dewatering fluids may be required to reduce contaminant concentrations below NYCDEP/NYSDEC effluent limitations prior to discharge. The dewatering and treatment system will be designed by the Contractor’s NYS-licensed Professional Engineer.

**Excavation Backfill**

Areas of the site requiring over-excavation to achieve Track 1 cleanup standards will be backfilled to development grade (i.e., the grade required to complete construction of the foundation components). An estimated 1,000 cubic yards of import material will be required to raise the site to development grade upon completion of the Track 1 remediation. Excavation backfill will comply with 6 NYCRR Part 375-6.7(d) and NYSDEC DER-10 Section 5.4(e), Table 5.4(e)10, and Appendix 5.

Imported material will consist of clean fill that meets the UU SCOs or other acceptable fill material such as virgin stone from a quarry or RCA. If RCA is imported to the site, it will come from a NYSDEC-registered facility in compliance with 6 NYCRR Part 360 registration and permitting requirements for the period of RCA acquisition. RCA imported from compliant facilities will not require chemical testing, unless required by NYSDEC under its terms for operation of the facility. Imported RCA must be derived from recognizable and uncontaminated
concrete (less than 10% by weight passing through a No. 10 sieve). RCA is not acceptable for, and will not be used as, site cover or drainage material.

On-Site Worker, Public Health, and Environmental Protection

A site-specific HASP is appended to this RAWP (Appendix C) and will be enforced during excavation and foundation construction to protect on-site workers from accidents and acute and chronic exposures to the identified contaminated media. Public health will be protected by implementing and enforcing dust, odor, and organic vapor control and monitoring procedures included in the CAMP. The CAMP will include continuous perimeter monitoring of dust and organic vapor using DustTrak aerosol monitors and PIDs capable of recording data and calculating 15-minute averages. A field engineer, scientist, or geologist will monitor site perimeters for visible dust and odors. The environment will be protected by implementing and enforcing the appropriate soil erosion prevention measures.

3.2 Alternative II – Technical Description

Alternative II, a Track 2 remedy, will include the following tasks:

- Abatement of hazardous materials (including asbestos-containing materials [ACM] identified in pipes, doors, and tiles, lead-based paint [LBP] identified on stairs, polychlorinated biphenyls [PCBs] identified in caulking material, and other universal waste and miscellaneous hazardous waste articles) and demolition of existing warehouse in order to prepare the site for remediation (see Appendix B for hazardous materials survey and demolition plans)
- Construction of the support of excavation (SOE) system to facilitate the Track 2 remediation
- Excavation, stockpiling, off-site transport, and disposal of historic fill and native soil that exceeds RRU SCOs - Excavation across the site footprint to el 1.5 (depths ranging from about 20 to 30 feet below grade) will be required. Remedial excavation will be conducted in conjunction with construction of the SOE system and foundation components.
- Decommissioning and removal of one registered 3,000-gallon AST and any additional USTs identified during earthwork
- Collection and analysis of bottom confirmation soil samples to confirm Track 2 SCOs are achieved (except where bedrock is encountered)
• Placement of a post-excavation demarcation barrier in areas not covered with impermeable surfaces, if any

• Completion of a topographic survey of either the confirmation sample locations or final excavation sub-grade

• Dewatering and treatment, if necessary, to accommodate remediation to Track 2 standards and to facilitate SOE installation and foundation construction

• Installation of a vapor barrier/waterproofing membrane

• Reuse of site soil meeting RRU SCOs

• Development and implementation of a HASP and CAMP for the protection of on-site workers, the community, and the environment during the remediation phase of development

• Establishment of use restrictions including prohibitions on the use of groundwater from the site and prohibitions on sensitive site uses, such as farming or vegetable gardening, to eliminate future exposure pathways

• Establishment of an approved Site Management Plan (SMP) to ensure long-term management of engineering and institutional controls, including the performance of periodic inspections and certification that the controls are performing as they were intended

• Recording of an Environmental Easement (EE) to memorialize the remedial action and the engineering and institutional controls to ensure that future owners of the site continue to maintain these controls as required

The Alternative II remediation extent is shown on Figure 9 and is based on data presented in the RIR and the proposed development plans. The requirements for each of the Alternative II tasks are described below.

Fill and Soil Removal

Abatement of hazardous materials and demolition of the existing warehouse will be required to prepare the site for the remedial excavation. SVOCs, metals, PCBs, and pesticides were detected in historic fill at concentrations above the RRU SCOs. In addition, metals were reported in native soil at concentrations that exceed the RRU SCOs. To achieve Track 2 and accommodate construction of the SOE system, excavation will extend from surface grade down to about el 1.5 in the western part of the site and into bedrock in the eastern part of the site (about el 5). The estimated volume of material requiring removal and off-site disposal for a
Track 2 cleanup is about 11,000 cubic yards. This estimate is based on the vertical excavation limits of the proposed development plans. Excavation to development grade may extend below the water table across the site footprint; therefore, installation of a dewatering system may be required.

**AST Removal**

One 3,000-gallon AST was observed during the Phase I ESA site reconnaissance and geophysical survey. The AST and any encountered USTs and/or associated appurtenances (e.g., fill lines, vent line, electrical conduit, etc.) will be decommissioned and disposed of off-site during site redevelopment in accordance with DER-10, 6 NYCRR Part 613.9, NYSDEC Commissioner’s Policy (CP)-51, and other applicable NYSDEC UST closure requirements. Grossly impacted soil, if encountered, will be excavated, stockpiled separately, characterized, and disposed of off-site at a permitted facility. Following removal of any UST and associated grossly-impacted soil, if encountered, confirmation soil samples will be collected from the base and sidewalls of the excavation in accordance with DER-10. If the excavation is enlarged horizontally beyond the dimensions of the tank, additional confirmation soil samples will be collected as required. Following removal of the AST and any encountered USTs, the NYSDEC PBS registration will be updated. Closure documentation, such as contractor affidavits, bills of lading for sludge disposal, and tank disposal receipts, will be provided as appendices in the FER.

**Confirmation Soil Sampling**

Per NYSDEC DER-10, confirmation soil samples will be collected from the excavation base at a frequency of one per 900 square feet. Sidewall samples will not be collected from the site perimeter, because the excavation will extend across the site footprint and SOE measures (e.g., sheeting and lagging) will preclude access to soil sidewalls. In the eastern part of the site, removal of bedrock will be required to reach development grade. In areas where soil is excavated to bedrock, confirmation soil samples will not be collected from the base of excavation. An estimated 12 confirmation soil samples, plus QA/QC samples, will be collected to confirm compliance with Track 2 SCOs and will be analyzed for the Part 375 list of VOCs, SVOCs, PCBs, pesticides, cyanide, and metals including hexavalent and trivalent chromium. A reduced-frequency endpoint sampling plan may be proposed, with supporting rationale, in accordance with section 1.6 of DER-10. The confirmation sample locations will be surveyed by a NYS-licensed surveyor in areas without a demarcation barrier. Off-site excavation is not required.
Excavation Dewatering and Treatment

Dewatering of groundwater will be required to accommodate excavation of soil that exceeds UU SCOs. The remediation contractor will be responsible for dewatering in accordance with applicable NYCDEP and NYSDEC regulations. Treatment of dewatering fluids may be required to reduce contaminant concentrations below NYCDEP/NYSDEC effluent limitations prior to discharge. The dewatering and treatment system will be designed by the Contractor’s NYS-licensed Professional Engineer.

Vapor Barrier/Waterproofing Membrane

A vapor barrier/waterproofing membrane will be installed that will serve to mitigate potential soil vapor intrusion from off-site sources into the planned building. To mitigate potential exposure, a vapor barrier membrane will be installed under the slab of the entire proposed building. The vapor barrier membrane will be a minimum 20 mil thickness and will be compatible with residual petroleum and CVOC contaminants.

Demarcation Barrier

After soil removal and prior to backfilling with clean imported material in any areas that will not be covered with an impermeable surface (e.g., landscaping areas), a land survey will be performed by a NYS-licensed surveyor. The survey will define the top elevation of residual contaminated soil. A physical demarcation layer, consisting of orange snow fence or equivalent material will be placed on this surface to provide a visual reference. This demarcation layer will constitute the top of the zone that requires adherence to special conditions for disturbance of contaminated residual soil defined in the SMP. The survey will measure the grade covered by the demarcation layer before the placement of cover soil, pavement and sub-soil, structures, or other materials. This survey and the demarcation layer placed on this grade surface will constitute the physical and written record of the upper surface of restricted-use soil in the SMP. A map showing the survey results will be included in the FER and SMP.

Institutional Controls

An Environmental Easement will be recorded to impose the institutional and engineering controls that are part of the selected remedy and which will be binding upon all subsequent owners and occupants of the property. The institutional controls will restrict the site’s use to restricted-residential use and include notice-of-use restrictions regarding excavation requirements related to site soil. The engineering controls that will be included in the
easement will include maintenance of the composite cover system described in this alternative and proper soil management during excavation work.

**On-Site Worker, Public Health, and Environmental Protection**

A site-specific HASP is appended to this RAWP (Appendix C) and will be enforced during excavation and foundation construction to protect on-site workers from accidents and acute and chronic exposures to the identified contaminated media. Public health will be protected by implementing and enforcing dust, odor, and organic vapor control and monitoring procedures included in the CAMP. The CAMP will include continuous perimeter monitoring of dust and organic vapor using DustTrak aerosol monitors and PIDs capable of recording data and calculating 15-minute averages. A field engineer, scientist, or geologist will monitor site perimeters for visible dust and odors. The environment will be protected by implementing and enforcing the appropriate soil erosion prevention measures.

### 3.3 Evaluation of Remedial Alternatives

The following is an evaluation of the proposed remedy based on the BCP remedy evaluation criteria listed below. The first two criteria are considered “threshold criteria” and the remaining criteria are “balancing criteria”. A remedial alternative must meet the threshold criteria to be considered and evaluated further under the balancing criteria.

- Protection of human health and the environment
- Compliance with standards, criteria, and guidance (SCG)
- Short-term effectiveness and impacts
- Long-term effectiveness and permanence
- Reduction of toxicity, mobility, or volume of contaminated material
- Implementability
- Cost effectiveness
- Community acceptance
- Land use

#### 3.3.1 Protection of Human Health and the Environment

**Alternative I** – The remedy will mitigate exposure pathways from on-site contaminated media. Remediating the site to Track 1 standards will result in the removal of all on-site soil that
exceeds Track 1 UU SCOs. The 3,000-gallon AST and other tanks encountered would be decommissioned, removed, and disposed of off-site. The RAOs for public health and environmental protection will be met through the removal of contaminated media at the site, which will eliminate the possibility for ingestion, inhalation, or dermal contact. Since no engineering or institutional controls will be required for this remedy to maintain the site in the future, this remedy is the most protective of human health and the environment.

Alternative II – The Track 2 remedy will provide similar overall protection to public health and the environment as Alternative I. Remediating the site to Track 2 standards will result in the removal of all on-site soil that exceeds RRU SCOs. In addition, groundwater in New York City is not used as a source of drinking water.

Public health will be protected during remediation under both remedial alternatives by implementing and enforcing dust, odor, and organic vapor control and monitoring procedures when needed. The environment will be protected by implementing and enforcing soil management controls when needed during future site excavation and any other institutional and engineering controls by implementation of the SMP and through enforcement of the EE.

3.3.2 Compliance with Standards, Criteria, and Guidance

Alternative I – Remediating the site to Track 1 SCOs will comply with all applicable SCGs listed in Section 4.4.1 because of the removal of all impacted on-site materials.

Alternative II – This remedy was designed to meet the requirements of a Track 2 cleanup including RRU SCOs. Remediation includes removal of site material to achieve Track 2 cleanup objectives, as set forth in DER-10, CP-51, and 6 NYCRR Part 375. Alternative II also complies with the restricted SCGs, but requires future site management through an SMP and EE.

Both remedial alternatives will comply with SCGs that involve protection of human health and the environment by implementing and enforcing a site-specific HASP during the remedy. Occupational Safety and Health Administration (OSHA) requirements for on-site construction safety will be followed by any site contractors performing work under Alternatives I or II.

3.3.3 Short-Term Effectiveness and Impacts

Alternative I – The most significant short-term adverse impacts and risks to the community will be the potential complications and risk involved with designing and constructing SOE and underpinning for the building and structures adjoining the site. Truck traffic and operational noise levels will be necessary to haul out the impacted material excavated to achieve Track 1
standards and to haul in the backfill required to bring the site to construction grade. The operation is estimated to require 480 25-cubic-yard capacity truck trips to haul soil for export and import. Truck traffic will be routed on the most direct course using major thoroughfares where possible and flaggers will be used to protect pedestrians at site entrances and exits. Waiting times associated with analysis of confirmation sampling and resampling may delay construction, leaving soil exposed for a longer time resulting in a potential increase in dust, odors, and/or organic vapor from the excavation and construction-related noise. The effects of these potential adverse impacts to the community, workers, and the environment will be minimized by implementing the respective control plans. Alternative II – Limiting the required excavation depths based on Track 2 standards will marginally reduce the duration of the excavation and associated risks. Alternative II will require marginally less truck trips than Alternative I (an estimated 400 25-cubic-yard capacity truck trips, which is 80 less trips than Alternative I, to haul soil for export and import). Excavation activities will have a shorter duration compared to Alternative I, reducing potential exposure to dust, odors, and organic vapor from the excavation and construction-related noise.

Under both remedial alternatives, dust will be controlled by the on-site application of water spray as needed. Engineering controls, such as slowing the pace of work, applying foam suppressant, and/or covering portions of the excavation will be used to minimize vapors and suppress odors when required. Work will be modified or stopped according to the action levels defined in the CAMP. Therefore, even though Alternative I has more short term impacts, these impacts can be properly mitigated, and a higher level of remediation can be achieved long term.

3.3.4 Long-Term Effectiveness and Permanence

Alternative I – The Track 1 remedy will remove all soil exceeding UU SCOs. Residual contaminated groundwater would be treated via dewatering, ex-situ treatment (if needed), and natural attenuation. In addition, groundwater in this area of New York City is not used for drinking water. Because an Environmental Easement and SMP are not required as part of the Track 1 remedy, Article 141 of the NYSDOH code will be relied upon to prevent ingestion of groundwater, which prohibits potable use of groundwater without prior approval. Future site use will be unrestricted; therefore, the long-term effectiveness of this remedy will eliminate environmental risks and satisfy the objectives of this criterion.

Alternative II – The risks associated with leaving minimal contaminated soil in place will be minimized because potential exposure pathways to contaminated soil will be eliminated via the Track 2 remedy. The Track 2 remedy will remove contaminated soil exceeding RRU SCOs. In addition, groundwater in this area of New York City is not used for drinking water. The
potential exposure to soil vapor intrusion will be prevented by installation of a vapor barrier/waterproofing membrane. In addition, groundwater in this area of New York City is not used for drinking water. Institutional controls will be implemented to limit site use to restricted-residential use. The long-term effectiveness of this remedy will eliminate risks and satisfy the objectives of this criterion.

### 3.3.5 Reduction of Toxicity, Mobility, or Volume of Contaminated Material

**Alternative I** – The Track 1 remedy will permanently and significantly reduce the toxicity, mobility, and volume of contamination through excavation and off-site disposal of all soil exceeding UU SCOs, and dewatering, treatment (if necessary), and discharge of groundwater to the New York City sewer system. Therefore, this remedy provides the highest level of toxicity, mobility and volume reduction of contaminated material.

**Alternative II** – The Track 2 remedy will also significantly reduce the toxicity, mobility, and volume of contaminated material by removing the vast majority of the contaminated soil exceeding the UU SCOs and all soil exceeding RRU SCOs, but minor levels of contamination above the UU SCOs will remain.

### 3.3.6 Implementability

**Alternative I** – Implementing a Track 1 remedy will be technically challenging because of SOE and, if required, dewatering requirements associated with protection of the neighboring buildings and streets; however, the SOE hardship is not significant as it will extend about 5 feet beyond that which is required for construction. This remedy will consist primarily of excavation with standard bucket excavators. The availability of local contractors, personnel, and equipment suitable to working in a structurally challenging environment is high due to the frequency of this type of remediation in the region. While there are minor schedule extensions and additional costs associated with the excavation of an additional 1,000 cubic yards of soil and SOE installation, the cost is marginal compared to the benefit of achieving an unrestricted use remediation and elimination of long-term engineering and institutional controls. This alternative is considered feasible.

**Alternative II** – The technical feasibility of implementing the Alternative II remedy is similar to Alternative I as significant excavation is still required to achieve the Track 2 RRU SCOs. This alternative will consist mostly of excavation with standard bucket excavators. The availability of local contractors, personnel, and equipment suitable to working in a structurally challenging environment is high due to the frequency of this type of remediation in the region.
3.3.7 Cost Effectiveness

**Alternative I** – Based on the assumptions detailed for Alternative I, the estimated remediation cost of a Track 1 cleanup is approximately $10.2 million. Because the site will be remediated to UU SCOs, there are no long-term operation, maintenance, or monitoring costs associated with the proposed remedy. Table 1 details the individual cost components used to arrive at this cost estimate. Alternative I is the most cost effective alternative.

**Alternative II** – Based on the assumptions detailed for Alternative II, the estimated remediation cost to achieve a Track 2 cleanup is approximately $10.5 million. This alternative is more costly over the long term than a Track 1 remedy because of long-term implementation and verification of the institutional and engineering controls (e.g., a vapor barrier and Environmental Easement). In addition, an SMP will be required to assure compliance with the remediation goals and objectives. Table 2 outlines the individual cost-components used to arrive at this cost estimate.

3.3.8 Community Acceptance

Both remedial alternatives should be acceptable to the community because the potential exposure pathways to on-site contamination will be addressed upon completion of the respective remedies and the site will be remediated to allow for a higher level use. The selected remedy will be subject to a 45-day public comment period in accordance with the Citizen Participation Plan (CPP), included as Appendix D. Any substantive public comments received will be addressed before the remedy is approved.

3.3.9 Land Use

The current, intended, and reasonably anticipated future mixed residential and commercial land use of the site and its surroundings are compatible with both remedial alternatives. The proposed development will include construction of a mixed-use commercial and residential building with two cellar levels. The site borders warehouses that are generally vacant or used for light manufacturing or commercial purposes. Mid- and high-rise mixed-use commercial/residential and multiple-story commercial and institutional buildings are located farther north, south, and east of the site. The Harlem River is about 670 feet west of the site.

3.4 Selection of the Preferred Remedy

Both alternatives will be protective of human health and the environment and meet the remedy selection criteria. Alternative I achieves all of the remedial action goals established for the redevelopment project, and is effective in the short-term. Alternative I effectively reduces
contaminant mobility and toxicity and is a superior alternative in the reduction of contaminant toxicity and volume. Alternative I is more effective in the long-term because it achieves unrestricted land use that is free of long-term site management, engineering controls, an Environmental Easement, and associated future costs that would be required under Alternative II. The Alternative I remedy is feasible because the extended excavation depths will not cost that much more than the Track 2 remedial alternative.

Alternative I is preferred over Alternative II if it can be feasibly and practically implemented at a similar cost while providing greater overall protection to human health and the environment. Therefore, Alternative I is the recommended remedial alternative for this site. However, if this Alternative is not achievable, Alternative II is similarly protective of human health and the environment. If institutional and engineering controls are required, these controls should be easily implementable long term pursuant to an SMP and EE.

Figure 7 depicts the Alternative I cleanup plan.

3.4.1 Zoning

The current site use conforms to applicable zoning laws and maps, as does the reasonably anticipated future mixed commercial and residential use of the site.

3.4.2 Applicable Comprehensive Community Master Plans or Land Use Plans

The site is within the bounds of the Lower Concourse Special Mixed Use Paired District and the proposed development is consistent with community land use plans.

3.4.3 Surrounding Property Uses

The current, intended, and reasonably anticipated future land use of the site and its surroundings are compatible with the selected remedy. The reasonably anticipated future use of the site and the use of its surroundings have been documented by the Volunteer. The construction of a mixed-use commercial/residential development conforms to recent development patterns in the area.

3.4.4 Citizen Participation

The CPP is discussed in Section 4.1.9.
3.4.5 Environmental Justice Concerns

Per the “Potential Environmental Justice Areas in Southwest Bronx County, New York” map, the site is not located in a potential environmental justice area.

3.4.6 Land Use Designations

There are no federal or state land use designations.

3.4.7 Population Growth Patterns

The population growth patterns and projections support the current and reasonably anticipated future land use.

3.4.8 Accessibility to Existing Infrastructure

The site is accessible to existing infrastructure.

3.4.9 Proximity to Cultural Resources

The site is not in close proximity to a registered landmark.

3.4.10 Proximity to Natural Resources

With the exception of the Harlem River, approximately 0.1 miles west of the site, the site is not located in close proximity to important federal, state, or local natural resources including waterways, wildlife refuges, wetlands, and critical habitats of endangered or threatened species. The nearest ecological receptor is the Harlem River, which is located about 670 feet to the west.

3.4.11 Off-Site Groundwater Impacts

Municipal water supply wells are not present in this area of New York City; therefore, groundwater from the site cannot affect municipal water supply wells or recharge areas.

3.4.12 Proximity to Floodplains

According to the National Flood Insurance Rate Map for the City of New York published by the Federal Emergency Management Agency (FEMA) Community Panel No. 3604970083F, dated September 5, 2007), the site is located within Zone X, which is designated for areas of 0.2 percent annual chance flood; areas of one percent annual chance flood with average depths of
less than one foot or with drainage areas less than one square mile; and areas protected by levees from one percent annual chance flood.

### 3.4.13 Geography and Geology of the Site

The site geology is described in Section 2.4.

### 3.4.14 Current Institutional Controls

As part of the June 2009 Lower Concourse Rezoning, the site was E-Designated for hazardous materials and noise (E-227 and CEQR No. 08DCP071X).

### 3.5 Summary of the Selected Remedial Action

The selected remedy will include the following:

- Abatement of hazardous materials (including asbestos-containing materials [ACM] identified in pipes, doors, and tiles, lead based paint [LBP] identified on stairs, polychlorinated biphenyls [PCBs] identified in caulking material, and other universal waste and miscellaneous hazardous waste articles) and demolition of existing warehouse in order to prepare the site for remediation
- Construction of the support of excavation (SOE) system to facilitate the Track 1 remediation
- Excavation, stockpiling, off-site transport, and disposal of about 12,000 cubic yards of historic fill and native soil that exceeds UU SCOs. The maximum elevation at which soil exceeding the UU SCOs is present is about el -4.5 (about 26 feet below cellar grade in the southwestern part of the site). Material that exceeds UU SCOs will be excavated.
- Decommissioning and removal of one registered 3,000-gallon AST and any additional USTs identified during earthwork
- Collection and analysis of bottom confirmation soil samples to confirm UU SCOs are achieved
- Dewatering and treatment, as necessary, to accommodate the removal of material that exceeds UU SCOs and to facilitate SOE installation and foundation construction
- Backfilling of remediated areas to development sub-grade with certified-clean material (i.e., material meeting UU SCOs), virgin stone, or RCA
- Reuse of site soil meeting UU SCOs.
• Development and implementation of a HASP and CAMP for the protection of on-site workers, the community, and the environment during the remediation phase of development

Remedial activities will be performed in accordance with this RAWP, and the Department-issued Decision Document. Deviations from the RAWP and/or Decision Document will be promptly reported to the NYSDEC for approval and fully explained in the FER.
4.0 REMEDIAL ACTION PROGRAM

4.1 Governing Documents

The primary documents governing the remedial action are summarized in this section.

4.1.1 Standards, Criteria and Guidance

The following standards, criteria, and guidance are typically applicable to Remedial Action projects in New York State, and will be consulted and adhered to as applicable:

- 6 NYCRR Part 371 – Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 372 – Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities
- 6 NYCRR Subpart 373-4 – Facility Standards for the Collection of Household Hazardous Waste and Hazardous Waste from Conditionally Exempt Small Quantity Generators
- 6 NYCRR Subpart 374-1 – Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities
- 6 NYCRR Subpart 374-3 – Standards for Universal Waste
- 6 NYCRR Part 375 – Environmental Remediation Programs
- 6 NYCRR Part 376 – Land Disposal Restrictions
- 6 NYCRR Part 750 – State Pollutant Discharge Elimination System (SPDES) Permits
- 12 NYCRR Part 56 – Industrial Code Rule 56 (Asbestos)
- CP-43 – Commissioner Policy on Groundwater Monitoring Well Decommissioning (December 2009)
- DER-23 – Citizen Participation Handbook for Remedial Programs (March, 2010)
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006)
- TOGS 1.1.1 – Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
• USEPA OSWER Directive 9200.4-17 – Use of Monitored Natural Attenuation at Superfund, Resource Conservation and Recovery Act (RCRA) Corrective Action, and Underground Storage Tank Sites (December 1997)

• Screening and Assessment of Contaminated Sediment (Division of Fish, Wildlife and Marine Resources, June 2014)

4.1.2 Site-Specific Health & Safety Plan

The Remedial Engineer (RE) prepared a site-specific HASP (Appendix C). The HASP will apply to all remedial and construction-related work on site. The HASP provides a mechanism for establishing on-site safe working conditions, safety organization, procedures, and PPE requirements during implementation of the remedy. The HASP meets the requirements of 29 CFR 1910 and 29 CFR 1926 (which includes 29 CFR 1910.120 and 29 CFR 1926.65, respectively). The HASP includes, but is not limited to, the following components:

• Organization and identification of key personnel
• Training requirements
• Medical surveillance requirements
• List of site hazards
• Excavation safety
• Drill rig safety
• Work zone descriptions and monitoring procedures
• Personal safety equipment and PPE requirements
• Decontamination requirements
• Standard operating procedures
• Contingency plan
• CAMP
• Safety data sheets (SDS)

The Volunteer and associated parties preparing the remedial documents submitted to the State and those performing the construction work are responsible for the preparation of a HASP and for performance of the work according to the HASP and applicable laws.
The HASP and requirements defined in this RAWP pertain to remedial and ground-intrusive work performed at the site until the issuance of a Certificate of Completion. The Site Safety Coordinator will be William Bohrer, a resume for whom is included in Appendix E. If required, confined space entry will comply with OSHA requirements to address the potential risk posed by combustible and toxic gasses.

4.1.3 Quality Assurance Project Plan

The RE prepared a Quality Assurance Project Plan (QAPP) that describes the quality control components that will ensure that the proposed remedy accomplishes the remedial goals and RAOs and is completed in accordance with the design specifications. The QAPP is provided as Appendix F and includes:

- Responsibilities of key personnel and their organizations for the proposed remedy
- Qualifications of the quality assurance officer
- Sampling requirements including methodologies, quantity, volume, locations, frequency, and acceptance and rejection criteria
- Description of the reporting requirements for quality assurance activities including weekly quality assurance review reports, periodic quality assurance and quality control audits, and other report and data submissions

4.1.4 Construction Quality Assurance Plan

The RE prepared a Construction Quality Assurance Plan (CQAP) that describes the quality control components employed so that the proposed remedy accomplishes the remedial goals and RAOs and is completed in accordance with the design specifications. Because the remedy is being accomplished through building construction, the Contractor and Construction Manager will have the primary responsibility to provide construction quality. The CQAP procedures are discussed below in Section 4.2.1.

4.1.5 Soil/Materials Management Plan

The RE prepared a Soil/Materials Management Plan (SMMP) that includes detailed plans for managing soils/materials that are disturbed at the site, including excavation, handling, storage, transport and disposal. The SMMP also includes controls that will be applied to these efforts to facilitate effective, nuisance-free performance in compliance with applicable federal, state and local laws and regulations (see Section 5.4).
4.1.6 Stormwater Pollution Prevention Plan

Erosion and sediment controls will be implemented as necessary in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control. Best management practices for soil erosion and sediment control will be selected to minimize erosion and sedimentation off-site from the onset of remediation to the completion of development. Stormwater pollution prevention will be implemented as described below in Section 5.4.10. A Stormwater Pollution Prevention Plan (SWPPP) is not necessary because the project will disturb less than one acre, and stormwater discharge will be to a combined sewer in accordance with the New York City generic stormwater pollution discharge elimination system (SPDES) permit.

4.1.7 Community Air Monitoring Program

A CAMP was prepared for the site as part of the HASP (Appendix C of this RAWP). The CAMP is detailed in Section 5.4.12 below.

4.1.8 Contractors Site Operations Plan

The RE will review plans and submittals for this remedial project (including those listed above and contractor and subcontractor document submittals) and will confirm that plans and submittals are in compliance with this RAWP. The RE is responsible to ensure that later document submittals for this remedial project, including contractor and sub-contractor document submittals, are in compliance with this RAWP. Remedial documents, including contractor and subcontractor document submittals, will be submitted to the NYSDEC and NYSDOH in a timely manner and prior to the start of work associated with the remedial document.

4.1.9 Citizen Participation Plan

Fact Sheets describing the Remedial Action proposed in the RAWP will be distributed through DEC Delivers, the NYSDEC’s email listserv service. Additional Fact Sheets will be distributed to announce 1) the completion of the Remedial Action with a summary of the FER and 2) the issuance of the Certificate of Completion for the site.

No changes will be made to the approved Fact Sheets authorized for release by the NYSDEC without written consent of the NYSDEC. Other information, such as brochures and flyers, will not be included with the Fact Sheet mailing. The approved CPP for this project is included in Appendix D.
Document repositories were established at the following locations and contain the applicable project documents:

Bronx Community Board 1
Attn: George Rodriguez, Chair
3024 Third Avenue
Bronx, New York 10455
Phone: (718) 585-7117

New York Public Library – Mott Haven
321 East 140th Street
Bronx, New York 10454
Phone: (718) 665-4878

Hours (Call to verify):
  Monday - Thursday: 10:00 a.m. to 7:00 p.m.
  Friday: 10:00 a.m. to 5:00 p.m.
  Saturday: 10:00 a.m. to 5:00 p.m.
  Sunday: Closed

4.2  General Remedial Construction Information

4.2.1  Project Organization

This section presents the anticipated project organization and associated roles, including key personnel, descriptions of duties, and lines of authority in the management of this RAWP. The following project personnel are anticipated for oversight of the RAWP implementation. Project personnel resumes are provided in Appendix E.

Remediation Engineer (RE): Jason J. Hayes, P.E.
Project Manager: Brian Gochenaur, QEP
Langan Health & Safety Manager: Tony Moffa, CHMM
Health & Safety Officer: William Bohrer
Qualified Environmental Professional: Ryan Manderbach, CHMM
Field Team Leader: Julia Leung, P.E.
Quality Assurance Officer: Michael Burke, P.G, CHMM

A field engineer, scientist, or geologist under the direct supervision of the Qualified Environmental Professional and the RE will be on-site during implementation of the RAWP to
monitor particulates and organic vapor in accordance with the CAMP. CAMP results that exceed specified action levels will be reported to the NYSDEC and NYSDOH in daily reports.

A field engineer, scientist, or geologist will meet with the Construction Superintendent on a daily basis to discuss the plans for that day and schedule upcoming activities. The field engineer, scientist, or geologist will document remedial activities in the daily report. This document will be forwarded to the Field Team Leader on a daily basis and to the Qualified Environmental Professional, Project Manager, and the RE on a weekly basis.

A field engineer, scientist, or geologist will screen excavations with a PID during ground-intrusive work. PID readings, including specifically elevated readings, will be recorded in the project field book (or on separate logs) and reported to the NYSDEC and NYSDOH in the daily reports. A field engineer, scientist, or geologist under the direct supervision of the Qualified Environmental Professional will collect confirmation samples from the base of excavation in accordance with this RAWP.

The project field book will be used to document sampling activities and how they correspond to this RAWP. Field observations and laboratory tests will be recorded in the project field book or on separate logs. Recorded field observations may take the form of notes, charts, sketches, and/or photographs. A photo log will be kept to document construction activities during remediation. The photo log may also be used to document those activities recorded in the daily reports.

The Field Team Leader will maintain the current field book and original field paperwork during performance of the remedy. Remedial activities will be documented in the monthly BCP progress reports. The Project Manager will maintain the field paperwork after completion and will maintain submittal document files.

4.2.2 Remediation Engineer (RE)

The RE for this project will be Jason J. Hayes, P.E. The RE is a registered professional engineer licensed by the State of New York. The RE will have primary direct responsibility for implementation of the remedial program at the site. The RE will certify in the FER that the remedial activities were observed by qualified environmental professionals under his supervision and that the remediation requirements set forth in this RAWP and any other relevant provisions of ECL 27-1419 have been achieved in accordance with the RAWP.

The RE will document the work of other contractors and subcontractors involved in aspects of the remedial construction, including soil excavation, stockpiling, confirmation sample collection,
air monitoring, emergency spill response services, import of backfill, and management of waste transport and disposal. The RE will be responsible for appropriate communication with the NYSDEC and NYSDOH.

The RE will review the pre-remedial plans submitted by contractors and subcontractors for compliance with this RAWP and will certify compliance in the FER. The RE will provide the certifications listed below in Section 8.1.

### 4.2.3 Remedial Action Construction Schedule

The remedial action construction schedule is discussed below in Section 9.0 and included in Appendix G. The NYSDEC will be promptly notified of proposed changes, delays, and/or deviations to the schedule.

### 4.2.4 Work Hours

The hours for operation of remedial construction will either conform to the requirements of the New York City Department of Buildings (NYCDOB) construction code or to a site-specific variance issued by the NYCDOB. The NYSDEC will be notified by the Volunteer of any variances issued by the NYCDOB. The NYSDEC reserves the right to deny alternate remedial construction hours.

### 4.2.5 Site Security

The site perimeter will be secured with gated, signed, plywood fencing with restricted points of entry in accordance with the NYCDOB and New York City Department of Transportation (NYCDOT) permits and requirements. The purpose of the fencing is to limit site access to authorized personnel, protect pedestrians from site activities, and maintain site security.

### 4.2.6 Traffic Control

Site traffic will be controlled through designated points of access along Gerard Avenue and East 144th Street. Access points will be continuously monitored and if necessary, a flagging system will be used to protect workers, pedestrians, and authorized guests. Traffic will also adhere to applicable local, state, and federal laws.

### 4.2.7 Contingency Plan

Contingency plans, as described below, have been developed to effectively deal with potential unexpected discovery of additional contaminated media or USTs.
Discovery of Additional Contaminated Soil

During remediation and construction, soil will be continuously monitored by the RE’s field representatives via visual, olfactory, and instrumental field screening techniques to identify additional soil that may not be suitable for disposal at the NYSDEC-approved disposal facility. If such soil is identified, the suspected impacts will be confirmed by collecting and analyzing samples in accordance with the NYSDEC-approved facility’s requirements. If the previously approved facility is not permitted to receive the impacted soil, the soil will be excavated to the extent practicable and disposed of off-site at a permitted facility that can receive the material based on the characterization data.

Identification of unknown or unexpected contaminated media identified by screening during ground-intrusive site work will be promptly communicated by phone and email to the NYSDEC Project Manager. These findings will be detailed in the daily reports and the subsequent monthly BCP progress report.

Discovery of USTs

If USTs are encountered during remedial activities, they will be decommissioned in accordance with 6 NYCRR Part 612.2 and 613.9 and NYSDEC DER-10 Section 5.5. Once the tank, its contents, and associated piping are removed, post-excavation soil samples will be collected per NYSDEC DER-10 requirements. If encountered, petroleum-impacted soils will be excavated, stockpiled separately, and disposed of off-site at a permitted facility in accordance with applicable regulations. UST closure documentation, including contractor affidavits, bills of lading for sludge disposal, and tank disposal receipts, will be included as appendices to the FER (see Section 8.0). NYSDEC PBS registration requirements will be complied with as necessary based on the type, number, and capacity of the discovered USTs.

If other previously unidentified contaminant sources are found during on-site remedial excavation or development-related construction, sampling will be performed on product, if encountered, and surrounding subsurface materials (e.g., soil, stone, etc.). Chemical analyses will include Part 375 VOCs, SVOCs, PCBs, pesticides, cyanide, and metals including trivalent and hexavalent chromium. Analyses will not be otherwise limited without NYSDEC approval.

If USTs are encountered during ground-intrusive site work, the findings will be promptly communicated by phone to the NYSDEC Project Manager, as well as, detailed in the appropriate daily report. These findings will also be included in the monthly BCP progress reports.
4.2.8 Worker Training and Monitoring

Worker training and monitoring will be conducted in accordance with the site-specific HASP, which is included in Appendix C.

4.2.9 Agency Approvals

The applicant has addressed all SEQRA requirements for this site. Permits or government approvals required for remedial construction will be obtained prior to the start of remedial construction. The planned end use for the site conforms to current zoning for the property as determined by New York City Department of City Planning. A Certificate of Completion will not be issued for the project unless conformance with the zoning designation is demonstrated. The site is E-Designated for hazardous materials and noise (E-227 and CEQR No. 08DCP071X). OER protocols and approvals must be satisfied prior to redevelopment and new building occupancy. Local, regional, and national governmental permits, certificates or other approvals or authorizations required to perform the remedial and development work will be acquired prior to the start of remediation.

A list of all local, regional and national governmental permits, certificates or other approvals or authorizations required to perform the remedial and development work is provided below:

- NYCDOB Demolition Permit (NYC Building Code) – NYCDOB: 212-566-5000
- NYCDOB New Building Permit (NYC Building Code) – NYCDOB: 212-566-5000

This list includes a citation of the law, statute or code to be complied with, the originating agency and phone number in that agency. Considering the system is online, direct contacts of reviewers are not provided. This list will be updated in the Final Engineering Report.

No remedial or construction work will be conducted in regulated wetlands or adjacent areas.

4.2.10 NYSDEC BCP Signage

A project sign will be erected at the main entrance to the Site prior to the start of any remedial activities. The sign will indicate that the project is being performed under the New York State Brownfield Cleanup Program. The sign will meet the detailed specifications provided by the NYSDEC Project Manager and contained in Appendix H.
4.2.11 Pre-Construction Meeting with the NYSDEC

Prior to the start of remedial construction, a meeting will be held between the NYSDEC, RE, Volunteer, Construction Manager, and remediation contractor to discuss project roles, responsibilities, and expectations associated with this RAWP.

4.2.12 Emergency Contact Information

An emergency contact sheet that defines the specific project contacts (with names and phone numbers) for use by NYSDEC and NYSDOH in the case of an emergency (day or night) is included in the HASP (Appendix C).

4.2.13 Remedial Action Costs

The total estimated cost of the Track 1 Remedial Action is $10.2 million. An itemized and detailed summary of estimated costs for the remedy is provided in Table 1.

4.3 Site Preparation

4.3.1 Mobilization

Prior to commencing remedial construction, the remediation contractor will mobilize to the site and prepare for remedial activities. Mobilization and site preparation activities may include the following:

- Identifying the location of aboveground and underground utilities (e.g., power, gas, water, sewer, and telephone), equipment, and structures as necessary to implement remediation
- Mobilizing necessary remediation personnel, equipment, and materials to the site
- Constructing one or more stabilized construction entrances consisting of non-hazardous material at or near the site exit, which takes into consideration the site setting and site perimeter
- Constructing an equipment decontamination pad for trucks, equipment, and personnel that come into contact with impacted materials during remediation
- Installing temporary fencing or other temporary barriers to limit unauthorized access to areas where remediation will be conducted
4.3.2 Monitoring Well Decommissioning

Existing groundwater monitoring wells will be properly decommissioned, in accordance with NYSDEC CP-43, when no longer required. The only exception to this is if the full length of the well is to be excavated during remediation and development. If required, well decommissioning will be performed by an experienced driller and logged by the driller and a Langan field engineer, scientist, or geologist. Decommissioning documentation will be provided in the FER.

4.3.3 Erosion and Sedimentation Controls

Since the planned earthwork activities will be below the adjacent sidewalk grade, full-time erosion and sedimentation measures are not anticipated. Best management practices for soil erosion will be selected and implemented, as needed, to minimize erosion and sedimentation off site.

4.3.4 Temporary Stabilized Construction Entrance(s)

Temporary stabilized construction entrances will be installed at the existing curb cuts along Gerard Avenue and East 144th Street. The entrances will be covered with gravel or RCA and graded so that runoff water will be directed on site. Vehicles exiting construction areas will be cleaned using clean water or dry brushing, as needed, to remove site soil from the tires and undercarriages. The Contractor will protect and maintain the existing sidewalks and roadways at both site access points.

4.3.5 Utility Marker and Easements Layout

The Volunteer and its contractors are solely responsible for the identification of utilities and/or easements that might be affected by work under this RAWP and implementation of the required, appropriate, or necessary health and safety measures during performance of the work under this RAWP. The Volunteer and its contractors are solely responsible for safe execution of the work performed under this RAWP. The Volunteer and its contractors must obtain the necessary local, state, and/or federal permits or approvals that may be required to perform the work detailed in this RAWP. Approval of this RAWP by the NYSDEC does not constitute satisfaction of these requirements.

4.3.6 Sheeting and Shoring

Appropriate management of the structural stability of on-site or off-site structures during site activities is the sole responsibility of the Volunteer and its contractors. The Volunteer and its
contractors are solely responsible for the safe execution of the work performed under this RAWP. The Volunteer and its contractors must obtain the necessary local, state, and/or federal permits or approvals that may be required to perform the work detailed in this RAWP. Additionally, the Volunteer and its contractors are solely responsible for the implementation of the required, appropriate, or necessary health and safety measures during performance of work conducted under this RAWP.

4.3.7 Equipment and Material Staging

The Contractor will notify the RE and the Volunteer, in writing with receipt confirmed, at least 30 calendar days in advance of pending site work mobilization. During mobilization, construction equipment will be delivered to the site, temporary facilities constructed, and temporary utilities installed. The Contractor will place and maintain temporary toilet facilities within the work areas for usage by all site personnel.

4.3.8 Decontamination Area

The contractor will construct decontamination pads at each site entrance/exit planned for construction vehicle usage. The location of decontamination pads may change periodically to accommodate the contractor’s sequencing of work. The pads will be constructed by the contractor to collect wastewater for off-site disposal or treatment and discharge, if generated during decontamination activities. The design will consider adequate space to decontaminate equipment and vehicles, and sloping and liners to facilitate collection of wastewater. Collected decontamination wastewater shall be either discharged in accordance with the contractor’s NYCDEP permit or tested and transported to an off-site disposal facility that is permitted to accept this waste, in accordance with applicable local, state and federal regulations.

If the contractor uses high pressure washing methods, the contractor shall provide splash protection around the vehicle decontamination facility. Splash protection shall minimize potential contamination from splatter and mist movement off site during the vehicle decontamination process. Splash protection shall be temporary and stable and capable of being dismantled in the event of high winds.

Accumulated truck rinsate and decontamination materials will be collected and commingled with other waste streams for discharge or disposal, as appropriate. The contractor will maintain the decontamination pad(s) throughout the duration of the remediation. Prior to demobilization, the contractor will deconstruct the pads and dispose of materials as required.
4.3.9 Site Fencing

The site perimeter will be secured with gated, signed, plywood fencing maintained by the Contractor. The purpose of the fencing is to limit site access to authorized personnel, protect pedestrians from site activities, and maintain site security.

4.3.10 Demobilization

After remediation and construction is completed, the Contractor will be responsible for demobilizing labor, equipment, and materials not designated for off-site disposal. The RE will document that the Contractor performs follow-up coordination and maintenance for the following activities:

- Removal of sediment and erosion control measures and disposal of materials in accordance with applicable rules and regulations
- Removal of remaining contaminated material or waste
- Equipment decontamination
- General refuse disposal

4.4 Reporting

Periodic reports and a FER will be required to document the remedial action. The RE responsible for certifying the reports will be an individual licensed to practice engineering in the State of New York; Jason J. Hayes, P.E. of Langan will have this responsibility. Should Mr. Hayes become unable to fulfill this responsibility, another suitably qualified NYS Professional Engineer will take his place. Daily and monthly reports will be included as appendices to the FER. In addition to the periodic reports and the FER, copies of the relevant contractor documents will be submitted to the NYSDEC.

4.4.1 Daily Reports

Daily reports will be submitted to the NYSDEC and NYSDOH Project Managers by the end of each day, or at a frequency acceptable to them, following the reporting period and will include:

- An update of progress made during the reporting day including a photograph log
- Locations of work and quantities of material imported and exported from the site
- References to an alpha-numeric map for site activities
- A summary of complaints with relevant details (names, phone numbers)
• A summary of CAMP findings, including exceedances
• An explanation of notable site conditions

Daily reports are not intended to be the primary mode of communication for notifying NYSDEC of emergencies (accident, spill), requests for changes to the RAWP, or other sensitive and/or time critical information. However, such conditions will still be included in the daily reports. Emergency conditions and changes to the RAWP will be addressed directly to the NYSDEC Project Manager via personal communication.

4.4.2 Monthly Reports

Monthly reports will be submitted to the NYSDEC and NYSDOH Project Managers by the tenth of the month following the reporting period. The monthly reports will include the following information, as well as, any additional information required by the BCA:

• Activities relative to the site during the previous reporting period and those anticipated for the next reporting period, including a quantitative presentation of work performed (i.e., tons of material exported and imported, etc.)
• Description of approved activity modifications, including changes of work scope and/or schedule
• Sampling results received following internal data review and validation, as applicable
• An update of the remedial schedule including the percentage of project completion, unresolved delays encountered or anticipated that may affect the future schedule, and efforts made to mitigate such delays

4.4.3 Other Reporting

Photographs of remedial activities will be taken and submitted to the NYSDEC in digital (JPEG) format. Photographs will illustrate the remedial program elements and will be of acceptable quality. Representative photographs of the site will be provided. Field photographs will be included in daily and monthly reports, as necessary, and a comprehensive photograph log will be included in the FER. Upon request, photographs will be submitted to the NYSDEC and NYSDOH Project Managers on CD or other acceptable electronic media. CDs will have a label and a general file inventory structure that separates photographs into directories and sub-directories according to logical Remedial Action components. A photograph log keyed to photo file ID numbers will be prepared to provide explanation for all representative photographs.
Site record keeping for all remedial work will be appropriately documented. These records will be maintained on site at all times during the project and will be available for inspection by NYSDEC and NYSDOH staff.

4.4.4 Complaint Management Plan

The management plan for documenting complaints is detailed below.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approach</td>
<td>Complaints regarding remediation or construction activities/operations to be minimized and mitigation measures implemented to reduce the incidence of complaints</td>
</tr>
<tr>
<td>Objective</td>
<td>Manage environmental complaints from the community regarding remediation</td>
</tr>
</tbody>
</table>
| Implementation Strategy/Mitigation Measures | Complaints will be documented on a complaint register. The register will be maintained as an ongoing record. Each entry will include the following information:  
  • Time, date, and nature of complaint  
  • Type of communication (telephone, letter, personal, etc.)  
  • Name, contact address, and contact number  
  • Response and investigation undertaken as a result of the complaint including action taken and signature of the responsible person  
  Each complaint will be investigated as soon as practicable in relation to the requirements. |
| Monitoring                    | A representative from the Volunteer will follow up on the complaint within two weeks of receipt to ensure it is resolved.                        |
| Reporting                     | Upon receipt and following complaint investigation and resolution, the NYSDEC will be notified. Complaint resolutions will be documented in daily reports and the monthly BCP progress report. |
| Corrective Action             | Should an incident of failure to comply occur in relation to the management of environmental complaints, one or more of the following corrective actions will be undertaken as appropriate:  
  • Conduct additional training of staff to handle environmental complaints  
  • Investigate why the environmental complaint was not addressed within the specified time frame  
  • Investigate complaint and action follow-up according to results of investigation |
4.4.5 Deviations from the RAWP

Necessary deviations from the RAWP will be coordinated with the NYSDEC in advance. Notification will be provided to the NYSDEC by telephone/email for conditions requiring immediate action (e.g., conditions judged to be a danger to the surrounding community). Based on the significance of the deviation, an addendum to this RAWP may be necessary and will include:

- Reasons for deviating from the approved RAWP
- Approval process to be followed for changes/editions to the RAWP
- Effect of the deviations on the overall remedy
5.0 REMEDIAL ACTION: MATERIAL REMOVAL FROM SITE

Remediation will include the following material removal tasks:

1. Excavation of historic fill and soil that exceeds UU SCOs from surface grade to elevations ranging from el 1.5 to -4.5 (24.5 to 27.5 feet below sidewalk grade) in the western part of the site and to bedrock in the eastern part of the site (about el 5 or 18 feet bgs).

2. Decommissioning and removal of one registered 3,000-gallon AST and any additional USTs identified during earthwork.

3. Implementation of dewatering and treatment, as necessary, in accordance with applicable local, state, and federal laws.

5.1 Soil Cleanup Objectives

Track 1 UU SCOs, which are listed in Table 3, will be attained for this site. Soil and materials management will be conducted in accordance with the SMMP as described below. Soil sample locations and results that exceed the Track 1 SCOs are shown on Figures 4A and 4B. Tank closures will conform to the criteria defined in NYSDEC DER-10.

5.2 Remedial Performance Evaluation (Confirmation Sampling)

5.2.1 Soil Sampling Frequency

One confirmation soil sample will be collected for every 900 square feet of excavation base in accordance with NYSDEC DER-10, or at an alternative frequency approved by NYSDEC. Sidewall samples will not be collected from the site perimeter because excavation will extend across the site footprint and support of excavation measures (e.g., sheeting, lagging) will preclude collection of sidewall samples. In the eastern part of the site, removal of bedrock will be required to reach development grade. In areas where soil is excavated to bedrock, confirmation soil samples will not be collected from the base of excavation. An estimated 13 confirmation soil samples, plus QA/QC samples, will be collected to confirm remedial performance.

5.2.2 Methodology

Confirmation soil samples will be collected from the base of the excavation in accordance with NYSDEC DER-10 to confirm remedial performance and will be analyzed for the Part 375 list of...
VOCs, SVOCs, PCBs, pesticides, cyanide, and metals including hexavalent and trivalent chromium.

Additional sampling will not be required should the excavation area be over-excavated. Should additional soil sampling be deemed necessary (e.g., additional tank closure, unknown environmental condition through visual evidence of a remaining source, over-excavation of failed confirmation sample), confirmation sampling will be conducted in accordance with NYSDEC DER-10.

### 5.2.3 QA/QC

Quality control procedures for confirmation soil sampling are included in the QAPP (refer to Appendix F). Confirmation analytical results will be provided in the NYSDEC’s electronic data deliverable (EDD) format for EQuIS™. Guidance on the sampling frequency is presented in NYSDEC DER-10 Section 5.4.

The QA/QC procedures required by the NYSDEC Analytical Services Protocol (ASP) and SW-846 methods will be followed. This will include instrument calibration, standard compound spikes, surrogate compound spikes, and analysis of quality control samples. The laboratory will provide sample bottles, which will be pre-cleaned and preserved. Where there are differences in the SW-846 and NYSDEC ASP requirements, the NYSDEC ASP will take precedence.

### 5.2.4 DUSR

ASP Category B deliverables will be prepared for all remedial performance samples collected during implementation of this RAWP. Data Usability Summary Reports (DUSR) will be prepared by a qualified data validator and the findings will be reported in the FER.

### 5.2.5 Reporting

Analytical laboratories that analyze confirmation soil samples, prepare results, and perform contingency sampling will be NYSDOH ELAP-certified laboratories.

### 5.3 Estimated Material Removal Quantities

The estimated volume of soil requiring removal and off-site disposal for a Track 1 cleanup is about 12,000 cubic yards. Over-excavated areas will require backfill meeting UU SCOs. The estimated quantity of soil to be imported for backfill is 1,000 cubic yards.
5.4  Soil/Materials Management Plan

This section presents the approach to management, disposal, and reuse of soil, fill, and materials excavated from the site. This plan is based on the current knowledge of site conditions and will be augmented, as necessary, using additional data collected during remediation. A field engineer, scientist, or geologist, under the direction of the RE will monitor and document the handling and transport of contaminated material removed from the site for disposal as a regulated solid waste. A field engineer, scientist, or geologist, under the direction of the RE, will assist the remediation contractor in identifying impacted materials during remediation, determining materials suitable for direct load out versus temporary on-site stockpiling, selection of samples for waste characterization, if necessary, and determining the proper off-site disposal facility. Separate stockpile areas will be constructed as needed for the various materials to be excavated or generated, with the intent to most efficiently manage and characterize the materials and to avoid comingling impacted materials with non-impacted soil.

5.4.1  Soil Screening Methods

Visual, olfactory, and instrumental soil screening and assessment will be performed by an engineer, geologist, or scientist under the direction of the RE during remediation and development-related excavations into known or potentially contaminated material. Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during the remedy and during the development phase, such as excavations for foundations and utility work, prior to issuance of the Certificate of Completion.

Resumes will be provided for personnel responsible for field screening (i.e., those representing the RE) the excavation and other ground-intrusive work performed during remediation and development.

5.4.2  Stockpile Methods

Stockpiles will be constructed as necessary to separate and stage excavated material pending loading or characterization sampling. Separate stockpile areas will be constructed to avoid comingling materials of differing waste types. Stockpile areas will meet the following minimum requirements:

- Excavated soil will be placed onto a minimum thickness of 6 mil low-permeability liner of sufficient strength and thickness to prevent puncture during use; separate stockpiles will be created where material types are different (e.g., petroleum-impacted material
stockpiled in a contaminated soil area). The use of multiple layers of thinner liners is permissible.

- Equipment and procedures will be used to place and remove the soil that will minimize the potential to jeopardize the integrity of the liner.

- Stockpiles will be covered at the designated times (see below) with minimum 6-mil plastic sheeting or tarps which will be securely anchored to the ground. Stockpiles will be routinely inspected and broken sheeting covers will be promptly replaced.

- Stockpiles will be covered upon reaching their capacity (i.e., about 1,000 cubic yards) until ready for loading. Stockpiles that have not reached their capacity, whether active or inactive, will be covered at the end of each workday.

- Each stockpile will be encircled with silt fences and hay bales, as needed, to contain and filter particulates from rainwater that has drained off the soils and to mitigate the potential for surface water run-off.

- Stockpiles will be inspected at a minimum of once daily and after every storm event. Results of inspections will be recorded in a logbook, maintained at the site, and made available for inspection by the NYSDEC.

5.4.3 Materials Excavation and Load Out

A field engineer, scientist, or geologist under the supervision of the RE will monitor ground-intrusive work and the excavation and load-out of excavated material.

The Volunteer and its contractors are solely responsible for safe execution of ground-intrusive and other remedial work performed under this RAWP. The Volunteer and its contractors are solely responsible for the identification of utilities and/or easements that might be affected by the work conducted under this RAWP.

Loaded vehicles leaving the site will be appropriately lined, securely covered, manifested, and placarded in accordance with the appropriate federal, state, and local requirements, including applicable transportation requirements (i.e., New York State Department of Transportation [NYSDOT] and NYCDOT requirements). Trucks hauling historic fill material will not be lined unless free liquids are present or the material is grossly impacted.

A truck wash will be operated on site. The RE will be responsible for documenting that outbound trucks will be washed at the truck wash, as necessary, before leaving the site until the remedial construction is complete. Locations where vehicles enter or exit the site will be inspected daily for evidence of off-site sediment tracking.
The RE will be responsible for documenting that egress points for truck and equipment transport from the site will be clean of dirt and other materials derived from the site during remediation and development. The remediation contractor will clean adjacent streets as necessary to maintain a clean condition with respect to site-derived materials.

The Volunteer and associated parties preparing the remedial documents submitted to New York State, and the parties performing this work, are responsible for the safe performance of ground-intrusive work, the structural integrity of excavations, and for structures that may be affected by excavations (such as building foundations and bridge footings).

The Volunteer and associated parties will ensure that site development activities will not interfere with, or otherwise impair or compromise, remedial activities proposed in this RAWP.

Development-related grading cuts and fills will not be performed without NYSDEC approval and will not interfere with, or otherwise impair or compromise, the performance of remediation required by this RAWP.

Mechanical processing of historic fill and contaminated soil on-site is prohibited unless otherwise approved by NYSDEC.

Primary contaminant sources (including, but not limited to, tanks and hotspots) identified during site characterization, the RI, and implementation of the remedy will be surveyed by a surveyor licensed to practice in the State of New York. The survey information will be shown on maps to be included with the FER. If the primary contaminant sources are removed under Track 2 cleanup, the final excavation subgrade will be surveyed. No survey will be required if a Track 1 cleanup is achieved.

5.4.4 Materials Transport Off-Site

Transport of materials will be performed by licensed haulers in accordance with appropriate local, state, and federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded. Trucks headed to disposal facilities will travel north on Gerard Avenue to East 146th Street, west on East 146th Street to Exterior Street, and north on Exterior Street to Interstate 87, or other routes approved by NYSDEC. Truck transport routes are shown on Figure 10.

Trucks loaded with site materials will exit the vicinity of the site using approved truck routes. These routes are the most appropriate routes to and from the site and take into account:

- Limiting transport through residential areas and past sensitive sites
• Use of city mapped truck routes
• Prohibiting off-site queuing of trucks entering the facility
• Limiting total distance to major highways
• Promoting safety in access to highways
• Overall safety in transport
• Community input (where necessary)

Trucks will be prohibited from excessive stopping and idling in the neighborhood outside of the site.

Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials during remediation and development.

To the extent possible, queuing of trucks will be performed on-site in order to minimize off-site disturbance. Off-site queuing will be minimized.

Material transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

5.4.5 Materials Disposal Off-Site

Disposal facilities will be determined at a later date and will be reported to the NYSDEC Project Manager prior to off-site transport and disposal of excavated material. About 12,000 cubic yards of historic fill and native soil that exceeds UU SCOs is expected to be disposed off-site. Soil/fill/solid waste excavated and removed from the site will be treated as contaminated and regulated material and will be disposed in accordance with local, state (including 6NYCRR Part 360) and federal regulations. If disposal of soil/fill from this site is proposed for unregulated disposal (i.e. clean soil removed for development purposes), a formal request with an associated plan will be made to NYSDEC’s Project Manager. Unregulated off-site management of materials from this site is prohibited without formal NYSDEC approval. Material that does not meet UU SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility)

The following documentation will be obtained and reported by the RE for each disposal location used in this project to fully demonstrate and document that the disposal of material derived from the site conforms to applicable laws:
(1) A letter from the RE or Volunteer to the receiving facility describing the material to be disposed of and requesting formal written acceptance of the material. This letter will state that material to be disposed of is contaminated material generated at an environmental remediation site located in New York State. The letter will provide the project identity and the name and phone number of the RE. The letter will include as an attachment a summary of chemical data for the material being transported (including waste characterization and RI data); and

(2) A letter from each receiving facility stating that it is in receipt of the correspondence (above) and acceptance of the material is approved.

These documents will be included in the FER.

Non-hazardous historic fill material and contaminated soil transported off-site will be handled, at a minimum, as a solid waste per 6 NYCRR Part 360. Historic fill and contaminated soil excavated from the site are prohibited from being disposed of at Part 360 Registration Facilities (also known as Soil Recycling Facilities).

Soil that is contaminated but non-hazardous and is removed from the site is considered by the NYSDEC Division of Materials Management (DMM) to be construction and demolition (C&D) materials with contamination not typical of virgin soils. Soil not meeting Unrestricted Use SCOs will be considered a solid waste unless a BUD is processed stating otherwise. This soil may be sent to a permitted Part 360 landfill in New York or other appropriate out-of-state disposal facility permitted to accept contaminated soil from a brownfield site. This soil may be sent to a permitted C&D processing facility without permit modifications only upon prior notification of NYSDEC. This material is prohibited from being sent or redirected to a New York Part 360 Registration Facility. In this case, as dictated by DMM, special procedures will include, at a minimum, a letter to the C&D facility that provides a detailed explanation that the material is derived from an NYSDEC DER remediation site, that the material is contaminated, and that the material must not be redirected to on-site or off-site Soil Recycling Facilities. The letter will provide the project identity and the name and phone number of the RE. The letter will include as an attachment a summary of chemical data for the material being transported.

The FER will include an accounting of the destination of material removed from the site during implementation of the remedy, including excavated soil, contaminated soil, historic fill, solid waste, hazardous waste, non-regulated material, and fluids. Documentation associated with disposal of each material type must also include records and approvals for receipt of the material. This information will also be presented in a table to be included in the FER.
A “Bill of Lading” system or equivalent will be used for off-site movement of non-hazardous wastes and contaminated soils. This information will be reported in the FER. Hazardous wastes derived from the site, if any, will be stored, transported, and disposed of in compliance with applicable local, state, and federal regulations.

Hazardous wastes derived from on-Site will be stored, transported, and disposed of in full compliance with applicable local, state, and federal regulations.

Appropriately licensed haulers, in compliance with applicable local, state, and federal regulations, will be used to transport the material removed from this site.

Waste characterization will be performed for off-site disposal in a manner suitable to the receiving facility and in conformance with applicable permits. Sampling and analytical methods, sampling frequency, analytical results, and QA/QC results will be reported in the FER. Data available for excavated material to be disposed of at a given facility must be submitted to the disposal facility with suitable explanation prior to shipment and receipt.

### 5.4.6 Materials Reuse On-Site

Soil excavated during the remedy may be reused on site if the requirements in this section are met. Grossly-impacted soil will not be reused. Reused soil must be non-hazardous and must meet the Track 1 SCOs (refer to Table 3). Soil removed during implementation of the remedy or removed for grading or other purposes will not be reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the site is prohibited for reuse on-site. Reuse of soil will be coordinated in advance with the NYSDEC Project Manager. Material deemed unfit for reuse will be transported for off-site disposal.

### 5.4.7 Fluids Management

Liquids to be removed from the site, including dewatering fluids, will be handled, transported, and disposed of in accordance with applicable local, state, and federal regulations. Liquids discharged into the New York City sewer system will be addressed through approval by NYCDEP. Based on depth-to-groundwater observed during previous investigations, dewatering may be required to facilitate excavation of material that exceeds UU SCOs and construction of foundation components and elevator pits. If necessary, a dewatering and treatment system will be designed by the Remediation Contractor’s NYS-licensed Professional Engineer. For the remedy, dewatering is considered a remedial component inasmuch as it is necessary to facilitate excavation of contaminated material.
Dewatered fluids will not be recharged back to the land surface or subsurface. Dewatering fluids will be managed off-site. Discharge of water generated during remedial construction to surface waters (i.e., a local pond, stream, and/or river) is prohibited without a SPDES permit.

5.4.8 Demarcation

It is anticipated that the site will be remediated to Track 1 SCOs; therefore, remaining contaminated soil will not be left on site and a physical demarcation barrier will not be installed. A survey denoting the base and sidewalls of the excavation will not be required, because an Environmental Easement will not be filed. If a Track 1 remedy is not achieved, a physical demarcation layer, consisting of orange snow fence or equivalent material will be placed on this surface in areas with pervious cover to provide a visual reference.

5.4.9 Backfill from Off-Site Sources

Materials proposed for import onto the site will be approved by the RE and will be in compliance with the provisions in this RAWP prior to receipt at the site. Imported soil for backfill must meet the requirements of 6 NYCRR Part 375-6.7(d) and NYSDEC DER-10 Section 5.4(e), Table 5.4(e)10, and Appendix 5. Material from industrial sites, spill sites, other environmental remediation sites, or other potentially contaminated sites will not be imported to the site. Solid waste will not be imported onto the site.

The FER will include the following certification by the RE: “I certify that all import of soils from off-site, including source evaluation, approval, and sampling, has been performed in a manner that is consistent with the methodology defined in the RAWP”.

Backfill material will consist of clean fill (as described in the following paragraph) or other acceptable fill material such as virgin stone from a quarry or RCA. If RCA is imported to the site, it will be from a NYSDEC-registered facility in compliance with 6 NYCRR Part 360 registration and permitting requirements for the period of acquisition of RCA. RCA imported from compliant facilities will not require chemical testing, unless required by the NYSDEC under the terms for operation of the facility. RCA imported to the site must be derived from recognizable and uncontaminated concrete, with no more than 10% by weight passing through a No. 10 sieve. RCA is not acceptable for and will not be used as cover or drainage material.

Imported soil (i.e., clean fill) will meet the Track 1 SCOs. Non-compliant soils will not be imported to the site. Clean fill will be segregated at a source/facility that is free of environmental contaminants. Qualified environmental personnel will collect representative samples at a frequency consistent with NYSDEC CP-51. The samples will be analyzed for Part
375 VOCs, SVOCs, pesticides/herbicides, PCBs, cyanide, and metals including trivalent and hexavalent chromium by a NYSDOH ELAP-certified laboratory. Upon meeting these criteria, the certified-clean fill will be transported to the site and segregated from impacted material, as necessary, on plastic sheeting until it is used as backfill.

Soils that meet ‘exempt’ fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this site, will not be imported onto the site without prior approval by the NYSDEC. The contents of this RAWP and NYSDEC approval of this RAWP should not be construed as an approval for this purpose.

Trucks entering the site with imported soils will be secured with tight fitting covers.

5.4.10 Stormwater Pollution Prevention

Silt fence or hay bales will be installed around the perimeter of the remedial construction area, as required. Barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook maintained at the site and available for inspection by the NYSDEC. Necessary repairs to silt fence and/or hay bales will be made immediately. Accumulated sediments will be removed as required to keep the barrier and hay bale check functional. Undercutting or erosion of the silt fence toe anchor will be repaired immediately with appropriate materials. Manufacturer’s recommendations will be followed for replacing silt fence damaged due to weathering. Erosion and sediment control measures identified in the RAWP will be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they will be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to the sewer system.

5.4.11 Contingency Plan

As discussed above in Section 4.2.7, if USTs or other previously unidentified contaminant sources are found during on-site remedial excavation or development-related construction, sampling will be performed on product, if encountered, and surrounding subsurface materials (e.g., soil, stone, etc.). Chemical analyses will be for full scan parameters (Part 375 VOCs, SVOCs, PCBs, pesticides, and metals). Analyses will not be otherwise limited without NYSDEC approval.

Identification of unknown or unexpected contaminated media identified by screening during ground-intrusive work will be promptly communicated by phone to the NYSDEC Project Manager. These findings will also be detailed in the daily reports and the subsequent monthly BCP progress report.
5.4.12 Community Air Monitoring Plan

Community air monitoring will be conducted in compliance with the NYSDOH Generic CAMP outlined below.

The CAMP will include real-time monitoring for VOCs and particulates at the downwind perimeter of each designated work area when ground-intrusive work is in progress. The CAMP will also include real-time monitoring at heating, ventilation, air conditioning intakes for the nearby sensitive receptor, Hostos Community College building, which is located within 20 feet of the site, when ground-intrusive work is in progress. Continuous monitoring will be required for all ground-intrusive work. Ground-intrusive work includes, but is not limited to, soil/fill excavation and handling and utility trenching. Periodic monitoring for VOCs may be required during non-intrusive work such as the collection of soil samples. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location and taking a reading prior to leaving a sample location.

CAMP monitoring of total VOC levels will be conducted using PIDs, and monitoring for particulates will be conducted using particulate sensors equipped with filters that can detect airborne particulates less than 10 microns in diameter (PM10). Monitoring for particulates and odors will be conducted during ground-intrusive work by a field engineer, scientist, or geologist under the supervision of the RE. The work zone is defined as the general area in which machinery is operating in support of remediation. A portable PID will be used to monitor the work zone and for periodic monitoring of total VOC levels during work such as soil sampling. The site perimeter will be visually monitored for fugitive dust emissions.

The following actions will be taken based on total VOC levels measured:

- If total VOC levels exceed 5 ppm above background for the 15-minute average at the perimeter, work will be temporarily halted and monitoring continued. If levels readily decrease (per instantaneous readings) below 5 ppm above background, work will resume with continued monitoring.

- If total VOC levels at the downwind perimeter of the work zone persist at levels in excess of 5 ppm above background but less than 25 ppm, work will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work will resume provided that the total VOC level 200 feet downwind of the hot zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less – but in no case less than 20 feet, is below 5 ppm above background for the 15-minute average
• If the total VOC levels exceed 1 ppm above background for the 15-minute average at
  the monitoring station near the sensitive receptor, and if given permission by the owner
  of building, monitoring will occur within the occupied structure

• If the total VOC level is above 25 ppm at the perimeter of the hot zone, work will be
  shut down.

The following actions will be taken based on visual dust observations:

• If the downwind particulate level is 100 µg/m³ greater than background (upwind
  perimeter) for the 15-minute period or if airborne dust is observed leaving the work area,
  then dust suppression must be employed. Work may continue with dust suppression
  techniques provided that concentrations at the sensitive receptor and downwind PM10
  levels do not exceed 150 µg/m³ above the background level and provided that no visible
  dust is migrating from the work area.

• If, after implementation of dust suppression techniques, total PM10 concentrations at
  the monitoring station near Hostos Community College or the downwind perimeter of
  the work zone, are greater than 150 µg/m³ above the background level, work must be
  stopped and a re-evaluation of activities initiated. Work can resume provided that dust
  suppression measures and other controls are successful in reducing the PM10
  concentrations at the sensitive receptor and downwind PM10 concentrations to within
  150 µg/m³ of the upwind level and in preventing visible dust migration.

Sustained concentrations of VOCs or PM10 will be reported to the NYSDEC and NYSDOH
Project Managers and included in the daily report. In addition, a map showing the location of
the downwind and upwind CAMP stations will be included in the daily report.

5.4.13 Odor, Dust and Nuisance Control Plan

Dust, odor, and nuisance control will be accomplished by the remediation contractor as
described in this section. The FER will include the following certification by the RE: “I certify
that ground-intrusive work during remediation and development-related construction was
conducted in accordance with dust and odor suppression methodology defined in the RAWP.”

Odor Control Plan

This odor control plan is capable of controlling emissions of nuisance odors off site. Specific
odor control methods to be used if needed will include application of foam suppressants or
tarps over the odor or VOC source areas. If nuisance odors are identified, work will be halted
and the source of odors will be identified and corrected. Work will not resume until nuisance odors have been abated. The NYSDEC and NYSDOH will be notified of odor events and of other complaints about the project. Implementation of odor controls is the responsibility of the Contractor. Monitoring odor emission, including the halt of work, will be the responsibility of the RE, who is responsible for certifying the FER. Application of odor controls is the responsibility of the remedial contractor.

Necessary means will be employed to prevent on- and off-site nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and (f) use of staff to monitor odors in surrounding neighborhoods.

Where odor nuisances have developed during remedial work and cannot be corrected, or where the release of nuisance odors cannot otherwise be avoided due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering excavation and handling areas under tented containment structures equipped with appropriate air venting/filtering systems.

Dust Control Plan

A dust suppression plan that addresses dust management during ground-intrusive on-site work will include, at a minimum, the items listed below:

- Dust suppression will be achieved through the use of a dedicated water distribution system, on-site water truck for road wetting, or an alternate source with suitable supply and pressure for use in dust control.
- Gravel will be used for on-site roads to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water spraying.

Other Nuisances

A plan for rodent control will be developed and used by the remediation contractor during site preparation (including clearing and grubbing) and during remedial work.
A plan for noise control will be developed and used by the remediation contractor during site preparation and remedial work and will conform, at a minimum, to the NYCDEP noise control standards.
6.0 RESIDUAL CONTAMINATION TO REMAIN ON-SITE

Residual contaminated soil and groundwater will not exist beneath the development footprint after the Track 1 remedy is complete; therefore, engineering and institutional controls will not be required to protect human health and the environment. If a Track 1 cleanup is not achieved, residual contamination will be managed in place using engineering controls (i.e., engineered composite cap consisting of a building foundation, paved surface, or at least 2 feet of clean soil that meets the UU SCOs).
7.0 ENGINEERING AND INSTITUTIONAL CONTROLS

Following completion of the remedy, it is anticipated that the site will meet Track 1 SCOs; therefore, neither engineering controls (e.g., sub-membrane depressurization system) nor institutional controls (e.g., Environmental Easement, Site Management Plan) will be required as part of the remedial action. In the event that a Track 1 cleanup is not achieved, but a Track 2 cleanup is achieved, it will be determined if implementation of engineering and institutional controls, including a vapor barrier and Environmental Easement, is required.
8.0 **FINAL ENGINEERING REPORT**

A FER will be submitted to the NYSDEC following implementation of the remedy defined in this RAWP. The FER will be prepared in conformance with NYSDEC DER-10 and will include the following:

- Documentation that the remedial work required under this RAWP has been completed and has been performed in compliance with this plan
- A comprehensive account of the locations and characteristics of material removed from the site including the surveyed map(s) of each source, as necessary
- As-built drawings for constructed elements, certifications, manifests, and bills of lading
- A description of the changes to the remedy from the elements provided in the RAWP and associated design documents, if any
- A tabular summary of performance evaluation sampling results and material characterization results and other sampling and chemical analyses performed as part of the remedy
- Written and photographic documentation of remedial work performed under this remedy
- An itemized tabular description of actual costs incurred during implementation of the remedy
- Sufficient information to show that remaining soil left on-site meets the Track 1 SCOs.
- If necessary, a thorough summary of remaining contamination that exceeds the Track 1 SCOs and an explanation for why the material was not removed as part of the remedy. A table and a map that shows remaining contamination in excess of the Track 1 SCOs will also be included.
- An accounting of the destination of material removed from the site, including excavated contaminated soil, historic fill, solid waste, hazardous waste, non-regulated material, and fluids. Documentation associated with the disposal of material must also include records and approvals for receipt of the material.
- An accounting of the origin and chemical quality of each material type imported onto the site.

Before approval of the FER and issuance of a Certificate of Completion, the daily reports and monthly BCP progress reports must be submitted in digital form on electronic media (i.e., PDF).
8.1 Certifications

The following certification will appear in front of the FER Executive Summary. The certification will be signed by the RE, Jason J. Hayes, who is a NYS-licensed Professional Engineer. The certification will be appropriately signed and stamped. The certification will include the following statements:

I, ________________________, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the 414 Gerard Avenue site (NYSDEC Brownfield Cleanup Agreement Index No. TBD, Site No. TBD).

I certify that the site description presented in this Final Engineering Report is identical to the site descriptions presented in the Brownfield Cleanup Agreement for the 414 Gerard Avenue site.

I certify that the Remedial Action Work Plan dated [month day year] and Stipulations [if any] in a letter dated [month day year] and approved by the NYSDEC were implemented and that all requirements in those documents have been substantively complied with.

I certify that the remedial activities were observed by qualified environmental professionals under my supervision and that the remediation requirements set forth in the Remedial Action Work Plan and any other relevant provisions of ECL 27-1419 have been achieved.

I certify that the export of contaminated soil, fill, water, or other material from the property was performed in accordance with the Remedial Action Work Plan, and were taken to facilities licensed to accept this material in full compliance with all federal, state, and local laws.

I certify that import of soils from off-site, including source approval and sampling, has been performed in a manner that is consistent with the methodology defined in the Remedial Action Work Plan.

I certify that ground-intrusive work during remediation and development-related construction was conducted in accordance with dust and odor suppression methodology defined in the Remedial Action Work Plan.

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law.
It is a violation of Article 130 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 130, New York State Education Law.
9.0  SCHEDULE

Mobilization for implementation of the RAWP is expected to take about one to two weeks. Once mobilization is complete, remediation of the site will continue. The remedy, which will be implemented in accordance with this RAWP, is anticipated to take about 8 months to complete. After completion of the remedy, a FER will be submitted to the NYSDEC for review and approval. A detailed project schedule is included in Appendix G.
APPENDIX A

BOUNDARY SURVEY
THE FOLLOWING REQUESTS FOR UTILITY INFORMATION HAVE BEEN MADE RECEIVED

 UTILITY

 WATER
 ELECTRIC
 GAS
 STEAM
 COMM/OTHER
 SEWER

 DEP 9/5/17
 DEP 9/5/17
 ECS/VERISON 9/5/17, CABLEVISION 9/20/17, AT&T LNS 10/6/17, AT&T CORE 9/6/17, PROTEK 9/27/17
 LEVEL 3 9/6/17, SPRINT 9/14/17, CENTURY LINK 9/5/17
APPENDIX B

PREVIOUS ENVIRONMENTAL REPORTS, HAZARDOUS MATERIALS SURVEY, AND DEMOLITION PLANS
PHASE I ENVIRONMENTAL SITE ASSESSMENT

for

414 GERARD AVENUE
Bronx, New York

Prepared For:

125 East 144 Street Holdings, LLC
 c/o Treetop Development
 The Glenpointe Centre West
 500 Frank W Burr Boulevard
 Teaneck, NJ

Prepared By:

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October 3, 2017
Langan Project No. 170488401
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EXECUTIVE SUMMARY

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) was retained by 125 East 144 Street Holdings LLC (the User) to prepare a Phase I Environmental Site Assessment (ESA) for the property at 414 Gerard Avenue (also known as 125 East 144th Street) in the Mott Haven neighborhood of the Bronx, New York (the Subject Property). The Subject Property is identified on the New York City (NYC) Bronx Borough Tax Map as Block 2350, Lot 1, and is situated on the southwestern corner of the block bound on the north by East 146th Street, on the east by Walton Avenue, on the south by East 144th Street, and on the west by Gerard Avenue. The Subject Property is developed with a vacant, one-story manufacturing building with a partial cellar level. A jewelry box manufacturer most recently occupied the building.

This Phase I ESA was completed in general accordance with ASTM International (ASTM) Standard E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process) and the United States Environmental Protection Agency (USEPA) All Appropriate Inquires (AAI) Rule, for the purpose of identifying recognized environmental conditions (REC), historical RECs (HREC), controlled RECs (CREC) and business environmental risks (BER). The Subject Property had no HRECs or CRECs and the others are summarized below.

REC

A REC is defined by ASTM E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. The Phase I ESA identified the following RECs:

REC 1 – Historical On-Site Operations

The Subject Property historically operated as a jewelry box manufacturer from about 1954 to 2016. Jewelry packaging and on-site operations may have included the use of metals and solvents containing volatile organic compounds (VOCs). Undocumented releases of metals, VOCs, or other hazardous substances associated with historical operations may have adversely affected soil, groundwater, or soil vapor beneath the Subject Property.
REC 2 – On-Site Petroleum Bulk Storage (PBS)

One 3,000-gallon aboveground storage tank (AST) and a second suspect tank were observed during the August 25, 2017 site reconnaissance. The 3,000-gallon AST was also identified in the New York State Department of Environmental Conservation (NYSDEC) PBS database. A fill port and vent pipe were observed on the exterior of the southern side of the building, and stained absorbent pads were observed in the boiler room near the fuel oil connection pipe. One unlabeled, 55-gallon drum containing an oily liquid was also observed in the boiler room. Undocumented spills or releases of petroleum products or hazardous substances associated with the tanks or drum may have adversely affected soil, groundwater, or soil vapor beneath the Subject Property.

REC 3 – Current and Historical Uses of Nearby Properties

Historical uses of adjoining and surrounding properties included a machine shop (1949), a Con Edison garage (1977 to 1984), a Con Edison service center (1977 to 1986), and unspecified manufacturing (1986 to 2007). Records identify an in-service 3,000-gallon No. 2 fuel oil AST at the eastern-adjointing property since 1988. Undocumented spills or releases of petroleum products or hazardous substances associated with historical uses of nearby properties including PBS may have adversely affected groundwater or soil vapor beneath the Subject Property.

REC 4 – Nearby Tetrachloroethene (PCE) Impacts to Soil Vapor

NYSDEC Brownfield Cleanup Program (BCP) Site No. C203071 (477 Gerard Avenue) is located less than 150 feet northwest of the Subject Property. A 2015 Remedial investigation Report (RIR) identified PCE impacts to soil vapor at concentrations above the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs). The RIR did not identify the source of PCE. Based on proximity, the source of PCE impacting soil vapor at the nearby property may have the potential to affect soil vapor or groundwater beneath the Subject Property.

BER

A BER is defined by ASTM E1527-13 as a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate not necessarily limited to those environmental issues required to be investigated in this practice. The following BERs were identified for the Subject Property:

- The Subject Property has an E-Designation for hazardous materials and noise (E-227 and City Environmental Quality Review [CEQR] No. 08DCP071X), and future redevelopment
is subject to review and approval by the NYC Office of Environmental Remediation (OER). The E-designation requires the owner to satisfy OER protocols prior to redevelopment and new building occupancy.

- Previous investigations conducted in the area identified historic fill material to depths of up to 20 feet below ground surface (bgs). Historic fill typically contains contaminant concentrations above current regulatory levels and at potentially hazardous concentrations. The presence of this material may require implementation of contaminated soil handling and management procedures during site redevelopment to address excavation, re-use, handling, and off-site disposal.

**Non-ASTM Consideration**

A Non-ASTM Scope Consideration is identified by ASTM E1527-13 as an environmental issue or condition at a property that parties may wish to assess in connection with commercial real estate that is outside the scope of ASTM E1527-13. The following non-ASTM consideration was identified for the Subject Property:

Langan completed a preliminary hazardous materials survey in September 2017 that identified asbestos-containing material (ACM), lead based paint (LBP), and polychlorinated biphenyls (PCB)-containing material at the Subject Property. These materials must be abated prior to any renovations at or redevelopment of the Subject Property.
1.0 INTRODUCTION

Langan was retained by 125 East 144 Street Holdings, LLC (the User), to prepare a Phase I Environmental Site Assessment (ESA) for the property at 414 Gerard Avenue (also known as 125 East 144th Street) in the Mott Haven neighborhood of the Bronx, New York (the Subject Property). This Phase I ESA was performed for the User in general accordance with ASTM International’s (ASTM) Standard E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process) and the United States Environmental Protection Agency’s (USEPA) All Appropriate Inquires (AAI) Rule. The purpose of this Phase I ESA is to accomplish the following:

1. Identify Recognized Environmental Conditions (RECs) in connection with the Subject Property, as defined in The Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13, which states: The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include de minimis 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.


1.1 Scope of the ESA

This Phase I ESA was conducted using a standard of good commercial and customary practice that is consistent with ASTM E1527-13. No significant scope-of-work additions, deletions, or deviations to ASTM E1527-13 were made in connection with this report, as described in Section 8.0. In general, the scope of this assessment consisted of obtaining information from the User; reviewing reasonably ascertainable information and environmental data relating to the Subject Property; reviewing maps and records maintained by federal, state, and local regulatory agencies; interviewing persons knowledgeable about the Subject Property; and conducting a site inspection. The specific scope of this assessment included the following:

1. A site reconnaissance to characterize conditions and assess the Subject Property’s location with respect to adjoining and surrounding property uses and natural surface
features. The reconnaissance included the surrounding roads and observations of surrounding properties from public rights-of-way to identify obvious potential environmental conditions on neighboring properties. The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the Subject Property and then progressing to adjoining and surrounding properties. Photographs taken as part of the site reconnaissance are included in Appendix A.

2. A review of the response to the User questionnaire. The completed User questionnaire is included in Appendix B.

3. A review of environmental databases maintained by the USEPA, state, and local agencies within the approximate minimum search area. The environmental database report was provided by Environmental Data Resources, Inc. (EDR), and is included in Appendix C.

4. Filing of Freedom of Information Act (FOIA) requests with federal, state, and local agencies. Copies of the FOIA requests are included in Appendix D.

5. A review of New York City Department of Buildings (NYCDOB) records and a Planning Commission Zoning Map. Available NYCDOB records and the Zoning Map are included in Appendices E and F, respectively.

6. A review of physical characteristics of the Subject Property through a review of referenced sources for topographic, geologic, soils, and hydrologic data.

7. A review and interpretation of aerial photographs, Sanborn® Fire Insurance Maps (Sanborn® Maps), historical topographic maps, and city directories to identify previous activities on and in the vicinity of the Subject Property. Copies are included in Appendices G, H, I, and J, respectively.

8. A review of an environmental lien search for the Subject Property. A copy of the environmental lien search report is included in Appendix K.

9. A review of published radon occurrence maps to evaluate whether the Subject Property is located in an area with a propensity for elevated radon levels.

1.2. Assumptions, Limitations, and Exceptions

This Phase I ESA report was prepared for 125 East 144 Street Holdings, LLC for the Subject Property located at 414 Gerard Avenue in the Bronx, New York. The report is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. Langan cannot assume responsibility for use of this report for any
property other than the Subject Property addressed herein, or by any other third party without a written authorization from Langan.

Langan’s scope of services, which is described in Section 1.1, was limited to that agreed to with the User and no other services beyond those explicitly stated are implied. The services performed and agreed upon for this effort comports to those prescribed in the ASTM Standard E1527-13. Intrusive sampling (i.e., soil borings and groundwater sampling) was not performed as part of this Phase I ESA.

This Phase I ESA was not intended to be a definitive investigation of possible environmental impacts at the Subject Property. The purpose of this investigation was limited to determining if there are any RECs affecting the Subject Property. It should be understood that even the most comprehensive Phase I ESA might fail to detect environmental liabilities at a particular Subject Property. Therefore, Langan cannot “insure” or “certify” that the Subject Property is free of environmental impacts. No expressed or implied representation or warranty is included or intended in this report, except that our services were performed, within the limits prescribed by our client, with the customary standard of care exercised by professionals performing similar services under similar circumstances within the same jurisdiction.

The conclusions, opinions, and recommendations provided in this report are based solely on the specific activities as required for the performance of ASTM E1527-13 and are intended exclusively for the purpose stated herein, at the specified Subject Property, as it existed at the time of our site visits.
2.0 SITE DESCRIPTION

2.1. Location and Description

The Subject Property is identified on the New York City (NYC) Bronx Borough Tax Map as Block 2350, Lot 1, and is situated on the southwestern corner of the block bound on the north by East 146th Street, on the east by Walton Avenue, on the south by East 144th Street, and on the west by Gerard Avenue. The Subject Property is developed with a vacant, one-story manufacturing building with a partial cellar level. A jewelry box manufacturer most recently occupied the building. A Subject Property Location Map is included as Figure 1.

Based on visual observations of the surrounding area during the site reconnaissance, the Subject Property is located within an urban area characterized by multi-story industrial, institutional, and commercial buildings, parking lots and garages, and vacant lots. Site reconnaissance photographs are included in Appendix A.

Surrounding property use is summarized in the following table:

<table>
<thead>
<tr>
<th>Direction</th>
<th>Adjoining Properties</th>
<th>Surrounding Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>Two one-story industrial buildings</td>
<td>East 146th Street followed by multi-story institutional and industrial buildings</td>
</tr>
<tr>
<td>East</td>
<td>Vacant three-story industrial building</td>
<td>Walton Avenue followed by a vacant lot</td>
</tr>
<tr>
<td>South</td>
<td>East 144th Street followed by a two-story industrial building</td>
<td>Multi-story institutional and industrial buildings</td>
</tr>
<tr>
<td>West</td>
<td>Gerard Avenue followed by a vacant one-story warehouse</td>
<td>Multiple one- to two-story industrial buildings</td>
</tr>
</tbody>
</table>

2.2. Description of Site Improvements

Improvements at the Subject Property are summarized in the following table:

<table>
<thead>
<tr>
<th>Description of Site Improvements</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of the Subject Property</td>
<td>About 12,600 square feet</td>
</tr>
<tr>
<td>Buildings/Spaces/Structures</td>
<td>One-story manufacturing building with a partial cellar</td>
</tr>
<tr>
<td>Surface Water</td>
<td>None</td>
</tr>
<tr>
<td>Potable Water Source</td>
<td>Municipal</td>
</tr>
<tr>
<td>Sanitary and Storm Sewer Utilities</td>
<td>Municipal</td>
</tr>
<tr>
<td>Electrical Utilities</td>
<td>Con Edison</td>
</tr>
<tr>
<td>Construction Completion Date</td>
<td>Circa 1954</td>
</tr>
</tbody>
</table>
SITE IMPROVEMENTS

<table>
<thead>
<tr>
<th>General Construction Type</th>
<th>Concrete masonry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling and Ventilation System Type</td>
<td>Window units and fans</td>
</tr>
<tr>
<td>Heating System Type</td>
<td>Fuel oil</td>
</tr>
<tr>
<td>Emergency Power</td>
<td>None</td>
</tr>
</tbody>
</table>

2.3. Title Records

Langan researched ownership records for the Subject Property on the Automated City Register Information System (ACRIS) website (https://a836-acris.nyc.gov/DS/DocumentSearch/Index). According to ACRIS, the Subject Property was recently acquired by 125 East 144 Street Holdings LLC. Not all prior deed records could be obtained via ACRIS; however, available title information is summarized below.

<table>
<thead>
<tr>
<th>Date</th>
<th>Document Type</th>
<th>First Party</th>
<th>Second Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/03/2016</td>
<td>Deed</td>
<td>M&amp;N Partners Inc.</td>
<td>125 East 144 Street Holdings LLC</td>
</tr>
<tr>
<td>03/16/2009</td>
<td>Agreement</td>
<td>M&amp;N Partnership LTD.</td>
<td>385 Gerard Avenue LLC</td>
</tr>
<tr>
<td>04/21/2006</td>
<td>Agreement</td>
<td>M&amp;N Partnership LTD.</td>
<td>385 Gerard Avenue LLC</td>
</tr>
<tr>
<td>10/12/1984</td>
<td>Deed</td>
<td>Rejoyce Sales Corp.</td>
<td>M&amp;N Partnership LTD.</td>
</tr>
</tbody>
</table>

Langan’s review of ownership records did not reveal RECs associated with the property.
3.0 USER PROVIDED INFORMATION

3.1. User Questionnaire

Per ASTM E1527-13, a User questionnaire was provided to the User to inquire about specialized information related to the Subject Property. Aaron Stickney, of 125 East 144 Street Holdings LLC, completed the questionnaire. Mr. Stickney stated that he is not aware of any environmental cleanup liens or land use limitations at the Subject Property. According to Mr. Stickney, the purchase price of the Subject Property reasonably reflects fair market value and is not attributable to any contamination known or believed to be present at the Subject Property. The completed User questionnaire is included in Appendix B.

3.2. Previous Environmental Reports

Previous environmental reports were not provided to Langan for review.
4.0 ENVIRONMENTAL RECORDS

A regulatory database search was provided by EDR and is included in Appendix C. The EDR report provides a listing of sites identified on select federal and state standard source environmental databases within the approximate search radius specified by ASTM E1527-13. Langan reviewed each environmental database on a record-by-record basis to evaluate whether the identified sites represent a potential for environmental impact to the Subject Property. Langan also reviewed “Orphan Sites” listed within the report. Orphan Sites are those sites that could not be mapped due to inadequate address information. Any Orphan Sites that were identified by Langan within the ASTM search radii, either during the site reconnaissance or by cross-referencing to mapped listings, are addressed in the discussion below.

The following table lists the number of sites identified in standard and additional environmental record databases, within the prescribed search area and appearing in the EDR Report.

<table>
<thead>
<tr>
<th>Database Reviewed (Date of government version)</th>
<th>Minimum Search Area</th>
<th>Subject Property listed</th>
<th>Number of Sites Within Minimum Search Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>USEPA DATABASES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National Priorities List (NPL) (04/05/2017)</td>
<td>1 Mile Radius</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Delisted NPL (04/05/2017)</td>
<td>1 Mile Radius</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Superfund Enterprise Management System (SEMS, formerly CERCLIS) and SEMS-Archive (formerly known as CERCLIS-NFRAP) (02/07/2017)</td>
<td>1/2 Mile Radius</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Resource Conservation and Recovery Act (RCRA) Corrective Reports (CORRACTS) (12/12/2016)</td>
<td>1 Mile Radius</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>RCRA Treatment, Storage, and Disposal Facilities (TSDF) (12/12/2016)</td>
<td>1/2 Mile Radius</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>RCRA Generators (Large Quantity Generator [LQG], Small Quantity Generator [SQG], Conditionally Exempt Small Quantity Generator [CESQG], Non-Generators [NonGen]) (12/12/2016)</td>
<td>Subject Property and Adjoining Properties</td>
<td>No</td>
<td>1</td>
</tr>
<tr>
<td>Facility Index System (FINDS) (04/04/2017)</td>
<td>Subject Property</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Database Reviewed</td>
<td>Minimum Search Area</td>
<td>Subject Property listed</td>
<td>Number of Sites Within Minimum Search Area</td>
</tr>
<tr>
<td>--------------------------------------------------------</td>
<td>---------------------</td>
<td>-------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Environmental Response Notification System (ERNS)</td>
<td>No</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Federal Engineering Controls (US ENG CONTROLS) Sites Lists (02/13/2017)</td>
<td>No</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>Federal Institutional Controls (US INST CONTROLS) Sites Lists (02/13/2017)</td>
<td>No</td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>USEPA DATABASES (Continued)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inactive Hazardous Waste Disposal Sites (SHWS) (05/16/2017)</td>
<td>1 Mile Radius</td>
<td>No</td>
<td>6</td>
</tr>
<tr>
<td>Solid Waste or Landfill Facilities (SWF/LF) (01/04/2017)</td>
<td>1/2 Mile Radius</td>
<td>No</td>
<td>3</td>
</tr>
<tr>
<td>Leaking Storage Tanks (LTANKS) (05/16/2017)</td>
<td>1/2 Mile Radius</td>
<td>No</td>
<td>47</td>
</tr>
<tr>
<td>SPILLS Information Database (NY SPILLS) (05/16/2017)</td>
<td>1/8 Mile Radius</td>
<td>No</td>
<td>20</td>
</tr>
<tr>
<td>New York Engineering Controls (NY ENG CONTROLS) Sites Lists (05/16/2017)</td>
<td>Subject Property</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>New York Institutional Controls (NY INST CONTROLS) Sites Lists (05/16/2017)</td>
<td>Subject Property</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>NY Voluntary Cleanup Program (VCP) (12/19/2016)</td>
<td>1/2 Mile Radius</td>
<td>No</td>
<td>1</td>
</tr>
<tr>
<td>NY Brownfields (05/16/2017)</td>
<td>1/2 Mile Radius</td>
<td>No</td>
<td>5</td>
</tr>
<tr>
<td>Solid Waste Disposal Sites Registered Recycling Facility List (SWRCY) (01/04/2017)</td>
<td>1/2 Mile Radius</td>
<td>No</td>
<td>2</td>
</tr>
<tr>
<td>Chemical Bulk Storage (CBS) Underground Storage Tank (UST) and Aboveground Storage Tanks (AST) Databases (12/28/2016)</td>
<td>Subject Property and Adjoining Properties</td>
<td>No</td>
<td>0</td>
</tr>
</tbody>
</table>
A description of the reviewed databases is included in the EDR Report (Appendix C). A summary of sites identified within the prescribed search area is presented below.

4.1. Federal Agency Database Findings

The Subject Property and/or sites within the respective minimum search distances as specified by ASTM E1527-13 were not listed in the following federal agency databases: NPL, delisted NPL, SEMS, SEMS-Archive, RCRA CORRACTS, RCRA TSDF, FINDS, ERNS, US ENG CONTROLS, and US INST CONTROLS.

**RCRA Generators**

The RCRA Generators database is USEPA’S comprehensive information system, providing access to data supporting the RCRA of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database included selective information on sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. LQGs generate over
1,000 kilograms of hazardous waste or over 1 kilogram of acutely hazardous waste per month; SQGs generate between 100 and 1,000 kilograms of hazardous waste per month; CESQGs generate less than 100 kilograms of hazardous waste or less than 1 kilogram of acutely hazardous waste per month; and Non-Gen are former hazardous waste generators.

The Subject Property was not listed in the database; however, the northwestern-adjoining property across Gerard Avenue (Stone Services Inc.) was listed in the RCRA Generators database as follows:

- LQG database in April 1989 for the generation of characteristic hazardous waste D001 (ignitable waste)
- SQG database in July 1999 for the generation of listed hazardous waste F005 (spent non-halogenated solvents)
- NonGen database in January 2006

There were no violations associated with the database listings, and the northwestern-adjoining property is located hydraulically down-gradient relative to the Subject Property; therefore, the listings are not considered a REC.

A second listing, Chairmaster’s Inc. located at 200 East 146th Street, was incorrectly shown as adjoining the Subject Property to the north on the maps provided in the EDR Report. This listing is located about 880 feet east of the Subject Property.

4.2. State Agency Database Findings

The Subject Property and/or sites within the respective minimum search distances as specified by ASTM E1527-13 were not listed in the following state agency databases: NY ENG CONTROLS, NY INST CONTROLS, CBS, MOSF, and NY DRYCLEANERS.

SHWS

The SHWS records are the states’ equivalent to SEMS and may or may not already be listed on the federal SEMS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The Subject Property was not listed in the SHWS database; however, six listings were identified within the minimum search area of 1 mile. Two listings are located over 1,300 feet west of the Subject Property across the Harlem River, three listings are located over 1,300 feet and hydraulically down-gradient relative to the Subject Property, and the remaining
listing is located over 4,000 feet from the Subject Property. The listings are not considered RECs.

**SWL/LF**

The SWF/LF database is a comprehensive listing of state-permitted/recorded solid waste facilities. The Subject Property was not listed in the SWF/LF database; however, three listings were identified within the minimum search area of 1/2 mile. One listing, Young Contracting Corp., is located over 2,400 feet south of the Subject Property. The other two listings, Con Ed Exterior Street Storage Yard and Bronx County Recycling, are inactive construction and demolition (C&D) debris recycling facilities located hydraulically down-gradient of the Subject Property. The three listings are not considered RECs.

**LTANKS**

The LTANKS database contains an inventory of reported leaking storage tank incidents, including leaking USTs and ASTs. The minimum search area for the LTANKS database includes the Subject Property and any sites within a 1/2-mile radius. The Subject Property is not listed in the database; however, 47 listings were identified within the minimum search area. The listed incidents were primarily caused by tank test failures, tank failures, and tank overfills. All but one of the LTANKS listings have been granted closed status by the NYSDEC, indicating that NYSDEC is satisfied with spill remediation. The open LTANKS listing, Lincoln Medical Center, was related to a tank test failure, and the associated site, 234 East 149th Street, is located over 1,000 feet from the Subject Property. The LTANKS listings are not considered RECs.

**NY SPILLS**

The Spills database, maintained and updated by NYSDEC, is an inventory of sites where spills have been identified and reported to the NYSDEC. The Subject Property was not listed in the database; however, 20 spill incidents were listed within the minimum search area of 1/8-mile. All but three of the spill incidents have been granted closed status by the NYSDEC, indicating that NYSDEC is satisfied with spill remediation. The closed spills are not considered RECs based on their current regulatory status, the quantity of material spilled, and/or their distance and location relative to the Subject Property. The three open spills, two of which are associated with the same property, are described below:
Site Name: Phase 2
Site Address: 110 East 149th Street
Location: 320 feet north of the Subject Property
NYSDEC Spill No.: 1407530
Description: 110 East 149th Street has an E-Designation for Hazardous Materials (E-227) and was previously operated as an automotive repair shop from about 1971 to 1980. A remedial investigation (RI) performed by LiRo Engineers, Inc. in September and October 2014 identified petroleum-related volatile organic compounds (VOCs), specifically benzene, toluene, ethylbenzene, and xylenes (BTEX), in groundwater at concentrations above the applicable regulatory criteria¹ and in soil vapor at concentrations warranting installation of an active vapor mitigation system. A Remedial Action Plan (RAP) approved by the NYC Office of Environmental Remediation (OER) was available for review via OER’s online database, and the property is currently an active construction site, which indicates that RAP implementation is underway. Although BTEX compounds were identified in groundwater during the RI, they were not identified at concentrations that warranted groundwater treatment. Because of the site’s remediation status and the property’s hydraulically cross-gradient relationship to the Subject Property, the listing is not considered a REC.

Site Name: Merit Grand Concourse & Lot 42, Tax Block 2341
Site Address: 350-370 Grand Concourse
Location: 450 feet southeast of the Subject Property
NYSDEC Spill No.: 9814075 and 0111974
Description: Since as early as 1979, the site has been operated as a gas station. Two separate environmental subsurface investigations, one associated with each spill, identified petroleum-related VOCs, specifically BTEX and methyl tertiary butyl ether (MTBE), in groundwater at concentrations above the applicable regulatory criteria and measurable amounts of light non-aqueous phase liquid (LNAPL) in on-site monitoring wells. From 2008 to 2012, a soil vapor extraction and water stripping system was operated in the northern part of the site to remediate impacts associated with Spill No. 9814075. In 2012, in-situ chemical oxidation (ISCO) using sodium nitrate was performed to remediate impacts associated with Spill No. 0111974. Groundwater

¹ The applicable regulatory criteria for groundwater is the NYSDEC Technical and Operational Guidance Series (TOGS) Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA groundwater
monitoring associated with both remedies is ongoing as of spring 2017 and both spills remain open. Based on the documented remediation and the property’s location relative to the Subject Property (across active subway tunnels), the listing is not considered a REC.

**VCP**

The VCP uses private funds to remediate contaminated sites to levels allowing for the sites’ productive use. The program covers virtually any kind of site and contamination. The Subject Property was not listed in the VCP database; however, one listing was identified within the minimum search area of 1/2 mile. The listing, 2350 Fifth Avenue, is located over 1,300 feet west of the Subject Property across the Harlem River and is not considered a REC.

**NY Brownfields**

Brownfield sites are any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria, or guidance adopted by the NYSDEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations. The Subject Property was not listed in the database; however, five listings were identified within the minimum search area of 1/2 mile. Four of the listings are located over 1,800 feet from the Subject Property and are not considered RECs. The fifth listing, 477 Gerard Avenue, is located 150 feet northwest of the Subject Property. A 2015 Remedial Investigation conducted at 477 Gerard Avenue identified concentrations of tetrachloroethene (PCE) in soil vapor (up to 162 micrograms per cubic meter [µg/m³]) above the New York State Department of Health (NYSDOH) Air Guideline Value (AGV) of 30 µg/m³; however, a 2015 Remedial Investigation Report (RIR) did not identify the source of PCE. Based on proximity, the source of PCE impacting soil vapor at the nearby property may have the potential to affect soil vapor or groundwater beneath the Subject Property, therefore, nearby PCE impacts to soil vapor are considered a REC.

**SWRCY**

The SWRCY database is a comprehensive listing of registered recycling facilities. The Subject Property was not listed in the database; however, two listings were identified within the minimum search area of 1/2 mile. Both listings, Ecology Recycling Plant and Sinigeeen LLC/DBA First Crush, are located over 1,000 feet south of and hydraulically down-gradient relative to the Subject Property, and are therefore not considered RECs.
PBS UST and AST Databases

The PBS UST and AST databases contain records of registered USTs and ASTs. A registered PBS UST or AST does not constitute a REC in and of itself; however, properties listed on the UST or AST databases with a reported leak, spill, or release could constitute a REC with respect to the Subject Property.

The Subject Property was listed in the AST database under PBS Site No. 2-207209 as housing one active 3000-gallon, No. 2 fuel oil aboveground storage tank (AST). The tank was observed during the site reconnaissance. Stained absorbent pads, which are typically indicative of a petroleum release/spill, were also observed in the boiler room beneath the fuel oil connection pipe. The on-site AST is considered a REC.

The following adjoining properties were listed in the PBS UST and/or AST databases:

- Northeastern-adjoining property (PBS No. 2-609953): two 2,000-gallon, gasoline USTs that were closed/removed in May 2005
- Eastern-adjoining property (PBS No. 2-601909): one active 3,000-gallon, No. 2 fuel oil AST that was installed in March 1988
- Southern-adjoining property (PBS No. 2-209775): two 5,000-gallon, No. 2 fuel oil ASTs that were closed-in-place in April 2000

LTANKS listings and spill incidents were not documented for the ASTs or USTs located at the three adjoining properties described above. The closed/removed and closed-in-place tanks previously located on the northeastern- and southern-adjoining properties are not considered RECs because of the lack of reported releases and their closed status. The active AST located at the eastern-adjoining property is considered a REC because the tank is in contact with soil, there is no available documentation suggesting the tank is regularly tested for leaks, and the building that houses the tank is vacant.

4.3. Other Database Findings

MGP Sites

The MGP Sites database is a proprietary database that includes records of manufactured coal gas plants compiled by EDR. The Subject Property was not listed in the MGP database; however, one MGP site, Con Ed – West 132nd Street Station MGP, was listed within the minimum search area of 1 mile. The listing is located over 3,500 feet southwest of the Subject Property across the Harlem River and is not considered a REC.
U.S. Historical Auto Stations

The U.S. Historical Auto Stations database is a proprietary database that includes records of historical auto stations compiled by EDR. The Subject Property was not listed in the database; however, 11 listings were identified within the minimum search area of 1/4 mile. Because of their distance from and/or hydraulic relationship to the Subject Property and the lack of reported releases, seven listings are not considered RECs. Four of the listings (Joses Service Station, Inc., W&E Autobody, Franray Service Station, and Klintel Service Station I) are associated with documented petroleum releases; however, these listings are also not considered RECs because of their location relative to the Subject Property and the associated releases have been or are undergoing remediation.

4.4. Local Regulatory Agency Findings

FOIA Requests

FOIA requests were submitted during the week of August 14, 2017 to the following federal, state, and local agencies via written correspondence:

- New York City Department of Environmental Protection (NYCDEP)
- New York City Department of Health (NYCDOH)
- New York City Fire Department (FDNY)
- NYSDOH
- NYSDEC
- USEPA Region 2

Complete responses have not yet been received. Should future responses alter the conclusions of this Phase I ESA, an addendum will be issued. Copies of the FOIA requests and any responses received are included in Appendix D.

NYCDOB

Langan conducted a records search through the NYCDOB online query system on August 17, 2017. The Subject Property was searched under 121-129 East 144th Street and 414 Gerard Avenue, and was identified as Block 2350, Lot 1 with Building Identification Number (BIN) 2001084. The Subject Property has the Department of Finance classification of E1-Warehouse. Three open NYCDOB violations and one open Environmental Control Board (ECB) violation were listed for the Subject Property. The NYCDOB violations were related to boiler
inspections, and the ECB violation was related to relocation of an office partition without a permit. Two Certificates of Occupancy (COs) dated 1954 and 1955 were available for the Subject Property. The COs list the Subject Property as a one-story factory with a cellar level, and FDNY “approval of fuel oil installation” was noted on both. Undocumented releases or spills of petroleum products or hazardous substances associated with historical on-site operations may have adversely affected soil, groundwater, and/or soil vapor beneath the Subject Property and as such, are considered a REC. A copy of the NYCDOB records is included in Appendix E.

Zoning Department

According to the New York City Planning Commission Zoning Map 6a, the Subject Property is located within the Lower Concourse Special Mixed Use Paired District (M1-4/R8A). This paired district promotes development and expansion of the longstanding mix of residential, commercial, industrial, and cultural use throughout the area. M1 districts typically include light industrial uses such as woodworking shops, repair shops, and wholesale service and storage facilities, and R8 districts promote residential development. A copy of the zoning map is included in Appendix F.

An E-Designation is a New York City zoning map designation that indicates the presence of an environmental requirement pertaining to potential hazardous materials contamination, window/wall noise attenuation, or air quality impacts on a particular tax lot. E-Designations are established on the zoning map by the Department of City Planning and City Council as a part of a zoning change/action. The Subject Property is E-Designated for hazardous materials and noise (E-227 and City Environmental Quality Review [CEQR] No. 08DCP071X). Future redevelopment of the Subject Property will require oversight by the OER and therefore, this listing is considered a business environmental risk (BER).

4.5. Physical Setting Sources
4.5.1. Topography

According to the United States Geological Survey (USGS) Central Park Quadrangle 7.5-minute Series Topographic Map, the Subject Property footprint slopes from east to west, about 26 feet above mean sea level (msl) to 20 feet above msl. The surrounding area gradually slopes to the west towards the Harlem River.
4.5.2. Geology

The Subject Property is located in the Bronx near the southern end of the Manhattan Prong. The Manhattan Prong is one of two southwestward extensions of the New England Upland physiographic province of the Northern Appalachians. The underlying bedrock in this area generally consists of calcite-dolomite marble (Inwood Marble) interlayered with Fordham Gneiss. Bedrock outcrops were not observed at the Subject Property. Previous investigations conducted in the area identified historic fill material to depths of up to 20 feet below ground surface (bgs). Historic fill typically contains contaminant concentrations above current regulatory levels and at potentially hazardous concentrations. The presence of this material may require implementation of soil handling and management procedures during site redevelopment to address excavation, re-use, handling, and off-site disposal, and there may be associated cost premiums.

4.5.3. Hydrology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeologic network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeologic and anthropogenic variables such as precipitation, evaporation, extent of vegetation cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks. Groundwater is inferred to flow west towards the Harlem River.

The current Federal Emergency Management Agency (FEMA) Advisory Base Flood Elevation Maps include new advisory flood zone boundaries and advisory base flood elevations. This map indicates that the Subject Property falls within Zone X, which is determined to be outside the 0.2% annual chance floodplain.

4.6. Historical Use Information

Langan reviewed available historical resources (including aerial photographs, Sanborn® and topographic maps, and city directories) dated 1891 to 2014. Findings of the review are presented below.
4.6.1. Aerial Photographs

Langan reviewed aerial photographs of the Subject Property and surrounding areas for the years 1924, 1951, 1954, 1961, 1966, 1975, 1984, 1991, 1995, 2006, 2009, and 2011. The photographs indicate that the Subject Property was located in a developed urban area as early as 1924. In 1924 and 1951, the Subject Property appeared vacant, and by 1954, the current on-site building had been constructed. The Subject Property appeared relatively unchanged between 1954 and 2011. Review of the aerial photographs did not reveal evidence of RECs. Copies of aerial photographs are included in Appendix G.

4.6.2. Sanborn® Fire Insurance Maps


The Sanborn® Map review revealed that the Subject Property was situated on an urban grid as early as 1891. Until at least 1928 the Subject Property was an undeveloped lot, from at least 1935 to 1944 a diner was located in the southern portion, and from at least 1946 to 1951 the Subject Property was again vacant. By 1977, the existing on-site building was constructed, and the Subject Property appeared relatively unchanged through 2007. Review of Sanborn® Maps did not reveal evidence of RECs associated with the Subject Property.

Adjoining and surrounding properties generally housed industrial, commercial, and school buildings. Nearby historical commercial and industrial uses included the following:

- A Con Edison garage (1977 to 1984) and unspecified manufacturing (1986 to 2007) on the northern-adjointing property
- A machine shop (1949) and Con Edison service center (1977 to 1986) about 170 feet northeast of the Subject Property

Undocumented releases or spills of petroleum products or hazardous substances associated with historical use of nearby properties may have adversely affected groundwater and/or soil vapor beneath the Subject Property, and are therefore considered a REC.
4.6.3. Historical USGS Topographic Quadrangles

Langan reviewed historical USGS Topographic Quadrangle maps obtained from EDR for information regarding past uses of the Subject Property. Quadrangle maps were available for the Subject Property for the years 1897, 1898, 1900, 1947, 1956, 1966, 1979, 1997, and 2013. Based on a review of the historical topographic maps, the Subject Property has been located in a developed urban area since at least 1897, and the urban grid surrounding the Subject Property appeared relatively unchanged between 1897 and 2013. Review of the topographic maps did not reveal evidence of RECs. Copies of the topographic maps are included in Appendix I.

4.6.4. City Directories

The City Directory Abstract, obtained from EDR, is a review of available business directories, including city, cross-reference, and telephone directories, at approximately five-year intervals for the years spanning 1927 through 2014. The directory was obtained for the Subject Property and surrounding area. A copy of the City Directory Abstract report is included in Appendix J.

The Subject Property was listed under 414 Gerard Avenue and 123-129 East 144<sup>th</sup> Street (and more currently has been referenced as 125 East 144<sup>th</sup> Street). One non-residential business was listed at the Subject Property, Rocket Jewelry Box Inc. (1961 to 2014). Jewelry packaging and on-site operations may have included the use of metals and solvents containing VOCs. Undocumented releases of metals, VOCs, or other hazardous substances associated with historical operations may have adversely affected soil, groundwater, or soil vapor beneath the Subject Property.

4.6.5. Environmental Lien Search

Langan contracted EDR to conduct an environmental lien search for the Subject Property. The results of the search, which included a compilation of available data and verification of the findings with the appropriate regulatory authorities, revealed that there are no environmental liens or other Activity and Use Limitations (AUL) associated with the Subject Property. A copy of the Environmental Lien Search is included in Appendix K.
5.0 SITE RECONNAISSANCE

The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the Subject Property and progressing to the adjoining and surrounding properties. The assessment of the adjoining and surrounding properties was limited to identifying, if possible, any indications of past or current use that may involve the use, storage, disposal, or generation of hazardous substances or petroleum products; noting the general type of current use; the general topography of the surrounding area; and providing a general description of adjoining and surrounding structures.

The site reconnaissance was performed at 10:00 AM on August 25, 2017, by Michele Rogers of Langan. The weather at the time of the inspection was partly sunny and approximately 75°F.

5.1. General Site Setting and Reconnaissance Observations

The Subject Property is a rectangular-shaped lot occupied by a vacant manufacturing building with a partial cellar that was most recently occupied by a jewelry box manufacturer. The building is accessible from entrances on Gerard Avenue and East 144th Street. The partial cellar has an open layout with the exception of a boiler room in the northeastern corner and former office space along the southern wall. The first floor includes two large open rooms, two former machine rooms, former offices, bathrooms, and a loading dock. There is a pulley-operated dumbwaiter located in the center of the Subject Property. The concrete slab in both the cellar and first floor appeared to be in good condition. The roof was not accessible at the time of the site reconnaissance.

5.2. Pits, Ponds, Lagoons

Pits, ponds, or lagoons were not observed at the Subject Property.

5.3. Pools of Liquid

Pools of liquid were not observed at the Subject Property.

5.4. Storm Drains, Wells, and Cisterns

Several floor drains were observed in the building’s first floor and partial cellar; however, the discharge point(s) could not be confirmed. A stained absorbent pad was observed next to the drain in the boiler room. Staining or other evidence of chemical disposal was not observed around the remaining on-site drains. Wells and cisterns were not observed at the Subject Property.
5.5. Transformers and Other Suspect Equipment

Transformers and other suspect equipment were not observed at the Subject Property.

5.6. Storage Containers, Drums, and Chemical Storage Areas

One unlabeled, 55-gallon drum containing an oily liquid was observed in the boiler room located in the northeastern corner of the partial cellar. The drum was observed to be in good condition. Other storage containers and chemical storage areas were not observed at the Subject Property.

5.7. Sewage Ejector Pits and Sumps

Sump pumps and sewage ejector pits were not observed at the Subject Property.

5.8. Waste Generation, Storage, and Disposal

Waste generation, storage, and disposal containers were not observed at the Subject Property.

5.9. Air Emissions or Wastewater Discharges

A chimney was observed on the roof during the site reconnaissance. Wastewater discharges were not observed at the Subject Property.

5.10. USTs or ASTs

One AST was observed inside of a concrete vault in the partial cellar beneath the staircase leading from the entrance off East 144th Street. In addition, a suspect tank was observed beneath a non-descript manhole located in the southeastern part of the first floor. A fill port and vent pipe were observed on the southern side of the building, and stained absorbent pads were observed in the boiler room near the fuel oil connection pipe. During the site reconnaissance, it was unclear whether the fill port, vent pipe, and boiler room connection were associated with the observed AST or the suspect tank. Both the tank and the suspect tank are considered RECs.

5.11. Monitoring Wells or Remedial Activities

Monitoring wells and evidence of remedial activities were not observed at the Subject Property.

5.12. Stained or Discolored Soil

Stained or discolored soil was not observed at the Subject Property.
5.13. **Leachate or Seeps**

Evidence of leachate or seeps was not observed at the Subject Property.

5.14. **Adjoining and Surrounding Property Uses**

Adjoining and surrounding properties include industrial and commercial buildings and vacant warehouses. The Subject Property is bound to the north by two one-story industrial buildings, to the east by a vacant three-story industrial building, to the south by East 144th Street, and to the west by Gerard Avenue.
6.0 INTERVIEWS

6.1. Site Owner

Aaron Stickney of 125 East 144 Street Holdings, LLC was interviewed as part of the investigation. Mr. Stickney is not aware of any environmental cleanup liens, land use limitations, or environmental cleanups associated with the Subject Property. A copy of the completed questionnaire is included in Appendix B.

6.2. Site Occupants

The Subject Property is currently unoccupied.

6.3. Owners/Tenants of Adjoining Properties

Owners/tenants of adjoining properties were not interviewed as part of this Phase I ESA.
7.0 ADDITIONAL SERVICES

7.1. Radon

Radon is a colorless, odorless radioactive gas that results from the natural breakdown of uranium minerals in soil, rock, and water, which subsequently enters the atmosphere. It can concentrate in buildings, entering through cracks and other penetrations of a building foundation. Some areas are more likely to have elevated concentrations of radon than others, reflecting subsurface lithological conditions.

The USEPA has established a recommended radon action level of 4.0 pico Curies per liter (pCi/L). According to the USEPA Radon Zone Map, the Subject Property is located in Zone 3, which indicates a predicted average indoor radon screening level less than 2 pCi/L. The NYSDOH maintains a database of radon test results on a local and county level. According to the NYSDOH, 95 radon tests have been conducted in basements in the Bronx with results indicating that about 7 percent of basements have radon concentrations above the USEPA action level of 4 pCi/L. Based on this information, it is unlikely that elevated levels of radon gas are present at the Subject Property.

7.2. ACM, LBP, and PCBs

Langan completed a preliminary hazardous materials survey in September 2017 that identified asbestos-containing material (ACM), lead based paint (LBP), and polychlorinated biphenyls (PCB)-containing material at the Subject Property. These materials must be abated prior to any renovations at or redevelopment of the Subject Property.
8.0 DEVIATIONS AND DATA GAPS

8.1. Deviations

Langan performed a Phase I ESA of the Subject Property using a standard of good commercial and customary practice that is consistent with the ASTM E1527-13 and the 40 CFR Part 312 Standards and Practices for AAI. Significant deviations were not made to the above referenced standards.

8.2. Data Gaps

In order to address data gaps, additional sources of information may be consulted. According to AAI, Section 312.20 (g), "to the extent there are data gaps (as defined in section 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps." According to ASTM E1527-13, Section 8.3.2.3, "historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. If data failure is encountered, the report shall document the failure, and if any of the standard historical sources were excluded, give the reasons for the exclusion."

This Phase I ESA was completed without significant data gaps except that responses to FOIA letters have not been received from all recipients and the roof was inaccessible during the site reconnaissance. Sufficient information was provided from other sources to enable conclusions regarding RECs at the Subject Property. As such, these data gaps are not expected to alter the results of the Phase I ESA. If information becomes available that alters the conclusions of this report, an addendum will be issued.
9.0 FINDINGS, OPINIONS, AND CONCLUSIONS

This Phase I ESA was conducted in accordance with ASTM E1527-13 and the USEPA AAI Rule. The objective of this Phase I ESA was to identify the presence or likely presence, use, or release on the Subject Property of hazardous substances or petroleum products as defined in ASTM E1527-13 as a REC.

Based on information obtained during the visual inspection of the Subject Property; review of environmental databases and historic information; and contact with federal, state, and local agencies; two on-site RECs, two off-site RECs, two business environmental risks (BER), and one non-ASTM consideration were identified for the Subject Property. Controlled recognized environmental conditions (CRECs), historic recognized environmental conditions (HRECs), and de minimis conditions were not identified.

A REC is defined by ASTM E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. The Phase I ESA identified the following RECs:

REC 1 – Historical On-Site Operations

The Subject Property historically operated as a jewelry box manufacturer from about 1954 to 2016. Jewelry packaging and on-site operations may have included the use of metals and solvents containing VOCs. Undocumented releases of metals, VOCs, or other hazardous substances associated with historical operations may have adversely affected soil, groundwater, or soil vapor beneath the Subject Property.

REC 2 – On-Site PBS

One 3,000-gallon AST and a second suspect tank were observed during the August 25, 2017 site reconnaissance. The 3,000-gallon AST was also identified in the NYSDEC PBS database. A fill port and vent pipe were observed on the exterior of the southern side of the building, and stained absorbent pads were observed in the boiler room near the fuel oil connection pipe. One unlabeled, 55-gallon drum containing an oily liquid was also observed in the boiler room. Undocumented spills or releases of petroleum products or hazardous substances associated with the tanks or drum may have adversely affected soil, groundwater, or soil vapor beneath the Subject Property.
REC 3 – Current and Historical Uses of Nearby Properties

Historical uses of adjoining and surrounding properties included a machine shop (1949), a Con Edison garage (1977 to 1984), a Con Edison service center (1977 to 1986), and unspecified manufacturing (1986 to 2007). Records identify an in-service 3,000-gallon No. 2 fuel oil AST at the eastern-adjoining property since 1988. Undocumented spills or releases of petroleum products or hazardous substances associated with historical uses of nearby properties including PBS may have adversely affected groundwater or soil vapor beneath the Subject Property.

REC 4 – Nearby PCE Impacts to Soil Vapor

NYSDEC BCP Site No. C203071 (477 Gerard Avenue) is located less than 150 feet northwest of the Subject Property. A 2015 RIR identified PCE impacts to soil vapor at concentrations above the NYSDOH AGVs. The RIR did not identify the source of PCE. Based on proximity, the source of PCE impacting soil vapor at the nearby property may have the potential to affect soil vapor or groundwater beneath the Subject Property.

BER

A BER is defined by ASTM E1527-13 as a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate not necessarily limited to those environmental issues required to be investigated in this practice. The following BERs were identified for the Subject Property:

- The Subject Property has an E-Designation for hazardous materials and noise (E-227 and CEQR No. 08DCP071X), and future redevelopment is subject to review and approval by OER. The E-designation requires the owner to satisfy OER protocols prior to redevelopment and new building occupancy.
- Previous investigations conducted in the area identified historic fill material to depths of up to 20 feet bgs. Historic fill typically contains contaminant concentrations above current regulatory levels and at potentially hazardous concentrations. The presence of this material may require implementation of contaminated soil handling and management procedures during site redevelopment to address excavation, re-use, handling, and off-site disposal.

Non-ASTM Consideration

A Non-ASTM Scope Consideration is identified by ASTM E1527-13 as an environmental issue or condition at a property that parties may wish to assess in connection with commercial real
estate that is outside the scope of ASTM E1527-13. The following non-ASTM consideration was identified for the Subject Property:

Langan completed a preliminary hazardous materials survey in September 2017 that identified ACM, LBP, and PCB-containing material at the Subject Property. These materials must be abated prior to any renovations at or redevelopment of the Subject Property.
10.0 REFERENCES

The following references were reviewed as part of this Phase I ESA:


14. NYC Oasis Map http://www.oasisnyc.net/map.aspx

15. USEPA Map of Radon Zones, dated September 2014.
11.0 STATEMENT OF QUALIFICATIONS AND SIGNATURES

Langan declares that, to the best of its professional knowledge and belief, the personnel who performed this Phase I ESA meet the definition of Environmental Professional as defined in Subsection 312-10 of 40 CFR Part 312 and that they have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. They have developed and performed the AALs in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes outlining the qualifications of the Environmental Professionals who performed this Phase I ESA are included in Appendix L.

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Jason J. Hayes, PE, LEED®AP
Principle/Vice President
FIGURES
- APPROXIMATE SUBJECT PROPERTY BOUNDARY

NOTE: BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5 MINUTE SERIES CENTRAL PARK QUADRANGLE MAP, DATED 2016

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.
WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

NOTES:

1. BASEMAP SOURCE: NEAR MAP, DATED APRIL 9, 2017
2. REC = RECOGNIZED ENVIRONMENTAL CONDITION
3. PBS = PETROLEUM BULK STORAGE
4. PCE = TETRACHLOROETHENE

LEGEND:
- APPROXIMATE SUBJECT PROPERTY BOUNDARY
- APPROXIMATE OFF-SITE REC PROPERTY BOUNDARY
- INFERRED GROUNDWATER FLOW DIRECTION

REC 1 - HISTORICAL ON-SITE OPERATIONS
- JEWELRY BOX MANUFACTURER (1954 TO 2016)

REC 2 - ON-SITE PBS
- 3,000-GALLON AST (PBS NO. 2-207209)
- SUSPECT TANK IN SOUTHEASTERN ROOM
- 55-GALLON DRUM IN BOILER ROOM

REC 3 - CURRENT AND HISTORICAL USES OF NEARBY PROPERTIES
- CON EDISON GARAGE (1977 TO 1986)
- UNSPECIFIED MANUFACTURING (1986 TO 2007)

REC 4 - NEARBY PCE IMPACTS TO SOIL VAPOR

REC 5 - CURRENT AND HISTORICAL USES OF NEARBY PROPERTIES
- MACHINE SHOP 1949
- CON EDISON SERVICE CENTER (1977 TO 1986)

REC 3 - CURRENT AND HISTORICAL USES OF NEARBY PROPERTIES
- 3,000-GALLON AST (PBS NO. 2-601909)

REC 3 - CURRENT AND HISTORICAL USES OF NEARBY PROPERTIES
- MACHINE SHOP 1949
- CON EDISON SERVICE CENTER (1977 TO 1986)

REC 3 - CURRENT AND HISTORICAL USES OF NEARBY PROPERTIES
- MACHINE SHOP 1949
- CON EDISON SERVICE CENTER (1977 TO 1986)

REC 3 - CURRENT AND HISTORICAL USES OF NEARBY PROPERTIES
- MACHINE SHOP 1949
- CON EDISON SERVICE CENTER (1977 TO 1986)
APPENDIX A
Site Reconnaissance Photographs
Photo 1: View of the southeastern room on the first floor, facing northwest

Photo 2: View of the potential tank beneath the non-descript manhole in the southeastern room
Photo 3: View of the western room on the first floor, facing southwest

Photo 4: View of former electrical and mechanical connections in the northeastern room on the first floor, facing west
Photo 5: View of former machinery in the northeastern room, facing north

Photo 6: View of the dumbwaiter on the first floor, facing east
Photo 7: View of the partial cellar, facing northwest

Photo 8: View of the boiler room and 55-gallon drum containing an oily liquid, facing east
Photo 9: View of a stained absorbent pad and drain beneath the fuel oil connection pipe to the boiler

Photo 10: View beneath the staircase leading from the entrance off East 144th Street
Photo 11: View of the tank inside the concrete vault beneath the entrance off East 144th Street

Photo 12: View of the fill port and vent pipe on the southern side of the Subject Property building, facing north
APPENDIX B
User Questionnaire
ASTM PRACTICE E 1527-13: USER/CLIENT QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the User must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The User is defined as the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. These inquiries must also be conducted by the EPA Brownfield Assessment and Characterization grantees. The User should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that “all appropriate inquiries” is not complete.

General Information
User/Client Name(s): 125 East 144 Street Holdings, LLC

Property Name: 125 East 144 Street

Address: 125 East 144 Street

Bronx, NY

Property Type: Mixed Use

Type of Property Transaction:
Purchase of property ☐
Financing of property ☐
Sale of property ☐
Ground Lease ☐
Build to Suit Lease ☐

× Other Development

Reason Why Phase I ESA is required: P relate to site development

Site Contact(s): Aaron Stidham

Required Information
The citation at the end of each item (e.g. 40 CFR 312.XX) is the section of EPA's November 1, 2005 AA1 Final Rule which discusses that item.
(1.) Environmental liens that are filed or recorded against the property (40 CFR 312.28).
Did a search of recorded land title records (or judicial records, where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

Yes  No
☐  ☒

Note 1 – In certain jurisdictions, federal, tribal, state or local statutes or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

(2.) Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.22(vi));
Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

Yes  No
☐  ☒

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.23).
Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes  No
☐  ☒

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).
(a.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? [If no, proceed to Part 5.]
(b.) 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 property?

Yes  No
☐  ☒

(5.) Commonly known or reasonably known or reasonably ascertainable information about the property (40 CFR 312.30).
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

Yes  No
☐  ☒

(a.) Do you know of the past uses of the property?
(b.) Do you know of specific chemicals that are present or were present at the property?
(c.) Do you know of spills or other chemical releases that have taken place at the property?
(d.) Do you know of any environmental cleanups that have taken place at the property?

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).
Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

Yes  No
☐  ☒
Additional Information
Please provide any additional information that you feel is pertinent to the investigation:

NONE

SIGNATURE:

It is understood that the information presented in this form is an integral part of the Phase I ESA process and that Langan will evaluate and rely on this information in the development of the final Phase I ESA report.

Completed By: [Signature]
Print/Type Name: Aaron Stickney
Title: Director of Development
Company: TreeTop Development, LLC
Date: 8-31-2017
APPENDIX C
Environmental Data Resources Inc.™ Report
August 15, 2017
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*Thank you for your business.*

Please contact EDR at 1-800-352-0050 with any questions or comments.

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

**TARGET PROPERTY INFORMATION**

**ADDRESS**

414 GERARD AVE  
BRONX, NY 10451

**COORDINATES**

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**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

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**AERIAL PHOTOGRAPHY IN THIS REPORT**

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## Mapped Sites Summary

### Target Property Address:
414 Gerard Ave  
Bronx, NY 10451

Click on Map ID to see full detail.

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<th>SITE NAME</th>
<th>ADDRESS</th>
<th>DATABASE ACRONYMS</th>
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### MAPPED SITES SUMMARY

**Target Property Address:**
414 GERARD AVE  
BRONX, NY 10451

Click on Map ID to see full detail.

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### MAPPED SITES SUMMARY

**Target Property Address:**
414 GERARD AVE  
BRONX, NY 10451

Click on Map ID to see full detail.

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<th>MAP ID</th>
<th>SITE NAME</th>
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<th>DATABASE ACRONYMS</th>
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Target Property Address:
414 GERARD AVE
BRONX, NY 10451

Click on Map ID to see full detail.

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<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
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EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

**Federal NPL site list**

- NPL: National Priority List
- Proposed NPL: Proposed National Priority List Sites
- NPL LIENS: Federal Superfund Liens

**Federal Delisted NPL site list**

- Delisted NPL: National Priority List Deletions

**Federal CERCLIS list**

- FEDERAL FACILITY: Federal Facility Site Information listing
- SEMS: Superfund Enterprise Management System

**Federal CERCLIS NFRAP site list**

- SEMS-ARCHIVE: Superfund Enterprise Management System Archive

**Federal RCRA CORRACTS facilities list**

- CORRACTS: Corrective Action Report

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

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

**Federal institutional controls / engineering controls registries**

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

**Federal ERNS list**

- ERNS: Emergency Response Notification System

**State and tribal leaking storage tank lists**

- INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
EXECUTIVE SUMMARY

NY HIST LTANKS, Listing of Leaking Storage Tanks

State and tribal registered storage tank lists
FEMA UST, Underground Storage Tank Listing
NY CBS UST, Chemical Bulk Storage Database
NY MOSF UST, Major Oil Storage Facilities Database
NY MOSF, Major Oil Storage Facility Site Listing
NY MOSF AST, Major Oil Storage Facilities Database
INDIAN UST, Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries
NY RES DECL, Restrictive Declarations Listing

State and tribal voluntary cleanup sites
INDIAN VCP, Voluntary Cleanup Priority Listing

State and tribal Brownfields sites
NY ERP, Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites
NY SWATIRE, Registered Waste Tire Storage & Facility List
INDIAN ODI, Report on the Status of Open Dumps on Indian Lands
ODI, Open Dump Inventory
DEBRIS REGION 9, Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS, Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites
US HIST CDL, Delisted National Clandestine Laboratory Register
NY DEL SHWS, Delisted Registry Sites
US CDL, National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks
NY HIST UST, Historical Petroleum Bulk Storage Database
NY HIST AST, Historical Petroleum Bulk Storage Database

Local Land Records
NY LIENS, Spill Liens Information
LIENS 2, CERCLA Lien Information

Records of Emergency Release Reports
HMIRS, Hazardous Materials Information Reporting System
NY Hist Spills, SPILLS Database
NY SPILLS 90, SPILLS 90 data from FirstSearch
**EXECUTIVE SUMMARY**

NY SPILLS 80, SPILLS 80 data from FirstSearch

### Other Ascertainable Records

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<td>Department of Defense Sites</td>
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<td>SCRD DRYCLEANERS</td>
<td>State Coalition for Remediation of Drycleaners Listing</td>
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<td>Financial Assurance Information</td>
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<td>2020 COR ACTION</td>
<td>2020 Corrective Action Program List</td>
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<td>Toxic Substances Control Act</td>
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<td>ROD</td>
<td>Records Of Decision</td>
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<td>RAAATS</td>
<td>RCRA Administrative Action Tracking System</td>
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<td>Potentially Responsible Parties</td>
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<tr>
<td>PADS</td>
<td>PCB Activity Database System</td>
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<tr>
<td>FTTS</td>
<td>FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, &amp; Rodenticide Act)/TSCA (Toxic Substances Control Act)</td>
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<td>MLTS</td>
<td>Material Licensing Tracking System</td>
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<td>COAL ASH DOE</td>
<td>Steam-Electric Plant Operation Data</td>
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<tr>
<td>PCB TRANSFORMER</td>
<td>PCB Transformer Registration Database</td>
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<td>RADINFO</td>
<td>Radiation Information Database</td>
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<td>HIST FTTS</td>
<td>FIFRA/TSCA Tracking System Administrative Case Listing</td>
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<td>ABANDONED MINES</td>
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<td>UXO</td>
<td>Unexploded Ordnance Sites</td>
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<td>DOCKET HWC</td>
<td>Hazardous Waste Compliance Docket Listing</td>
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<td>EPA Fuels Program Registered Listing</td>
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<td>Air Emissions Data</td>
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<td>NY COAL ASH</td>
<td>Coal Ash Disposal Site Listing</td>
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<td>Hazardous Substance Waste Disposal Site Inventory</td>
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<td>NY UIC</td>
<td>Underground Injection Control Wells</td>
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**EDR HIGH RISK HISTORICAL RECORDS**

**EDR Exclusive Records**

EDR Hist Cleaner, EDR Exclusive Historic Dry Cleaners

**EDR RECOVERED GOVERNMENT ARCHIVES**

**Exclusive Recovered Govt. Archives**

NY RGA HWS, Recovered Government Archive State Hazardous Waste Facilities List
SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

**Federal RCRA generators list**

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

A review of the RCRA-LQG list, as provided by EDR, and dated 12/12/2016 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON EDISON - VAULT S</td>
<td>385 GERARD AVE</td>
<td>SW 0 - 1/8 (0.036 mi.)</td>
<td>A22</td>
<td>43</td>
</tr>
<tr>
<td>PROW BUILDING</td>
<td>560 EXTERIOR ST</td>
<td>N 1/8 - 1/4 (0.164 mi.)</td>
<td>R142</td>
<td>373</td>
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</table>

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

A review of the RCRA-SQG list, as provided by EDR, and dated 12/12/2016 has revealed that there are 8 RCRA-SQG sites within approximately 0.25 miles of the target property.

<table>
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<tr>
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<th>Address</th>
<th>Direction / Distance</th>
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<tr>
<td>MTA NYCT - PUMP ROOM</td>
<td>479 WALTON AVE</td>
<td>NE 0 - 1/8 (0.055 mi.)</td>
<td>E40</td>
<td>73</td>
</tr>
<tr>
<td>MERIT OIL CORP</td>
<td>370 GRAND CONCOURSE</td>
<td>SE 0 - 1/8 (0.112 mi.)</td>
<td>G94</td>
<td>193</td>
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<tr>
<td>DORMITORY AUTHORITY</td>
<td>500 GRAND CONCOURSE</td>
<td>ENE 1/8 - 1/4 (0.136 mi.)</td>
<td>K114</td>
<td>244</td>
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<td>US POSTAL SERVICE -</td>
<td>580 GERARD AVE</td>
<td>NNE 1/8 - 1/4 (0.230 mi.)</td>
<td>V200</td>
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<tr>
<td>NYCDO/T/145 STREET BR</td>
<td>145TH ST BRG OVER HA</td>
<td>NW 1/8 - 1/4 (0.198 mi.)</td>
<td>167</td>
<td>430</td>
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<tr>
<td>B P PRODUCTS NORTH A</td>
<td>115 E 138TH ST</td>
<td>SSW 1/8 - 1/4 (0.236 mi.)</td>
<td>Z206</td>
<td>549</td>
</tr>
<tr>
<td>NYS ARMORY</td>
<td>5TH AVE</td>
<td>WNW 1/8 - 1/4 (0.240 mi.)</td>
<td>AC210</td>
<td>560</td>
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</table>
RCRA-CESQG: RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/12/2016 has revealed that there are 6 RCRA-CESQG sites within approximately 0.25 miles of the target property.

**State- and tribal - equivalent CERCLIS**

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

A review of the NY SHWS list, as provided by EDR, and dated 05/16/2017 has revealed that there are 6 NY SHWS sites within approximately 1 mile of the target property.
NY VAPOR REOPENED: “Vapor intrusion” refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Improvements in analytical techniques and knowledge gained from site investigations in New York and other states has led to an increased awareness of soil vapor as a medium of concern and of the potential for exposures from the soil vapor intrusion pathway. Based on this additional information, New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

A review of the NY VAPOR REOPENED list, as provided by EDR, and dated 06/01/2016 has revealed that there is 1 NY VAPOR REOPENED site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
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<tr>
<td>2350 FIFTH AVENUE CO</td>
<td>2350 5TH AVE</td>
<td>W 1/4 - 1/2 (0.258 mi.)</td>
<td>AD218</td>
<td>593</td>
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</table>

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

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

A review of the NY SWF/LF list, as provided by EDR, and dated 01/04/2017 has revealed that there are 3 NY SWF/LF sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
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<tr>
<td>BRONX COUNTY RECYCLER</td>
<td>475 EXTERIOR STREET</td>
<td>NW 0 - 1/8 (0.064 mi.)</td>
<td>B50</td>
<td>90</td>
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<tr>
<td>CON ED - EXTERIOR ST</td>
<td>281 EXTERIOR ST</td>
<td>SSW 1/8 - 1/4 (0.159 mi.)</td>
<td>O137</td>
<td>347</td>
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<td>YOUNG CONTRACTING CO</td>
<td>2501 THIRD AVENUE</td>
<td>S 1/4 - 1/2 (0.462 mi.)</td>
<td>AJ248</td>
<td>763</td>
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</table>

State and tribal leaking storage tank lists

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

A review of the NY LTANKS list, as provided by EDR, and dated 05/16/2017 has revealed that there are 47 NY LTANKS sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
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<td>CHAIRMASTERS INC-200</td>
<td>200 E 146TH ST</td>
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<td>Program Number</td>
<td>Address</td>
<td>Date</td>
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<tr>
<td>0801696 / 2010-09-13</td>
<td>397682</td>
<td>0801696</td>
<td>HOSTOS COMMUNITY COL</td>
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<td>0409591</td>
<td>CLOSED-LACKOF RECENT</td>
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<td>9312938 / 1994-02-02</td>
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<td>9312938</td>
<td>HIPPODROME SVCS</td>
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<td>0007591 / 2004-10-01</td>
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<td>GRAND CONCOURSE REAL</td>
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<td>9801301 / 2003-03-03</td>
<td>142990</td>
<td>9801301</td>
<td>CARMEL HAYS HIGH SCH</td>
<td>9414927</td>
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<tr>
<td>1206812 / 2015-08-28</td>
<td>498829</td>
<td>1206812</td>
<td>LINCOLN HOSPITAL</td>
<td>9414927</td>
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<tr>
<td>234 EAST 149TH ST</td>
<td>1206812</td>
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<td>LINCOLN MEDICAL CENT</td>
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<td>730 GRAND CONCOURSE</td>
<td>234 EAST 149TH ST</td>
<td>730 GRAND CONCOURSE</td>
<td>1502628 / Not Reported</td>
<td>1995-02-24</td>
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<td>560 LINCOLN AVENUE</td>
<td>508906</td>
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<td>730 GRAND CONCOURSE</td>
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TC5022723.2s EXECUTIVE SUMMARY 15
## EXECUTIVE SUMMARY

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<td>740 GRAND CONCOURSE NNE 1/4 - 1/2 (0.480 mi.) 251 768</td>
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<td>101-165 W 146TH ST/B</td>
<td>1010165 WEST 146TH S</td>
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<td>Site ID: 245732</td>
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<td>Spill Number/Closed Date: 9909670 / 2008-11-13</td>
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## EXECUTIVE SUMMARY

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<td>9208519 / 2003-03-20</td>
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<td>9311787 / 1994-01-04</td>
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<td>9007668 / 2001-05-11</td>
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<td>9808791 / 1998-10-15</td>
<td>163031</td>
<td>9808791</td>
<td>SPILL NUMBER 9808791</td>
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<tr>
<td>146TH ST &amp; LENOX</td>
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<td>NYC TRANSIT</td>
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Spill Number/Closed Date: 8607426 / 1987-03-07
Site ID: 163341
Program Number: 8607426

Spill Number/Closed Date: 9101289 / 2007-02-02
Site ID: 297794
Program Number: 9101289

Spill Number/Closed Date: 9007668 / 2001-05-11
Site ID: 231377
Program Number: 9007668

Spill Number/Closed Date: 9808791 / 1998-10-15
Site ID: 163031
Program Number: 9808791

Spill Number/Closed Date: 146TH ST & LENOX
Site ID: 146TH ST & LENOX
Program Number: 146TH ST & LENOX
Spill Number/Closed Date: 0009127 / 2002-07-10
Site ID: 138340
Program Number: 0009127

APARTMENT  635 MORRIS AVE  ENE 1/4 - 1/2 (0.420 mi.)  237  719
Spill Number/Closed Date: 0800658 / 2008-06-12
Site ID: 396446
Program Number: 0800658

P & R FIXTURES CORP  271 E 139TH ST  SSE 1/4 - 1/2 (0.424 mi.)  238  721
Spill Number/Closed Date: 9914720 / 2004-01-23
Site ID: 102522
Program Number: 9914720

CLARA HALE (146 STRE)  721 LENOX AVENUE  NW 1/4 - 1/2 (0.427 mi.)  AH240  724
Spill Number/Closed Date: 1511105 / 2016-04-25
Site ID: 522825
Program Number: 1511105

CONTAINMENT AREA  721 LENOX AVE  NW 1/4 - 1/2 (0.427 mi.)  AH241  737
Spill Number/Closed Date: 1602684 / 2016-06-27
Site ID: 529102
Program Number: 1602684

MOTHER CLARA HALE (1)  721 LENOX AVE  NW 1/4 - 1/2 (0.427 mi.)  AH242  739
Spill Number/Closed Date: 8904241 / 2005-06-30
Spill Number/Closed Date: 9304003 / 2000-12-27
Spill Number/Closed Date: 9106264 / 2000-12-27
Spill Number/Closed Date: 9110782 / 2003-02-12
Spill Number/Closed Date: 9213322 / 2003-02-10
*Additional key fields are available in the Map Findings section
Site ID: 212329
Site ID: 158428
Site ID: 95163
Site ID: 95164
Site ID: 95165
*Additional key fields are available in the Map Findings section
Program Number: 8904241
Program Number: 9304003
Program Number: 9106264
Program Number: 9110782
Program Number: 9213322
*Additional key fields are available in the Map Findings section

SAVOY PARK APT  620 LENNOX AVE  W 1/4 - 1/2 (0.450 mi.)  AI244  759
Spill Number/Closed Date: 1408982 / 2015-02-19
Site ID: 502581
Program Number: 1408982

101-125 WEST 147TH S  101-125 WEST 147TH S  NW 1/4 - 1/2 (0.458 mi.)  246  761
Spill Number/Closed Date: 9308461 / 1994-05-16
Site ID: 278382
Program Number: 9308461

RIVERTON APARTMENTS  2225-2237 5TH AVE  SW 1/4 - 1/2 (0.462 mi.)  247  762
Spill Number/Closed Date: 0313699 / 2006-06-19
Site ID: 290631
Program Number: 0313699

101 W 140TH ST  101 W 140TH ST  W 1/4 - 1/2 (0.463 mi.)  AI250  766
Spill Number/Closed Date: 9814882 / 2003-11-19
EXECUTIVE SUMMARY

Spill Number/Closed Date: 9514579 / 1996-11-22
Site ID: 318950
Site ID: 283313
Program Number: 9814882
Program Number: 9514579

120-128 WEST 145TH S
Spill Number/Closed Date: 9210186 / 1994-07-22
Site ID: 220577
Program Number: 9210186

120-128 W.145TH ST
Spill Number/Closed Date: 8606425 / 1987-08-21
Site ID: 181462
Program Number: 8606425

LINCOLN
Spill Number/Closed Date: 9104756 / 1991-08-02
Site ID: 214153
Program Number: 9104756

State and tribal registered storage tank lists
NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation’s Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 25 NY UST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
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<tr>
<td>HOSTOS COMMUNITY COL</td>
<td>427 WALTON AVENUE</td>
<td>ENE 0 - 1/8 (0.014 mi.)</td>
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<td>CHAIRMASTERS INC-200</td>
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<td>U-HAUL CO OF METRO N</td>
<td>368 WALTON AVENUE</td>
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<td>G54</td>
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<tr>
<td>HOSTOS COMMUNITY COL</td>
<td>475 GRAND CONCOURSE</td>
<td>NE 0 - 1/8 (0.102 mi.)</td>
<td>E78</td>
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<tr>
<td>MERIT GRAND CONCOURS</td>
<td>370 GRAND CONCOURSE</td>
<td>SSE 0 - 1/8 (0.107 mi.)</td>
<td>G86</td>
<td>164</td>
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<td>GRAND CONCOURSE PETR</td>
<td>350 GRAND CONCOURSE</td>
<td>SE 0 - 1/8 (0.112 mi.)</td>
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<tr>
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<td>500 GRAND CONCOURSE</td>
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<td>310 WALTON AVENUE</td>
<td>310 WALTON AVENUE</td>
<td>S 1/8 - 1/4 (0.139 mi.)</td>
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<tr>
<td>BOULEVARD CAR WASH O</td>
<td>315 GRAND CONCOURSE</td>
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<td>JOSE PEREZ</td>
<td>557 GRAND CONCOURSE</td>
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<td>BRONX LANDMARK</td>
<td>558-582 GRAND CONCOURS</td>
<td>NE 1/8 - 1/4 (0.174 mi.)</td>
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### EXECUTIVE SUMMARY

#### Equal/Higher Elevation

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<tr>
<td>580 GERARD AVENUE</td>
<td>NNE 1/8 - 1/4 (0.230 mi.)</td>
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<td>475 EXTERIOR STREET</td>
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<tr>
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<td>350 GERARD AVENUE</td>
<td>SSW 0 - 1/8 (0.097 mi.)</td>
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</table>

### NY CBS:

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

A review of the NY CBS list, as provided by EDR, and dated 12/28/2016 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Address</th>
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<tbody>
<tr>
<td>375 RIDER AVE.</td>
<td>SE 1/8 - 1/4 (0.237 mi.)</td>
<td>W208</td>
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<tr>
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<tr>
<td>CBS Number: 2-000026</td>
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NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation’s Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 29 NY AST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
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<tr>
<td>ROCKET JEWELRY BOX I</td>
<td>125 EAST 144TH STREET</td>
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<td>COATS NORTH AMERICA</td>
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<td>GRAND CONCOURSE U-HA</td>
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<td>BEN-GOMO REALTY, INC</td>
<td>301 WALTON AVENUE</td>
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<td>PEGUERO BROTHERS REP</td>
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<td>BOULEVARD CAR WASH O</td>
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<td>ENGINE COMPANY 41</td>
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<td>BRONX LANDMARK</td>
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### EXECUTIVE SUMMARY

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<td>385 GERARD AVENUE</td>
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<td>A.C. AUTO WRECKING C</td>
<td>475 GERARD AVENUE</td>
<td>N 0 - 1/8 (0.057 mi.)</td>
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<td>BRONX COUNTY RECYCLING</td>
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<td>MONTAUK STUDENT TRANSPORT</td>
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<td>BP#13990</td>
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<td>S 1/8 - 1/4 (0.157 mi.)</td>
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<td>585 GERARD AVENUE CO</td>
<td>585 GERARD AVENUE</td>
<td>N 1/8 - 1/4 (0.180 mi.)</td>
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<td>AMERICAN SELF STORAG</td>
<td>586 RIVER AVENUE / 5</td>
<td>N 1/8 - 1/4 (0.206 mi.)</td>
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<td>DENCO DISTRIBUTORS I</td>
<td>388 CANAL PLACE</td>
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<td>376 CANAL PL</td>
<td>376 CANAL PLACE</td>
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<td>E.M.T.C. REALTY CORP</td>
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<td>NYS ARMORY</td>
<td>5TH AVE</td>
<td>WNW 1/8 - 1/4 (0.240 mi.)</td>
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<td>METROPOLITAN ROOFING</td>
<td>355 MAJOR DEEGAN BLV</td>
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NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is...
1 NY CBS AST site within approximately 0.25 miles of the target property.

<table>
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<tr>
<th>Lower Elevation</th>
<th>Address</th>
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<tr>
<td><strong>POWER CHEM. CO. INC.</strong></td>
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<td>SE 1/8 - 1/4 (0.237 mi.)</td>
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NY TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the NY TANKS list, as provided by EDR, has revealed that there are 2 NY TANKS sites within approximately 0.25 miles of the target property.

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NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 05/16/2017 has revealed that there are 4 NY ENG CONTROLS sites within approximately 0.5 miles of the target property.

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<tr>
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<td>730 CONCOURSE VILLAG</td>
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<td>2350 5TH AVE</td>
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<td><strong>FORMER Q &amp; C SERVICE</strong></td>
<td>255 EAST 138TH STREET</td>
<td>SSE 1/4 - 1/2 (0.394 mi.)</td>
<td>AG235</td>
<td>675</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>2477 THIRD AVENUE PR</strong></td>
<td>2477 THIRD AVENUE</td>
<td>S 1/4 - 1/2 (0.483 mi.)</td>
<td>254</td>
<td>772</td>
</tr>
</tbody>
</table>
Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 05/16/2017 has revealed that there are 4 NY INST CONTROL sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>FORMER METRO NORTH P</td>
<td>730 CONCOURSE VILLAG</td>
<td>NE 1/4 - 1/2 (0.493 mi.)</td>
<td>258</td>
<td>804</td>
</tr>
<tr>
<td>Site Code: 335960</td>
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<td></td>
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Lower Elevation

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<th>Direction / Distance</th>
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<tbody>
<tr>
<td>FORMER METRO NORTH P</td>
<td>258</td>
<td>335960</td>
<td></td>
</tr>
</tbody>
</table>

State and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites’ productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, has revealed that there is 1 NY VCP site within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
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</tr>
</thead>
<tbody>
<tr>
<td>2350 FIFTH AVENUE W</td>
<td>AD217</td>
<td>57692</td>
<td>592</td>
</tr>
</tbody>
</table>

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 05/16/2017 has revealed that there are 5 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
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<th>Map ID</th>
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<tr>
<td>FORMER METRO NORTH P</td>
<td>730 CONCOURSE VILLAG</td>
<td>NE 1/4 - 1/2 (0.493 mi.)</td>
<td>258</td>
<td>804</td>
</tr>
<tr>
<td>Site Code: 335960</td>
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Lower Elevation

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<tbody>
<tr>
<td>2350 FIFTH AVENUE W</td>
<td>AD217</td>
<td>57692</td>
<td>592</td>
</tr>
<tr>
<td>FORMER G &amp; C SERVICE</td>
<td>AG235</td>
<td>493435</td>
<td>675</td>
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<tr>
<td>255 EAST 138TH STREE</td>
<td>AG235</td>
<td>444720</td>
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</tbody>
</table>
EXECUTIVE SUMMARY

Site Code: 444720
198 EAST 135TH STREE  198 EAST 135TH STREE  S 1/4 - 1/2 (0.463 mi.)  249  764
Site Code: 520537
2477 THIRD AVENUE PR  2477 THIRD AVENUE  S 1/4 - 1/2 (0.483 mi.)  254  772

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists
US BROWNFIELDS: The EPA’s listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 03/02/2017 has revealed that there are 2 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
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<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>MILL POND PARK/PIER</td>
<td>65 EAST 149TH STREET</td>
<td>NNW 1/8 - 1/4 (0.193 mi.)</td>
<td>U158</td>
<td>406</td>
</tr>
<tr>
<td>RIDER AVENUE GAS STA</td>
<td>250 EAST 138TH STREET</td>
<td>SSE 1/4 - 1/2 (0.390 mi.)</td>
<td>AG232</td>
<td>670</td>
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</table>

Local Lists of Landfill / Solid Waste Disposal Sites
Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 01/04/2017 has revealed that there are 2 NY SWRCY sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
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<tbody>
<tr>
<td>ECOLOGY RECYCLING PL</td>
<td>321 CANAL PLACE</td>
<td>SSE 1/8 - 1/4 (0.240 mi.)</td>
<td>Y212</td>
<td>581</td>
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<tr>
<td>SINIGEEN LLC/DBA FIR</td>
<td>2505 THIRD AVENUE #1</td>
<td>S 1/4 - 1/2 (0.453 mi.)</td>
<td>AJ245</td>
<td>760</td>
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Records of Emergency Release Reports
NY Spills: Data collected on spills reported to NYSDEC, is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 05/16/2017 has revealed that there are 20 NY Spills sites within approximately 0.125 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
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<tbody>
<tr>
<td>MANHOLE # 9489</td>
<td>WALTON AVE EAST 144T</td>
<td>ESE 0 - 1/8 (0.033 mi.)</td>
<td>A18</td>
<td>38</td>
</tr>
<tr>
<td>Spill Number/Closed Date: 0312991 / 2004-06-01</td>
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### EXECUTIVE SUMMARY

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<tr>
<td><strong>ROCCO MANNILIO</strong></td>
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<tr>
<td><strong>Spill Number/Closed Date:</strong> 1110478 / 2011-11-28</td>
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<tr>
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<tr>
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<tbody>
<tr>
<td><strong>FORMER SCHOOL PS31X</strong></td>
</tr>
<tr>
<td><strong>Spill Number/Closed Date:</strong> 0706095 / 2008-01-28</td>
</tr>
<tr>
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<tr>
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<tbody>
<tr>
<td><strong>U HAUL #803-68</strong></td>
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<tr>
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<tr>
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<tr>
<td><strong>Site ID:</strong> 207038</td>
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| Spill Number/Closed Date: 9307897 / 2002-04-10 |
| **spillno:** 9307897 |

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<tbody>
<tr>
<td><strong>CON EDISON</strong></td>
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<tr>
<td><strong>Spill Number/Closed Date:</strong> 1011979 / 2011-03-04</td>
</tr>
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<tr>
<td><strong>Site ID:</strong> 445881</td>
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<tbody>
<tr>
<td><strong>475 WALTON AVENUE</strong></td>
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<tr>
<td><strong>Spill Number/Closed Date:</strong> 9512362 / 2003-02-11</td>
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<tr>
<td><strong>spillno:</strong> 9512362</td>
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<thead>
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<tbody>
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<td><strong>475 GRAND CONCOURSE</strong></td>
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<tbody>
<tr>
<td><strong>MERIT GRAND CONCOURS</strong></td>
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<td><strong>Spill Number/Closed Date:</strong> 9814075 / Not Reported</td>
</tr>
<tr>
<td><strong>spillno:</strong> 9814075</td>
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<tr>
<td><strong>Site ID:</strong> 202878</td>
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<tbody>
<tr>
<td><strong>LOT 42, TAXBLOCK 2341</strong></td>
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<tr>
<td><strong>Spill Number/Closed Date:</strong> 0111974 / Not Reported</td>
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<td><strong>spillno:</strong> 0111974</td>
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<tbody>
<tr>
<td><strong>WALTON AVE-138 &amp; 140</strong></td>
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<td><strong>Spill Number/Closed Date:</strong> 9405257 / 1994-07-18</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>141ST ST &amp; GRAND CONC</strong></td>
</tr>
<tr>
<td><strong>Spill Number/Closed Date:</strong> 8807934 / 1989-01-01</td>
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<td><strong>spillno:</strong> 8807934</td>
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<tr>
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<tr>
<td><strong>Address:</strong> WEST GERARD AVE/146T</td>
</tr>
<tr>
<td><strong>Spill Number/Closed Date:</strong> 0607762 / 2007-08-20</td>
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<tr>
<td><strong>spillno:</strong> 0607762</td>
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<td><strong>Site ID:</strong> 371579</td>
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EXECUTIVE SUMMARY

Spill Number/Closed Date: 0604618 / 2007-03-19
Spill Number/Closed Date: 0205576 / 2004-01-14
spillno: 0604618
spillno: 0205576
Site ID: 367628
Site ID: 288208
Site ID: 288208

**BRONX COUNTY RECYCLING**

Spill Number/Closed Date: 0604618 / 2007-03-19
spillno: 0604618
Site ID: 245003
Site ID: 245003

**Site ID: 367628**

**EXTERIOR ST & MAJOR DEEGAN EXPRESS**

Spill Number/Closed Date: 0008417 / 2000-11-02
spillno: 0008417
Site ID: 137498
Site ID: 137498

**Site ID: 288208**

**NORTHBOUD SERVICE RD**

Spill Number/Closed Date: 0610701 / 2007-07-25
spillno: 0610701
Site ID: 375192
Site ID: 375192

**Site ID: 288208**

**PHASE 2**

Spill Number/Closed Date: 1407530 / Not Reported
spillno: 1407530
Site ID: 501049
Site ID: 501049

**Site ID: 288208**

**ATLANTIC EXPRESS - E**

Spill Number/Closed Date: 0503991 / 2005-07-06
spillno: 0503991
Site ID: 348703
Site ID: 348703

**Site ID: 288208**

**MANHOLE #3861**

Spill Number/Closed Date: 0410680 / 2005-12-27
spillno: 0410680
Site ID: 335712
Site ID: 335712

**Site ID: 288208**

**MANHOLE #4492**

Spill Number/Closed Date: 0311223 / 2004-03-10
spillno: 0311223
Site ID: 225922
Site ID: 225922

**Site ID: 288208**

**Other Ascertainable Records**

RCRA NonGen / NLR: RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/12/2016 has revealed that there are 54 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.
## EXECUTIVE SUMMARY

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<thead>
<tr>
<th>Equal/Higher Elevation</th>
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<th>Map ID</th>
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<tbody>
<tr>
<td>CON EDISON</td>
<td>E 140TH ST &amp; WALTON</td>
<td>S 0 - 1/8 (0.125 mi.)</td>
<td>J108</td>
<td>224</td>
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<td>CON EDISON</td>
<td>WALTON AVE &amp; E 140TH</td>
<td>S 0 - 1/8 (0.125 mi.)</td>
<td>J109</td>
<td>224</td>
</tr>
<tr>
<td>B &amp; M LINEN CORP</td>
<td>310 WALTON AVE</td>
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<td>J123</td>
<td>279</td>
</tr>
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<td>CON EDISON</td>
<td>E 149TH ST &amp; GRAND C</td>
<td>NE 1/8 - 1/4 (0.140 mi.)</td>
<td>Q125</td>
<td>286</td>
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<td>315 G C CITGO-315 GR</td>
<td>315 GRAND CONCOURSE</td>
<td>S 1/8 - 1/4 (0.157 mi.)</td>
<td>P134</td>
<td>337</td>
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<tr>
<td>AMOCO SERVICE STATIO</td>
<td>557 GRAND CONCOURSE</td>
<td>NE 1/8 - 1/4 (0.160 mi.)</td>
<td>Q138</td>
<td>351</td>
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<tr>
<td>557 GRAND CONCOURSE</td>
<td>602 WALTON AVE</td>
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<td>CON EDISON</td>
<td>580 GERARD AVE</td>
<td>NNE 1/8 - 1/4 (0.218 mi.)</td>
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<td>STONE SERVICES INC</td>
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<td>BARKLEY BUILDING</td>
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<td>SPORT SCREEN INC</td>
<td>385 GERARD AVE 2ND F</td>
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<td>S &amp; S INDUSTRIES INC</td>
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<td>C27</td>
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<td>NORTHEAST LAMP RECYC</td>
<td>385 GERARD AVE - MAI</td>
<td>SSW 0 - 1/8 (0.042 mi.)</td>
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<td>S &amp; S INDUSTRIES INC</td>
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<td>COPAKE VALLEY FARM L</td>
<td>475 EXTERIOR ST</td>
<td>NW 0 - 1/8 (0.064 mi.)</td>
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<td>89</td>
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NY E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the NY E DESIGNATION list, as provided by EDR, and dated 11/08/2016 has revealed that there are 28 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

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NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/30/2017 has revealed that there are 55 NY MANIFEST sites within approximately 0.25 miles of the target property.

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EXECUTIVE SUMMARY

EPA ID: NYP004607511
CON EDISON SERVICE B 450 GRAND CONCOURSE ENE 0 - 1/8 (0.101 mi.) K77 132
EPA ID: NYP004474821
HOSTOS COMMUNITY COL 475 GRAND CONCOURSE NE 0 - 1/8 (0.102 mi.) E78 134
EPA Id: NYD987036100
MERIT OIL CORP 370 GRAND CONCOURSE SE 0 - 1/8 (0.112 mi.) G94 193
EPA Id: NYR000179218
DORMITORY AUTHORITY 500 GRAND CONCOURSE ENE 1/8 - 1/4 (0.136 mi.) K114 244
EPA ID: NYR000137091
HOSTOS COMMUNITY COL 427 WALTON AVE ENE 1/8 - 1/4 (0.136 mi.) K115 251
EPA ID: NYD000002733
HIPPODROME SVCS 310 WALTON AVE S 1/8 - 1/4 (0.139 mi.) J122 277
EPA ID: NY0000002733
B & M LINEN CORP 310 WALTON AVE S 1/8 - 1/4 (0.139 mi.) J123 279
EPA ID: NY000000137
MTA NYCT - 149TH ST E 149TH ST & GRAND C NE 1/8 - 1/4 (0.140 mi.) Q124 283
EPA ID: NYP004657730
CON EDISON E 149TH ST & GRAND C NE 1/8 - 1/4 (0.140 mi.) Q125 286
EPA ID: NYD982727885
AMOCO SERVICE STATIO 557 GRAND CONCOURSE NE 1/8 - 1/4 (0.160 mi.) Q138 351
EPA ID: NYD012261244
USPS - BRONX 558 GRAND CONCOURSE NE 1/8 - 1/4 (0.174 mi.) Q149 386
Generator EPA Id: NY8180000137
CON EDISON 161 E 150 ST F/O NE 1/8 - 1/4 (0.201 mi.) T170 436
EPA ID: NYP004565730
US POSTAL SERVICE - 580 GERARD AVE NNE 1/8 - 1/4 (0.230 mi.) V200 527
EPA ID: NYD982727885

Lower Elevation Address Direction / Distance Map ID Page
STONE SERVICES INC 445 GERARD AVE NW 0 - 1/8 (0.023 mi.) A14 31
EPA ID: NYD012261244
CON EDISON 385 GERARD AVE SW 0 - 1/8 (0.036 mi.) A20 40
EPA ID: NYP004713277
S & S INDUSTRIES INC 385 GERARD AVE SSW 0 - 1/8 (0.042 mi.) C32 59
EPA ID: NYD052801990
WEDTECH CORP 350 GERARD AVE SSW 0 - 1/8 (0.097 mi.) I72 121
EPA ID: NYD982273757
CON EDISON 351 RIVER AVE SSW 0 - 1/8 (0.100 mi.) I75 128
EPA ID: NYP004582789
CONSOLIDATED EDISON 355 EXTERIOR ST OPEX WSW 0 - 1/8 (0.110 mi.) H88 177
EPA ID: NYP004125738
CON EDISON MANHOLE 4 GERARD AVE & E 140TH SSW 0 - 1/8 (0.124 mi.) I105 216
EPA Id: NYP004245635
CON EDISON MANHOLE: 291 EXTERIOR ST SW 0 - 1/8 (0.124 mi.) I107 221
EPA ID: NYP004282141
CON EDISON MANHOLE 4 E 149TH ST & GERARD N 1/8 - 1/4 (0.127 mi.) M110 226
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EXECUTIVE SUMMARY

EPA ID: NYP000856674

**CON EDISON**
EPA ID: NYP004146965

**AJAX AUTOMOTIVE**
EPA ID: NYR000030262

**POWER CHEMICAL CO IN**
EPA ID: NYD001549633

**B P PRODUCTS NORTH A**
EPA ID: NYR000130468

**NYS ARMORY**
EPA Id: NY0000452995

**NEW YORK STATE ARMOR**
EPA ID: NYR000207282

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2015 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

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<th>Direction / Distance</th>
<th>Map ID</th>
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<td>USPS - BRONX</td>
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Generator EPA Id: NY8180000137

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2016 has revealed that there are 20 NJ MANIFEST sites within approximately 0.25 miles of the target property.

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Lower Elevation

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EDR EXCLUSIVE RECORDS

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR’s researchers. Manufactured gas sites were used in the United States from the 1800’s to 1950’s to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.
EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR’s review was limited to those categories of sources that might, in EDR’s opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as “High Risk Historical Records”, or HRHR. EDR’s HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 11 EDR Hist Auto sites within approximately 0.125 miles of the target property.

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Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

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This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.
### Map Findings Summary

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### EDR HIGH RISK HISTORICAL RECORDS

**EDR Exclusive Records**
- EDR MGP: 1.000
- EDR Hist Auto: 0.125
- EDR Hist Cleaner: 0.125

**EDR RECOVERED GOVERNMENT ARCHIVES**

**Exclusive Recovered Govt. Archives**
- NY RGA HWS: TP
- NY RGA LF: TP

- Totals --
  - EDR MGP: 0
  - EDR Hist Auto: 11
  - EDR Hist Cleaner: 0
  - NY RGA HWS: 131
  - NY RGA LF: 152
  - Total: 339

### NOTES:
- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database
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Affiliation Records:
- Site Id: 7341
- Affiliation Type: Facility Owner
- Company Name: M&N PARTNERSHIP LTD
- Contact Type: SECRETARY
- Contact Name: MICHAEL KAPLAN
- Address1: 125 EAST 144TH STREET
- Address2: Not reported
- City: BRONX
- State: NY
- Zip Code: 10451
- Country Code: 001
- Phone: (718) 292-5370
- EMail: Not reported
- Fax Number: Not reported
- Modified By: kxtang
- Date Last Modified: 2004-05-11

Site Id: 7341
Affiliation Type: Mail Contact
### ROCKET JEWELRY BOX INC (Continued)

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### Tank Info:

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<td>Common Name of Substance</td>
<td>#2 Fuel Oil (On-Site Consumption)</td>
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ROCKET JEWELRY BOX INC (Continued)  U004077060

Equipment Records:
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- G03 - Tank Secondary Containment - Vault (w/o access)
- B99 - Tank External Protection - Other
- L09 - Piping Leak Detection - Exempt Suction Piping
- A00 - Tank Internal Protection - None
- H00 - Tank Leak Detection - None
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- F00 - Pipe External Protection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/1953
Capacity Gallons: 3000
Tightness Test Method: 18
Date Test: 03/14/2000
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: kxtang
Last Modified: 05/11/2004
Material Name: Not reported

A3 LOT 5,TAXBLOCK 2350 NY E DESIGNATION S109942635
North 444 GERARD AVENUE N/A
< 1/8 0.009 mi. E DESIGNATION
49 ft. BRONX, NY 10451 Tax Block: 2350
Site 3 of 22 in cluster A Tax Lot(s): 5
Relative: Higher Borough Code: BX
Actual: 28 ft. E-No: E-227
Effective Date: 6/30/2009
Satiation Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials” Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported
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HOSTOS COMMUNITY COLLEGE
427 WALTON AVENUE
BRONX, NY 10451

Site 6 of 22 in cluster A

UST:
| Id/Status:       | 2-609953 / Unregulated/Closed |
| Program Type:    | PBS                            |
| Region:          | STATE                         |
| DEC Region:      | 2                             |
| Expiration Date: | N/A                           |
| UTM X:           | 590324.49401                  |
| UTM Y:           | 4518998.49859                 |
| Site Type:       | School                        |

Affiliation Records:
| Site Id:       | 346914                        |
| Affiliation Type: | On-Site Operator       |
| Company Name:  | HOSTOS COMMUNITY COLLEGE     |
| Contact Type:  | Not reported                 |
| Contact Name:  | FRANK VIRONE                 |
| Address1:      | Not reported                 |
| Address2:      | Not reported                 |
| City:          | Not reported                 |
| State:         | NY                            |
| Zip Code:      | Not reported                 |
| Country Code:  | 001                           |
| Phone:         | (718) 518-4476               |
| EMail:         | Not reported                 |
| Fax Number:    | Not reported                 |
| Modified By:   | BKFALVEY                     |
| Date Last Modified: | 2010-06-21       |

Affiliation Records:
| Site Id:       | 346914                        |
| Affiliation Type: | Emergency Contact   |
| Company Name:  | CITY UNIVERSITY OF NEW YORK  |
| Contact Type:  | Not reported                 |
| Contact Name:  | FRANK VIRONE                 |
| Address1:      | Not reported                 |
| Address2:      | Not reported                 |
| City:          | Not reported                 |
| State:         | NN                            |
| Zip Code:      | Not reported                 |
| Country Code:  | 999                           |
| Phone:         | (718) 518-4476               |
| EMail:         | Not reported                 |
| Fax Number:    | Not reported                 |
| Modified By:   | BKFALVEY                     |
| Date Last Modified: | 2010-06-21       |

Affiliation Records:
<p>| Site Id:       | 346914                        |
| Affiliation Type: | Facility Owner               |
| Company Name:  | CITY UNIVERSITY OF NEW YORK  |
| Contact Type:  | ADMINISTRATIVE SUPERINTENDENT |
| Contact Name:  | FRANK VIRONE                 |
| Address1:      | 535 EAST 80TH STREET         |
| Address2:      | Not reported                 |
| City:          | NEW YORK                     |
| State:         | NY                            |</p>
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HOSTOS COMMUNITY COLLEGE (Continued) U004047150

- **Zip Code:** 10021
- **Country Code:** 001
- **Phone:** (212) 794-5571
- **EMail:** Not reported
- **Fax Number:** Not reported
- **Modified By:** BKFAVLVEY
- **Date Last Modified:** 2010-06-21

- **Site Id:** 346914
- **Affiliation Type:** Mail Contact
- **Company Name:** HOSTOS COMMUNITY COLLEGE
- **Contact Type:** Not reported
- **Contact Name:** FRANK VIRONE
- **Address1:** 500 GRAND CONCOURSE
- **Address2:** Not reported
- **City:** BRONX
- **State:** NY
- **Zip Code:** 10451
- **Country Code:** 001
- **Phone:** (718) 518-4478
- **EMail:** Not reported
- **Fax Number:** Not reported
- **Modified By:** KXTANG
- **Date Last Modified:** 2005-06-02

**Tank Info:**

- **Tank Number:** 010
- **Tank ID:** 206617
- **Tank Status:** Closed - Removed
- **Material Name:** Closed - Removed
- **Capacity Gallons:** 2000
- **Install Date:** 01/01/1989
- **Date Tank Closed:** 05/04/2005
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Steel/carbon steel
- **Material Code:** 0009
- **Common Name of Substance:** Gasoline

- **Tightness Test Method:** 00
- **Date Test:** Not reported
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** KXTANG
- **Last Modified:** 06/02/2005

**Equipment Records:**

- D01 - Pipe Type - Steel/Carbon Steel/Iron
- E00 - Piping Secondary Containment - None
- J02 - Dispenser - Suction Dispenser
- K00 - Spill Prevention - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None
- A00 - Tank Internal Protection - None
- C03 - Pipe Location - Aboveground/Underground Combination
- I00 - Overfill - None
HOSTOS COMMUNITY COLLEGE (Continued)

L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)

Tank Number: 011
Tank ID: 206618
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 01/01/1989
Date Tank Closed: 05/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline
Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 06/02/2005

Equipment Records:
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
I00 - Overfill - None
L00 - Piping Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
<table>
<thead>
<tr>
<th>Company Name:</th>
<th>COATS NORTH AMERICA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Type:</td>
<td>DIRECTOR, ENVIRONMENTAL ENGINEERING</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>MIKE BELL</td>
</tr>
<tr>
<td>Address1:</td>
<td>3430 TORINGDON WAY</td>
</tr>
<tr>
<td>City:</td>
<td>CHARLOTTE</td>
</tr>
<tr>
<td>State:</td>
<td>NC</td>
</tr>
<tr>
<td>Zip Code:</td>
<td>28277</td>
</tr>
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</tr>
<tr>
<td>Phone:</td>
<td>(704) 329-5800</td>
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<tr>
<td>EMail:</td>
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<td>Fax Number:</td>
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<td>Date Last Modified:</td>
<td>2004-03-25</td>
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<tr>
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<td>On-Site Operator</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>MIKE BELL</td>
</tr>
<tr>
<td>Address1:</td>
<td>P.O. BOX 670</td>
</tr>
<tr>
<td>City:</td>
<td>TOCCOA</td>
</tr>
<tr>
<td>State:</td>
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<tr>
<td>Phone:</td>
<td>(706) 886-2141</td>
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<td>Modified By:</td>
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<td>Contact Type:</td>
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</tr>
<tr>
<td>Contact Name:</td>
<td>FRED MOORE</td>
</tr>
<tr>
<td>Address1:</td>
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<tr>
<td>Address2:</td>
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## COATS NORTH AMERICA (Continued)

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</tr>
<tr>
<td>Country Code:</td>
<td>999</td>
</tr>
<tr>
<td>Phone:</td>
<td>(212) 794-0070</td>
</tr>
<tr>
<td>Email:</td>
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<td>Fax Number:</td>
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<td>kxtang</td>
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<tr>
<td>Date Last Modified:</td>
<td>2004-03-25</td>
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### Tank Info:

- **Tank Number:** 001
- **Tank Id:** 48275
- **Material Code:** 0001
- **Common Name of Substance:** #2 Fuel Oil (On-Site Consumption)

### Equipment Records:

- **I04 - Overfill - Product Level Gauge (A/G)**
- **B01 - Tank External Protection - Painted/Asphalt Coating**
- **G01 - Tank Secondary Containment - Diking (Aboveground)**
- **H00 - Tank Leak Detection - None**
- **A00 - Tank Internal Protection - None**
- **L09 - Piping Leak Detection - Exempt Suction Piping**
- **D01 - Pipe Type - Steel/Carbon Steel/Iron**
- **J02 - Dispenser - Suction Dispenser**
- **C01 - Pipe Location - Aboveground**
- **F00 - Pipe External Protection - None**

### Tank Info:

- **Tank Location:** 1
- **Tank Type:** Steel/Carbon Steel/Iron
- **Tank Status:** In Service
- **Pipe Model:** Not reported
- **Install Date:** 03/01/1988
- **Capacity Gallons:** 3000
- **Tightness Test Method:** NN
- **Date Test:** Not reported
- **Next Test Date:** Not reported
- **Date Tank Closed:** Not reported
- **Register:** True
- **Modified By:** kxtang
- **Last Modified:** 03/25/2004
- **Material Name:** Not reported

---

**A8**

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<tr>
<th>South</th>
<th>LOT 112, TAXBLOCK 2344</th>
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<tr>
<td>&lt; 1/8</td>
<td>120 EAST 144 STREET</td>
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<tr>
<td>0.017 mi.</td>
<td>BRONX, NY 10451</td>
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<tr>
<td>91 ft.</td>
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**Relative:** Higher

**Actual:** 32 ft.

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<td>Tax Lot(s):</td>
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<td>E-No:</td>
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<td>Satisfaction Date:</td>
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<td>Ceqr Number:</td>
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<td>Ulurp Number:</td>
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<td>---------------</td>
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<td>Lot Remediation Date</td>
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<table>
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<tr>
<th>Site 9 of 22 in cluster A</th>
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<tbody>
<tr>
<td><strong>Relative:</strong></td>
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<td><strong>Actual:</strong></td>
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<table>
<thead>
<tr>
<th>PANORAMIC INDUSTRIES INC</th>
</tr>
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<tbody>
<tr>
<td>South</td>
</tr>
<tr>
<td>120 E 144TH ST</td>
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<td>BRONX, NY 10451</td>
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<table>
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<tr>
<th>Affiliation Records:</th>
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<td>Fax Number:</td>
</tr>
<tr>
<td>Modified By:</td>
</tr>
<tr>
<td>Date Last Modified:</td>
</tr>
</tbody>
</table>

| Site Id: | 7557 |
| Affiliation Type: | Mail Contact |
| Company Name: | PANORAMIC INDUSTRIES INC |
| Contact Type: | Not reported |
| Contact Name: | Not reported |
| Address1: | 120 E 144TH ST |
| Address2: | Not reported |
| City: | BRONX |
| State: | NY |
| Zip Code: | 10451 |
| Country Code: | 001 |
| Phone: | (212) 993-5100 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | TRANSLAT |
| Date Last Modified: | 2004-03-04 |
PANORAMIC INDUSTRIES INC (Continued)  U004076795

Affiliation Type: On-Site Operator
Company Name: PANORAMIC INDUSTRIES INC
Contact Type: Not reported
Contact Name: PANORAMIC INDUSTRIES INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 993-5100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 7557
Affiliation Type: Emergency Contact
Company Name: PANORAMIC INDUSTRIES INC
Contact Type: Not reported
Contact Name: MALCOM RODRIGUES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 733-3226
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 18666
Material Code: 00001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/01/1979
PANORAMIC INDUSTRIES INC (Continued) U004076795

Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Not reported

Tank Number: 002
Tank Id: 18667
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/01/1979
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Not reported
### LOT 20, TAXBLOCK 2351 (Continued)

**Zoning Map No:** 6a  
**Description:** Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems  
**Lot Remediation Date:** Not reported

**Description:** Exhaust stack location limitations  
**Lot Remediation Date:** Not reported

**Description:** Hazardous Materials* Phase I and Phase II Testing Protocol  
**Lot Remediation Date:** Not reported

**Description:** Window Wall Attenuation & Alternate Ventilation  
**Lot Remediation Date:** Not reported

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<td>NW</td>
<td>445 GERARD AVE</td>
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<td>&lt; 1/8</td>
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<td>Year: 1975</td>
<td>Name: BALLACCO PETER &amp; HENRY</td>
<td>Type: General Automotive Repair Shops</td>
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<td>Spill Number/Closed Date: 0801696 / 2010-09-13</td>
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<td>Spill Date: 2008-05-09</td>
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<td>Spill Cause: Tank Test Failure</td>
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<td>Spill Source: Commercial/Industrial</td>
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<td>Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.</td>
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<td>UST Involvement: Not reported</td>
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</table>
### CHAIRMASTERS INC-200 E 146TH ST

**Remediation Phase:** 0  
**Date Entered In Computer:** 2008-05-13  
**Spill Record Last Update:** 2010-09-20  
**Spiller Name:** ROSS SPOSATO  
**Spiller Company:** COMMERCIAL BUILD  
**Spiller Address:** 200 EAST 146TH STREET  
**Spiller City,St,Zip:** BRONX, NY  
**Spiller County:** 001  
**Spiller Contact:** ROSS SPOSATO  
**Spiller Phone:** (718) 292-0600  
**Spiller Extention:** Not reported  
**DEC Region:** 2  
**DER Facility ID:** 347079  
**DEC Memo:** 6/18/08 bf: Sent ttf letter to: Ross Sposato Chairmasters, Inc. 200 East 146th St. Bronx, NY 10451 6/30/08 Received letter from Ross Sposato of Chairmasters. Tank tested on 5/9/08 and failed. Tank was excavated and they are in the process of isolating lines. Also received message from him on 6/26/08 stating the same. (718)292-0600 x-205. On 7/29/08 On 7/14/08, received letter from Ross Sposato of Chairmasters. Advanced Tank retested tank and tank passed. Piping will be replaced. After he receives test results, he will send test results and PBS Application. Called Ross S. (718)292-0600 x-205. Returning his call. Left message that there is no fee for tank test processing. Also, noted that a reply to my letter for tank test failure is required to be prepared by third party and needs to explain contamination and repairs made. 8/25/08 Received passing tank test report. 7/31/08. Reviewed and found it not acceptable because technician did not sign the report. Sent tt return letter to Ross Sposato at address above and included request for tank test failure letter response. 9/5/08 Yesterday, received message from Ross of Chairmasters. Info was mailed yesterday. 9/13/10 Received call from Ross of Chairmasters. He wanted the status of his tightness test report. I told him I have not received the report nor did I receive a response to the ttf letter. He said that he will fax letter and report to me. 9/13/10 This afternoon received fax from ATS that the piping was replaced and there was no spill. Tank tightness test report is still needed to close this case. 9/13/10 This afternoon, received passing tank test report by fax. NFA. 9/20/10 Received call from Ross Sposato requesting letter for closure. Faxed amnd mailed it to him. Fax:(718)292-0613.  
**Remarks:** PBS No: 2-085464 lines in the petromiter failed  
**Material:**  
- **Site ID:** 397682  
- **Operable Unit ID:** 1154624  
- **Operable Unit:** 01  
- **Material ID:** 2145434  
- **Material Code:** 0001A  
- **Material Name:** #2 fuel oil  
- **Case No.:** Not reported  
- **Material FA:** Petroleum  
- **Quantity:** .00  
- **Units:** Gallons  
- **Recovered:** .00  
- **Resource Affected:** Not reported  
- **Oxygenate:** Not reported
CHAIRMasters INC-200 E 146TH ST (Continued)

Tank Test:
Site ID: 397682
Spill Tank Test: 2486093
Tank Number: Not reported
Tank Size: 6000
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: Not reported
Test Method: Horner EZ Check I or II

UST:
Id/Status: 2-085464 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590606.43453
UTM Y: 4519125.33567
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:
Site Id: 2051
Affiliation Type: Mail Contact
Company Name: RH BRONX RIDER LLC
Contact Type: Not reported
Contact Name: SUSAN SACK
Address1: 826 BROADWAY FL 9
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10003
Country Code: 001
Phone: (212) 227-6601
EMail: SACK@ROBINHOOD.ORG
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-12-14

Site Id: 2051
Affiliation Type: On-Site Operator
Company Name: CHAIRMASTERS INC
Contact Type: Not reported
Contact Name: CHAIRMASTERS INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-0600
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04
### CHAIRMASTERS INC-200 E 146TH ST (Continued)

- **Site Id:** 2051
- **Affiliation Type:** Facility Owner
- **Company Name:** RH BRONX RIDER, LLC
- **Contact Type:** Not reported
- **Contact Name:** Not reported
- **Address1:** 826 BROADWAY FL 7
- **Address2:** Not reported
- **City:** NEW YORK
- **State:** NY
- **Zip Code:** 10003
- **Country Code:** 001
- **Phone:** (212) 227-6601
- **EMail:** Not reported
- **Fax Number:** Not reported
- **Modified By:** NRLOMBAR
- **Date Last Modified:** 2011-12-14

### Tank Info:

- **Tank Number:** 001
- **Tank ID:** 3314
- **Tank Status:** Closed - Removed
- **Material Name:** Closed - Removed
- **Capacity Gallons:** 6000
- **Install Date:** 07/30/1941
- **Date Tank Closed:** 10/07/2011
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Steel/carbon steel
- **Material Code:** 0001
- **Common Name of Substance:** #2 Fuel Oil (On-Site Consumption)
- **Tightness Test Method:** 21
- **Date Test:** 07/08/2008
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** NRLOMBAR
- **Last Modified:** 12/14/2011

### Equipment Records:
CHAIRMasters INC-200 E 146TH ST (Continued)

L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D10 - Pipe Type - Copper
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
H00 - Tank Leak Detection - None
A01 - Tank Internal Protection - Epoxy Liner
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle

Tank Number: 002
Tank ID: 241972
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: Not reported
Date Tank Closed: 10/07/2011
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/14/2011

Equipment Records:
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
CHAIRMASTERS INC-200 E 146TH ST (Continued)

Contact country: US
Contact telephone: (718) 292-0600
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 01/01/2007
  Site name: CHAIRMASTERS INC
  Classification: Conditionally Exempt Small Quantity Generator

- Date form received by agency: 01/01/2006
  Site name: CHAIRMASTERS INC
  Classification: Conditionally Exempt Small Quantity Generator

- Date form received by agency: 07/14/1999
  Site name: CHAIRMASTERS INC
  Classification: Small Quantity Generator

- Date form received by agency: 03/01/1992
  Site name: CHAIRMASTER INC
  Classification: Large Quantity Generator

- Date form received by agency: 04/24/1990
  Site name: CHAIRMASTERS INC
  Classification: Large Quantity Generator

  - Waste code: D000
  - Waste name: Not Defined

  - Waste code: D001
  - Waste name: IGNITABLE WASTE

Facility Has Received Notices of Violations:
- Regulation violated: Not reported
- Area of violation: LDR - Storage Prohibitions
- Date violation determined: 06/25/2007
### CHAIRMASTERS INC-200 E 146TH ST (Continued)

<table>
<thead>
<tr>
<th>Area of violation:</th>
<th>Generators - Pre-transport</th>
</tr>
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<tbody>
<tr>
<td>Date violation determined:</td>
<td>06/25/2007</td>
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<tr>
<td>Date achieved compliance:</td>
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</tr>
<tr>
<td>Enforcement lead agency:</td>
<td>State</td>
</tr>
<tr>
<td>Enforcement action:</td>
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</tr>
<tr>
<td>Enforcement action date:</td>
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<tr>
<td>Enf. disposition status:</td>
<td>Action Satisfied (Case Closed)</td>
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<td>Paid penalty amount:</td>
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<tr>
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<table>
<thead>
<tr>
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<tr>
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</table>
CHAIRMSTERS INC-200 E 146TH ST (Continued)

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 06/25/2007
Date achieved compliance: 10/30/2007

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 06/25/2007
Date achieved compliance: 10/30/2007

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/21/1994
Date achieved compliance: 09/01/1994

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/21/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/21/1994
Date achieved compliance: 09/01/1994

Violation lead agency: State
CHAIRMasters Inc-200 E 146TH ST (Continued)

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/21/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - Storage Prohibitions
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 04/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/01/1994
Evaluation lead agency: State
CHAIRMasters INC-200 E 146TH ST (Continued)

Evaluation date: 04/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/01/1994
Evaluation lead agency: State

Evaluation date: 08/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:
Registry ID: 110004444940

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000261378
Registry ID: 110004444940
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004444940

NY MANIFEST:
Country: USA
EPA ID: NYD986897148
Facility Status: Not reported
Location Address 1: 200 EAST 146TH STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
CHAIRMASTERS INC-200 E 146TH ST (Continued)

EPAID: NYD986897148
Mailing Name: CHAIRMASTERS INCORPORATED
Mailing Contact: CHAIRMASTERS INCORPORATED
Mailing Address 1: 200 EAST 146TH STREET
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2122920600

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 04/18/2011
Trans1 Recv Date: 04/18/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/19/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: OHD066060609
TSDF ID 2: Not reported
Manifest Tracking Number: 003492803JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H061
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1595.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 29.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
Waste Code 1_2: D035
Waste Code 1_3: F003
CHAIRMASTERS INC-200 E 146TH ST (Continued)

Waste Code 1_4: F005
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access
26 additional NY_MANIFEST: record(s) in the EDR Site Report.

A13 LOT 12,TAXBLOCK 2351 NY E DESIGNATION S109942196
NW 445 GERARD AVENUE N/A
< 1/8 BRONX, NY 10451
0.023 mi. Site 13 of 22 in cluster A
124 ft. Relative: Lower
E DESIGNATION:
Tax Lot(s): 12
Tax Block: 2351
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

A14 STONE SERVICES INC RCRA NonGen / NLR 100031174
NW 445 GERARD AVE FINDS NYD012261244
< 1/8 BRONX, NY 10451 ECHO NY MANIFEST
0.023 mi. Site 14 of 22 in cluster A
124 ft. Relative: Lower
RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: STONE SERVICES INC
Facility address: 445 GERARD AVE
BRONX, NY 10451
EPA ID: NYD012261244
Mailing address: GERARD AVE
BRONX, NY 10451
Contact: Not reported
Contact address: GERARD AVE
BRONX, NY 10451
Contact country: US
STONE SERVICES INC (Continued)

- **Contact telephone:** Not reported
- **Contact email:** Not reported
- **EPA Region:** 02
- **Land type:** Facility is not located on Indian land. Additional information is not known.
- **Classification:** Non-Generator
- **Description:** Handler: Non-Generators do not presently generate hazardous waste

- **Owner/Operator Summary:**
  - **Owner/operator name:** STONE SERVICES
  - **Owner/operator address:** NOT REQUIRED
  - **Owner/operator country:** US
  - **Owner/operator telephone:** (212) 555-1212
  - **Legal status:** Private
  - **Owner/Operator Type:** Owner
  - **Owner/Op start date:** Not reported
  - **Owner/Op end date:** Not reported

- **Handler Activities Summary:**
  - U.S. importer of hazardous waste: No
  - Mixed waste (haz. and radioactive): No
  - Recycler of hazardous waste: No
  - Transporter of hazardous waste: No
  - Treater, storer or disposer of HW: No
  - Underground injection activity: No
  - On-site burner exemption: No
  - Furnace exemption: No
  - Used oil fuel burner: No
  - Used oil processor: No
  - User oil refiner: No
  - Used oil fuel marketer to burner: No
  - Used oil Specification marketer: No
  - Used oil transfer facility: No
  - Used oil transporter: No

- **Historical Generators:**
  - **Date form received by agency:** 01/01/2006
    - **Site name:** STONE SERVICES INC
    - **Classification:** Not a generator, verified
  - **Date form received by agency:** 07/14/1999
    - **Site name:** STONE SERVICES INC
    - **Classification:** Small Quantity Generator
  - **Date form received by agency:** 04/28/1989
    - **Site name:** STONE SERVICES INC
STONERS SERVICES INC (Continued)

Classification: Large Quantity Generator

- Waste code: D001
- Waste name: IGNITABLE WASTE

Violation Status: No violations found

Evaluation Action Summary:
- Evaluation date: 09/28/1993
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110004344086

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000311747
Registry ID: 110004344086
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004344086

NY MANIFEST:

Country: USA
EPA ID: NYD012261244
Facility Status: Not reported
Location Address 1: 445 GERRARD AVE
BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD012261244
Mailing Name: STONE SERVICE
Mailing Contact: STONE SERVICE
Mailing Address 1: 445 GERRARD AVE
Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
STONE SERVICES INC (Continued) 1000311747

Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2122925000

NY MANIFEST:
Document ID: NJA2800655
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: 08690
Trans2 State ID: H10364
Generator Ship Date: 12/29/1998
Trans1 Recv Date: 12/29/1998
Trans2 Recv Date: 01/06/1999
TSD Site Recv Date: 01/08/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: SCD987574647
TSDF ID 1: NJD002182897
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported

Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01688
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Click this hyperlink while viewing on your computer to access
49 additional NY_MANIFEST: record(s) in the EDR Site Report.
A15  MANHOLE 4505  NY Spills  S108294795
North  WEST GERARD AVE/146TH ST  N/A
< 1/8  BRONX, NY  0 0.026 mi.
0.026 mi.  Site 15 of 22 in cluster A
137 ft.

Relative:  Lower  Actual:  24 ft.

SPILLS:
- Facility ID:  0607762
- Facility Type:  ER
- DER Facility ID:  321340
- Site ID:  371579
- DEC Region:  2
- Spill Date:  2006-10-07
- Spill Number/Closed Date:  0607762 / 2007-08-20
- Spill Cause:  Equipment Failure
- Spill Class:  Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- SWIS:  0301
- Investigator:  JHOCONNE
- Referred To:  Not reported
- Reported to Dept:  2006-10-07
- CID:  27
- Water Affected:  Not reported
- Spill Source:  Commercial/Industrial
- Spill Notifier:  Other
- Cleanup Ceased:  Not reported
- Cleanup Meets Std:  False
- Last Inspection:  Not reported
- Recommended Penalty:  False
- UST Trust:  False
- Remediation Phase:  0
- Date Entered In Computer:  2006-10-07
- Spill Record Last Update:  2007-08-20
- Spiller Name:  Not reported
- Spiller Company:  CONED
- Spiller Address:  Not reported
- Spiller City,St,Zip:  NY
- Spiller Company:  999
- Contact Name:  Not reported
- Contact Phone:  Not reported
- DEC Memo:  "08/20/07 - See eDocs for Con Ed report detailing cleanup and closure. Con Ed no. 202807 - see eDocs. (JHO)"
- Remarks:  "8 oz spilled in manhole. No to the 5 questions."

Material:
- Site ID:  371579
- Operable Unit ID:  1129336
- Operable Unit:  01
- Material ID:  2118991
- Material Code:  0541A
- Material Name:  dielectric fluid
- Case No.:  Not reported
- Material FA:  Petroleum
- Quantity:  .00
- Units:  Gallons
- Recovered:  .00
- Resource Affected:  Not reported
- Oxygenate:  Not reported
### MANHOLE 4505 (Continued)

Tank Test:

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<th>Direction</th>
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#### A16
**PAY TV OF GREATER NY**
140 E 146TH ST
BRONX, NY 10451

- **Site**: 16 of 22 in cluster A
- **Relative**: Lower
- **Actual**: 20 ft.

**TANKS:**
- **Facility Id**: 2-333484
- **Region**: STATE
- **DEC Region**: 2
- **Site Status**: Inactive
- **Program Type**: PBS
- **Expiration Date**: N/A
- **UTM X**: 590307.46292
- **UTM Y**: 4518778.54103

**Spiller:**
- **Company**: Not reported
- **Address**: Not reported
- **City, St, Zip**: Not reported
- **Contact**: Not reported
- **Phone**: Not reported

### A17
**HOSTOS COMMUNITY COLLEGE**
ESE WALTON AVE EAST 144TH ST.
BRONX, NY

- **Site**: 17 of 22 in cluster A
- **Relative**: Higher
- **Actual**: 39 ft.

**LTANKS:**
- **Site ID**: 334360
- **Spill Number/Closed Date**: 0409591 / 2006-03-14
- **Spill Date**: 2004-11-27
- **Spill Cause**: Tank Failure
- **Spill Source**: Institutional, Educational, Gov., Other
- **Spill Class**: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- **Cleanup Ceased**: Not reported
- **Cleanup Meets Standard**: False
- **SWIS**: 2401
- **Investigator**: TLGIBBON
- **Referred To**: Not reported
- **Reported to Dept**: 2004-11-27
- **CID**: 404
- **Water Affected**: Not reported
- **Spill Notifier**: Responsible Party
- **Last Inspection**: Not reported
- **Recommended Penalty**: False
- **UST Involvement**: False
- **Remediation Phase**: 0
- **Date Entered In Computer**: 2004-11-29
- **Spill Record Last Update**: 2006-03-14
- **Spiller Name**: Not reported
- **Spiller Company**: HOSTOS COMMUNITY COLLEGE
- **Spiller Address**: Not reported
- **Spiller City, St, Zip**: NY
- **Spiller County**: 999
- **Spiller Contact**: CRAIG PUERTA
- **Spiller Phone**: (212) 479-5400
- **Spiller Extention**: Not reported

TC5022723.2s Page 36
HOSTOS COMMUNITY COLLEGE (Continued)

Material:
Site ID: 334360
Operable Unit ID: 1096499
Operable Unit: 01
Material ID: 576437
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum

"1/27/05 TJD Tarek Khouri contacted Demeo on 1/24/05 to obtain status of report review for this site. Report is dated 1/13/05. Although a complete review of the submission had not been completed, a quick phone conference regarding this site took place. Contamination above TAGM has been identified through sampling. Langan proposes to close the tanks in place with no remedial action other than the removal of contaminated soils excavated by hand during the tank closure activities. This approach is proposed due to access constraints at this site. Demeo told Mr. Khouri that a new remedial plan would need to be developed to address the contaminated soil exceeding TAGM. An effort would need to be made to remediate impacted soils in situ prior to considering this site for closure. Mr. Khouri has stated he will discuss this with his client and resubmit a work plan to NYSDEC.

6/8/05 - Project transferred to TGibbons in Central Office, Albany
9/14/05 - Spoke with Craig Puerta, Langan Engineering (212-479-5400), contractor to Hostos Comm. College. Said site is a former gas station with two 2,000 gal diesel fuel USTs located on campus, surrounded by four trailers which makes access very difficult. They are looking for funding from DASNY before work begins. Preliminary data shows soils surrounding tank impacted above TAGM. Closing in place not an option so remedial work will require significant work to be done by hand to limited access. Spoke with Art Fasilino, CUNY, 212-541-0440, who said that funding has been secured from DASNY (Samir Rimawi, 917-295-5291) and they are waiting on funding from CUNY. He indicated that this project was a low priority. 1/3/06 - Received call from Tarek Khouri, Langan (212-479-5450). Remediation work had begun with tanks being uncovered today. Tanks both filled with water/fuel mixture which was pumped out. Removed concrete above tanks, cut open and cleaned tanks. Cut through bottom of tanks which are resting on concrete. Bore through tank bottom and concrete and encountered bedrock. Bedrock @ 7' bgs. Tanks solid (not leaking) but piping to tanks leaking with stained soil and petroleum odor. Asked Tarek to send pictures of excavation. Pictures showed minor soil impacts, but very little soil on bedrock. Asked Langan to clean up contamination above bedrock and collect end point samples. 2/7/06 - Spoke with Mr. Khouri. Five endpoint samples, and one runoff water sample, were collected. 3/14/06 - Received closure report on 3/13/06. Only one sample showed elevated levels of VOCs, HT03A, primarily 1,2,4 and 1,3,5 trimethylbenzene. Total VOCs from this sample were 54,348 ug/kg. This sample was collected from the minor soil remaining on top of competent, crystalline bedrock. The tanks were completely removed, all contaminated media was disposed at a permitted facility, and the excavation was backfilled with clean soil. Close spill."

Remarks: 
"while drilling test holes at the site they found an abandoned tank with soil contamination around the tank."
HOSTOS COMMUNITY COLLEGE (Continued)

Quantity: Not reported
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site 18 of 22 in cluster A

Relative: Higher
Actual: 39 ft.

SPILLS:

Facility ID: 0312991
Facility Type: ER
DER Facility ID: 256867
Site ID: 318657
DEC Region: 2
Spill Date: 2004-02-25
Spill Number/Closed Date: 0312991 / 2004-06-01
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: SKARAKHA
Referred To: Not reported
Reported to Dept: 2004-02-25
CID: 406
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-02-25
Spill Record Last Update: 2009-10-23
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: RON ELLIOTT
Contact Phone: (212) 580-6763
DEC Memo: *e2mis 152227 25-Feb-2004 12:08 Oper Superv G.Meiers 14850 reports while on location to inspect MH-9489 associated with Fdrs X0/ Fdr2X12 discovered 1 pint of cable oil on 75 gallons of water. No smoke or fire is/was involved. No sewers, waterways, or private property affected. There is D-fault at that location and the associated feeder(s) need to be deenergized before the cleanup can commence. Env tag 31941 was placed and a pcb sample on DD08222 was placed. Lab Sequence Number: 04-01403-001 PCBs < 1 ppm Flush Mech O.Negron 18400

WILLING RESPONSIBLE PARTY. CORRECTIVE ACTION TAKEN.
MANHOLE # 9489 (Continued)

reports MH-9489 was double washed and rinsed and CFS tanker removed 950 gallons of non-hazardous liquid and will remain on location due to oil and water still coming through the ducts. The flush truck removed 8lbs. of solids to be brought to Hellgate pit for temporary disposal and the tag is still in place until the cable is repaired. The repair in that location is on poly cable and is not the source of the oil. Operating Supervisor Joe McMahon, 14620, reports no oil is coming through ducts, clean water is coming from the ducts, the cable has been repaired, the tanker has been dismissed. There is no sign of source of oil remaining in the structure.*

Remarks:
“One Pint of cable oil was spilled in a manhole. Not sure of the source or cause. Cleanup has not been done at this time.”

Material:
Site ID: 318657
Operable Unit ID: 880182
Operable Unit: 01
Material ID: 498162
Material Code: 0020B
Material Name: cable oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

A19 ROCCO MANNILIO NY Spills S111456554
ESE 149 -56 14TH AVE N/A
< 1/8 QUEENS, NY
0.034 mi. Site 19 of 22 in cluster A
177 ft.

Relative: Higher
Actual: 39 ft.

SPILLS:
Facility ID: 1110478
Facility Type: ER
DER Facility ID: 412786
Site ID: 458314
DEC Region: 2
Spill Date: 2011-11-23
Spill Number/Closed Date: 1110478 / 2011-11-28
Spill Cause: Unknown
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.

SWIS: 4101
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 2011-11-23
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
ROCCO MANNILIO  (Continued)

Cleanup Meets Std:              False
Last Inspection:                Not reported
Recommended Penalty:           False
UST Trust:                      False
Remediation Phase:             0
Date Entered In Computer:      2011-11-23
Spill Record Last Update:      2011-11-28
Spiller Name:                  Not reported
Spiller Company:               ROCCO MANNILIO
Spiller Address:               149-56 14TH AVE
Spiller City,St,Zip:           QUEENS, NY
Spiller Company:               999
Contact Name:                  ROCCO MANNILIO
Contact Phone:                 (718) 938-6079
DEC Memo:                      "Spoke with Rocco Mannilio. He does not have any tank since he bought the building. Suddenly, he observed petroleum smell in the basement. FD responded. DEP industrial waste, Alex Castro responded and checked the indoor air with his meter and found as non gasoline. Unsure where it was coming from. I advised Mr. Rocco to monitor the smell in the basement and call me back if the smell persists. No call back received. (sr) " ** I called Rocco again and he told me that there is no smell in his basement now. He suspect the next door property (construction site) may have problem that caused the smell." **
Remarks:                       "called to scene by fd and a heavy odor is evident. Would like call back"

Material:
Site ID:                        458314
Operable Unit ID:              1208436
Operable Unit:                 01
Material ID:                   2205758
Material Code:                 0066A
Material Name:                 unknown petroleum
Case No.:                      Not reported
Material FA:                   Petroleum
Quantity:                      Not reported
Units:                         Not reported
Recovered:                     Not reported
Resource Affected:             Not reported
Oxygenate:                     Not reported

Tank Test:

A20 SW
< 1/8
0.036 mi.
191 ft.
Site 20 of 22 in cluster A

Relative:                       NY MANIFEST:
Lower                           Country:           USA
Actual:                         EPA ID:             NYP004713277
20 ft.                          Facility Status:    Not reported
Location Address 1:            385 GERARD AVE
Code:                          BP
Location Address 2:            Not reported
Total Tanks:                   Not reported
CON EDISON (Continued)

Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004713277
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/08/2015
Trans1 Recv Date: 01/08/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/09/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004713277
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014161886JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr TypeIndicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Quantity: 3000
Units: P - Pounds
Number of Containers: 1
**CON EDISON (Continued)**

| Container Type: | TT - Cargo tank, tank trucks |
| Handling Method: | T Chemical, physical, or biological treatment. |
| Specific Gravity: | 1 |
| Waste Code: | D008 |
| Waste Code 1_2: | Not reported |
| Waste Code 1_3: | Not reported |
| Waste Code 1_4: | Not reported |
| Waste Code 1_5: | Not reported |
| Waste Code 1_6: | Not reported |

**A21 SW 385 GERARD AVE BRONX, NY 10451**

- Site 21 of 22 in cluster A
- Relative: NJ MANIFEST
- Lower: Not reported
- Actual: 20 ft.
- Mail Address: IRVING PLACE, 15TH FL NE
- Mail City/State/Zip: NEW YORK, NY 10003
- Facility Phone: Not reported
- Emergency Phone: Not reported
- Contact: THERESA BURKARD
- SIC Code: Not reported
- County: NY005
- Municipal: Not reported
- Previous EPA Id: Not reported
- Gen Flag: Not reported
- Trans Flag: Not reported
- TSDF Flag: Not reported
- Name Change: Not reported
- Date Change: Not reported

**Manifest:**
- Manifest Number: 014161886JJK
- EPA ID: NYP004713277
- Date Shipped: 1/8/2015
- TDSF EPA ID: NJ0002200046
- Transporter EPA ID: NJ0000027193
- Transporter 2 EPA ID: Not reported
- Transporter 3 EPA ID: Not reported
- Transporter 4 EPA ID: Not reported
- Transporter 5 EPA ID: Not reported
- Transporter 6 EPA ID: Not reported
- Transporter 7 EPA ID: Not reported
- Transporter 8 EPA ID: Not reported
- Transporter 9 EPA ID: Not reported
- Transporter 10 EPA ID: Not reported
- Date Trans1 Transported Waste: Not reported
- Date Trans2 Transported Waste: Not reported
- Date Trans3 Transported Waste: Not reported
- Date Trans4 Transported Waste: Not reported
- Date Trans5 Transported Waste: Not reported

**Click this hyperlink** while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.
CON EDISON - VAULT SUBMERSIBLE 109 (Continued)

Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

A22 CON EDISON - VAULT SUBMERSIBLE 109 385 GERARD AVE BRONX, NY 10451
< 1/8 SW 385 GERARD AVE<br>BRONX, NY 10451
0.036 mi. 191 ft. Site 22 of 22 in cluster A

Relative: Lower
Actual: 20 ft.

Date form received by agency: 02/05/2016
Facility name: CON EDISON - VAULT SUBMERSIBLE 109
Facility address: 385 GERARD AVE<br>BRONX, NY 10451
EPA ID: NYP004713277
Mailing address: IRVING PLACE, 15TH FL NE<br>NEW YORK, NY 10003
Contact: THERESA BURKARD
Contact address: IRVING PLACE, 15TH FL NE<br>NEW YORK, NY 10003
Contact country: US
Contact telephone: (212) 460-2262
Contact email: BURKARDT@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler; generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time
CON EDISON - VAULT SUBMERSIBLE 109 (Continued)

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/08/2015
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/08/2015
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

- Waste code: D008
- Waste name: LEAD

Violation Status: No violations found

B23 LOT 1,TAXBLOCK 2351
WNW 404 MAJ WM DEEGAN BLVD
< 1/8 BRONX, NY 10451
0.039 mi.
206 ft.

Site 1 of 9 in cluster B

Relative: Lower
Actual: 9 ft.

E DESIGNATION:
Tax Lot(s): 1
Tax Block: 2351
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Cequr Number: 08DCP071X
Ulurp Number: 0903032MX
### LOT 1, TAXBLOCK 2351 (Continued)

- **Zoning Map No.:** 6a
- **Description:** Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
- **Lot Remediation Date:** Not reported

- **Description:** Exhaust stack location limitations
- **Lot Remediation Date:** Not reported

- **Description:** Hazardous Materials* Phase I and Phase II Testing Protocol
- **Lot Remediation Date:** Not reported

- **Description:** Window Wall Attenuation & Alternate Ventilation
- **Lot Remediation Date:** Not reported

### LOT 3, TAXBLOCK 2351

- **Zoning Map No.:** 6a
- **Description:** Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
- **Lot Remediation Date:** Not reported

- **Description:** Exhaust stack location limitations
- **Lot Remediation Date:** Not reported

- **Description:** Hazardous Materials* Phase I and Phase II Testing Protocol
- **Lot Remediation Date:** Not reported

- **Description:** Window Wall Attenuation & Alternate Ventilation
- **Lot Remediation Date:** Not reported

---

### C25

- **RCRA NonGen / NLR:** 1000871755
- **FINDS:** NY0000095927
- **ECHO:** NY0000095927

- **RCRA NonGen / NLR:** 1000871755
- **FINDS:** NY0000095927
- **ECHO:** NY0000095927

- **BARKLEY BUILDING**
- **385 GERARD AVE - 5TH & 6TH FL**
- **BRONX, NY 10451**

- **Date form received by agency:** 01/01/2007
- **Facility name:** BARKLEY BUILDING
- **Facility address:** 385 GERARD AVE - 5TH & 6TH FL
  - **BRONX, NY 10451**

---

*Lot Remediation Date:* Not reported

*Exhaust stack location limitations:* Not reported

*Hazardous Materials* Phase I and Phase II Testing Protocol:* Not reported

*Window Wall Attenuation & Alternate Ventilation:* Not reported
BARKLEY BUILDING (Continued)

EPA ID: NY0000095927
Mailing address: YORK AVE - MEMORIAL SLOAN KETTERING CANCER CENTER
NEW YORK, NY 10021
Contact: Not reported
Contact address: YORK AVE - MEMORIAL SLOAN
NEW YORK, NY 10021
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: HELMSLEY SPEAR
Owner/operator address: 60 E 42ND ST - LINCOLN BLDG
NEW YORK, NY 10165
Owner/operator country: US
Owner/operator telephone: (212) 880-0511
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HELMSLEY SPEAR
Owner/operator address: 60 E 42ND ST - LINCOLN BLDG
NEW YORK, NY 10165
Owner/operator country: US
Owner/operator telephone: (212) 880-0511
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: BARKLEY BUILDING
### BARKLEY BUILDING (Continued)

| Classification: | Not a generator, verified |
| Date form received by agency: | 12/05/1996 |
| Site name: | BARKLEY BUILDING |
| Classification: | Not a generator, verified |
| Waste code: | NONE |
| Waste name: | None |
| Date form received by agency: | 12/21/1993 |
| Site name: | BARKLEY BUILDING |
| Classification: | Large Quantity Generator |
| Waste code: | D001 |
| Waste name: | IGNITABLE WASTE |
| Waste code: | D002 |
| Waste name: | CORROSIVE WASTE |
| Violation Status: | No violations found |

**Evaluation Action Summary:**
- **Evaluation date:** 11/21/1996
- **Evaluation:** COMPLIANCE EVALUATION INSPECTION ON-SITE
- **Area of violation:** Not reported
- **Date achieved compliance:** Not reported
- **Evaluation lead agency:** EPA

- **Evaluation date:** 07/10/1996
- **Evaluation:** COMPLIANCE EVALUATION INSPECTION ON-SITE
- **Area of violation:** Not reported
- **Date achieved compliance:** Not reported
- **Evaluation lead agency:** EPA

**FINDS:**
- **Registry ID:** 110007983450

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**Click this hyperlink** while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**
- **Envid:** 1000871755
- **Registry ID:** 110007983450
<table>
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<tr>
<th>Map ID</th>
<th>Direction</th>
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<tbody>
<tr>
<td>C26</td>
<td>SSW</td>
<td>&lt; 1/8</td>
<td>0.042 mi.</td>
<td>220 ft.</td>
<td>Site 2 of 11 in cluster C</td>
<td>FINDS ECHO</td>
</tr>
</tbody>
</table>

**RCRA NonGen / NLR:**
- **Date form received by agency:** 01/01/2007
- **Facility name:** SPORT SCREEN INC
- **Facility address:** 385 GERARD AVE 2ND FLOOR, BRONX, NY 10451
- **EPA ID:** NY987011434
- **Mailing address:** GERARD AVE 2ND FLOOR, BRONX, NY 10451
- **Contact:** Not reported
- **Contact address:** GERARD AVE 2ND FLOOR, BRONX, NY 10451
- **Contact country:** US
- **Contact telephone:** Not reported
- **Contact email:** Not reported
- **EPA Region:** 02
- **Land type:** Facility is not located on Indian land. Additional information is not known.
- **Classification:** Non-Generator
- **Description:** Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**
- **Owner/operator name:** UNKNOWN
- **Owner/operator address:** NOT REQUIRED, NY 99999
- **Owner/operator country:** US
- **Owner/operator telephone:** (212) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Operator
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported

- **Owner/operator name:** UNKNOWN
- **Owner/operator address:** NOT REQUIRED, NY 99999
- **Owner/operator country:** US
- **Owner/operator telephone:** (212) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported

**Handler Activities Summary:**
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
SPORT SCREEN INC  (Continued)

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: SPORT SCREEN INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: SPORT SCREEN INC
Classification: Not a generator, verified

Date form received by agency: 08/10/1992
Site name: SPORT SCREEN INC
Classification: Small Quantity Generator
- Waste code: D001
- Waste name: IGNITABLE WASTE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 07/10/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004493673

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000842790
Registry ID: 110004493673
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004493673
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<th>EPA ID Number</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
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<td>S &amp; S INDUSTRIES INC</td>
<td>RCRA NonGen / NLR</td>
<td>FINDS</td>
<td>1000446217</td>
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<td>SSW</td>
<td>385 GERARD AVE</td>
<td>NYD986905537</td>
<td>ECHO</td>
<td></td>
</tr>
<tr>
<td>&lt; 1/8</td>
<td>BRONX, NY 10451</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.042 mi.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>220 ft.</td>
<td>Site 3 of 11 in cluster C</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Relative: Lower
Actual: 20 ft.

Date form received by agency: 01/01/2007
Facility name: SPORT SCREEN INC
Facility address: 385 GERARD AVE
BRONX, NY 10451
EPA ID: NYD986905537
Mailing address: GERARD AVE
BRONX, NY 10451
Contact: Not reported
Contact address: GERARD AVE
BRONX, NY 10451
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: SPORT SCREEN INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SPORT SCREEN INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
### S & S INDUSTRIES INC

| Used oil fuel marketer to burner | No |
| Used oil Specification marketer | No |
| Used oil transfer facility      | No |
| Used oil transporter            | No |

#### Historical Generators:

<table>
<thead>
<tr>
<th>Date form received by agency</th>
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<tbody>
<tr>
<td>Site name</td>
<td>SPORT SCREEN INC</td>
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<tr>
<td>Classification</td>
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<td>Not a generator, verified</td>
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- Waste code: NONE
- Waste name: None

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<td>SPORT SCREEN INC</td>
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<tr>
<td>Classification</td>
<td>Large Quantity Generator</td>
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</table>

- Waste code: D000
- Waste name: Not Defined

- Waste code: D001
- Waste name: IGNITABLE WASTE

Violations Status: No violations found

#### Evaluation Action Summary:

<table>
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<td>COMPLIANCE EVALUATION INSPECTION ON-SITE</td>
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<td>Area of violation</td>
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<td>Date achieved compliance</td>
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<tr>
<td>Evaluation lead agency</td>
<td>EPA</td>
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<td>Area of violation</td>
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<tr>
<td>Date achieved compliance</td>
<td>Not reported</td>
</tr>
<tr>
<td>Evaluation lead agency</td>
<td>EPA</td>
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</table>

#### FINDS:

| Registry ID | 110000322678 |

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V.
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York’s Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
   Envid: 1000446217
   Registry ID: 110000322678
   DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000322678

S & S INDUSTRIES INC (Continued) 1000446217

of the Clean Air Act.

C28 LOT 90, TAXBLOCK 2349
SSW 385 GERARD AVENUE
< 1/8
0.042 mi.
220 ft.
Site 4 of 11 in cluster C

 Relative: 20 ft.
Lower

Actual: 20 ft.

E DESIGNATION:
   Tax Lot(s): 90
   Tax Block: 2349
   Borough Code: BX
   E-No: E-227
   Effective Date: 6/30/2009
   Satisfaction Date: Not reported
   Ceqr Number: 08DCP071X
   Ulurp Number: 090303ZMX
   Zoning Map No: 6a

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported
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<th>Direction</th>
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<th>Database(s)</th>
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<th>EDR ID Number</th>
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<tbody>
<tr>
<td>C29</td>
<td>SSW</td>
<td>NORTHEAST LAMP RECYCLING INC</td>
<td>RCRA NonGen / NLR</td>
<td>1007880968</td>
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<tr>
<td>&lt; 1/8</td>
<td>0.042 mi.</td>
<td>385 GERARD AVE - MAIN FLOOR</td>
<td>NYR000128769</td>
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<tr>
<td>220 ft.</td>
<td></td>
<td>BRONX, NY 10451</td>
<td></td>
<td></td>
<td></td>
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</table>

**Relative:**
- 20 ft.

**Actual:**
- Site 5 of 11 in cluster C

**RCRA NonGen / NLR:**
- Date form received by agency: 01/01/2007
- Facility name: NORTHEAST LAMP RECYCLING INC
- Facility address: 385 GERARD AVE - MAIN FLOOR, BRONX, NY 10451
- EPA ID: NYR000128769
- Mailing address: MAIN ST - PO BOX 680, EAST WINDSOR, NY 06080680
- Contact: RAYMOND W GRACZYK
- Contact address: MAIN ST - PO BOX 680, EAST WINDSOR, NY 06080680
- Contact country: US
- Contact telephone: (860) 292-1992
- Telephone ext.: 104
- Contact email: RAY@NLRLAMP.COM
- EPA Region: 02
- Classification: Non-Generator
- Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**
- Owner/operator name: NO NAME FOUND
- Owner/operator address: Not reported
- Owner/operator country: US
- Owner/operator telephone: Not reported
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: 11/04/2004
- Owner/Op end date: Not reported

- Owner/operator name: EDGE MANAGEMENT LLC
- Owner/operator address: 5TH AVE, NEW YORK, NY 10017
- Owner/operator country: US
- Owner/operator telephone: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 11/04/2004
- Owner/Op end date: Not reported

**Handler Activities Summary:**
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
NORTHEAST LAMP RECYCLING INC (Continued)

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NORTHEAST LAMP RECYCLING INC
Classification: Not a generator, verified

Date form received by agency: 11/09/2004
Site name: NORTHEAST LAMP RECYCLING INC
Classification: Conditionally Exempt Small Quantity Generator
Violation Status: No violations found

C30 385 GERARD AVE NY AST A100157589
SSW 385 GERARD AVENUE N/A
< 1/8 BRONX, NY 10451
0.042 mi. 220 ft. Site 6 of 11 in cluster C

Relative: Lower
Actual: 20 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-400319
Program Type: PBS
UTM X: 590237.63850
UTM Y: 4518959.00055
Expiration Date: N/A
Site Type: Other

Affiliation Records:
Site Id: 19096
Affiliation Type: On-Site Operator
Company Name: 385 GERARD AVE
Contact Type: Not reported
Contact Name: DAVID SMITH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (412) 867-0754
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-23

Site Id: 19096
Affiliation Type: Emergency Contact
Company Name: PUBLIC STORAGE
Contact Type: Not reported
Contact Name: DAVID SMITH
Address1: Not reported
Address2: Not reported
City: Not reported
### 385 GERARD AVE (Continued)

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<td>Zip Code</td>
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<td>999</td>
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<tr>
<td>Phone</td>
<td>(412) 867-0754</td>
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<td>EMail</td>
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<td>Fax Number</td>
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<tr>
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<tr>
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<td>Contact Type</td>
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<tr>
<td>Contact Name</td>
<td>FRANK W. CACCURO</td>
</tr>
<tr>
<td>Address1</td>
<td>139-A GAITHER DRIVE</td>
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<tr>
<td>Address2</td>
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<td>City</td>
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<tr>
<td>State</td>
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<tr>
<td>Phone</td>
<td>(856) 778-8790 3504</td>
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<tr>
<td>EMail</td>
<td><a href="mailto:FCACCURO@PUBLICSTORAGE.COM">FCACCURO@PUBLICSTORAGE.COM</a></td>
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<td>Modified By</td>
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<td>Date Last Modified</td>
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<th>Site Id</th>
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<td>Affiliation Type</td>
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<td>Company Name</td>
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<td>Contact Type</td>
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<td>Contact Name</td>
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<tr>
<td>Address1</td>
<td>355 MADISON AVE, 12TH FLOOR</td>
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<td>Address2</td>
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<tr>
<td>City</td>
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<td>Phone</td>
<td>(818) 294-8080</td>
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<td>NRLOMBAR</td>
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<tr>
<td>Date Last Modified</td>
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</table>

**Tank Info:**

- **Tank Number:** 001
- **Tank Id:** 24609
- **Material Code:** 0003
- **Common Name of Substance:** #6 Fuel Oil (On-Site Consumption)

**Equipment Records:**

- L09 - Piping Leak Detection - Exempt Suction Piping
- A00 - Tank Internal Protection - None
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- G03 - Tank Secondary Containment - Vault (w/o access)
385 GERARD AVE (Continued)

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 04/10/1941
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/17/2015
Register: True
Modified By: NRLOMBAR
Last Modified: 04/23/2015
Material Name: Not reported

C31 MANHOLE 1676
SSW 385 GERARD AV
BRONX, NY

0.042 mi.
220 ft.
Site 7 of 11 in cluster C

Relative: Lower
Actual: 20 ft.

SPILLS:

Facility ID: 0604618
Facility Type: ER
DER Facility ID: 317809
Site ID: 367628
DEC Region: 2
Spill Date: 2006-07-25
Spill Number/Closed Date: 0604618 / 2007-03-19
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: GDBREEN
Referred To: Not reported
Reported to Dept: 2006-07-25
CID: 74
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-07-25
Spill Record Last Update: 2007-03-19
Spiller Name: ERT DESK
Spiller Company: CON EDISON
Spiller Address: 3885 GERRARD AVE/E 144TH
Spiller City, St, Zip: BRONX, NY
### MANHOLE 1676 (Continued)

**Spiller Company:** 001  
**Contact Name:** ERT DESK  
**Contact Phone:** (212) 580-8383  
**DEC Memo:** "03/19/07 - See e-docs for Con Ed report detailing cleanup and closure. 201385. see eDocs"  
**Remarks:** "cleanup is pending - ongoing fire in the vault Ref 201385 NRC 805383"

**Material:**
- **Site ID:** 367628  
- **Operable Unit ID:** 1125530  
- **Operable Unit:** 01  
- **Material ID:** 2115046  
- **Material Code:** 0020A  
- **Material Name:** transformer oil  
- **Case No.:** Not reported  
- **Material FA:** Petroleum  
- **Quantity:** 2.00 Gallons  
- **Units:**  
- **Recovered:** .00  
- **Resource Affected:** Not reported  
- **Oxygenate:** Not reported

**Tank Test:**
- **Facility ID:** 0205576  
- **Facility Type:** ER  
- **DER Facility ID:** 233453  
- **Site ID:** 288208  
- **DEC Region:** 2  
- **Spill Date:** 2002-08-27  
- **Spill Number/Closed Date:** 0205576 / 2004-01-14  
- **Spill Cause:** Equipment Failure  
- **Spill Class:** Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.  
- **SWIS:** 0301  
- **Investigator:** KMFOLEY  
- **Referred To:** Not reported  
- **Reported to Dept:** 2002-08-27  
- **CID:** 398  
- **Water Affected:** Not reported  
- **Spill Source:** Institutional, Educational, Gov., Other  
- **Spill Notifier:** Responsible Party  
- **Cleanup Ceased:** Not reported  
- **Cleanup Meets Std:** False  
- **Last Inspection:** Not reported  
- **Recommended Penalty:** False  
- **UST Trust:** False  
- **Remediation Phase:** 0  
- **Date Entered In Computer:** 2002-08-27  
- **Spill Record Last Update:** 2004-01-21  
- **Spiller Name:** SAME  
- **Spiller Company:** CON EDISON  
- **Spiller Address:** 4 IRVING PLACE  
- **Spiller City,St,Zip:** NEW YORK, NY 10003  
- **Spiller Company:** 001
MANHOLE 1676 (Continued)

Contact Name: PETE MCGUIRE
Contact Phone: (212) 580-6763

"Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY Con Ed e2mis #144758: Senior Field Operator D. Mullan #20275 reports that while trouble shooting 2X12 he found that fault at the transformer with 50 gallons of dielectric oil on 400 gallons of water in TM 1676. There is no smoke or fire, no sewers or waterways, and no private property affected. Clean up pending crews. Liquid sample has been taken for pcb's, Clean up will be treated as 50-499.

Environmental tag number is 37692, which fell into the oil, and was replaced with environmental tag number 37542. 20:41 tanker ordered. 20:50 flush crew dispatched. 27-AUG-2002 21:04 CIG McGuire # 61959

27-AUG-2002 21:45 DEP Rep on R. Diaz on location. 21:50 Flush Mech E. Henn on location. 22:00 ERT D. DUKE on location. Historic results are as follows: Distribution Area: Bronx Vault: 1676 - TRANSFORMER

MANHOLE Location: 385 GERARD AV SWK NLY (L LEG) Sample Date, Analysis Date, Received Date, PCB(PPM), Lab Seq No 1/19/1987, 1/26/1987, 1/26/1987, 10ppm, 700908 Tanker scheduled for 23:30 tonight.

27-AUG-2002 23:00 Update: EPA ID # obtained at 21:00 from ERT D. Duke. 27-AUG-2002 23:30 Spring Scafolding company was contacted due to scafolding over part of the grating. The company was called and paged, but did not respond. Spring Scafolding Companies phone number is 718-392-4921, and pager # is 917-241-9443. 23:45 EH&S Rep S. Marotta is on location. 28-AUG-2002 02:00 Flush Mech E. Henn Reports that the Astoria tanker removed 400 gallons on non-haz oil, and the flush truck remove 300 pounds of debris. The transformer will be drained when the unit has been CFR. There is no oil leaking at this time. The sump pit was found sealed with concrete. Clean up pending transformer removal.

29-August-2002 @ 06:36 hrs. Lab. results posted as follows:

Page 1 of 1 8/27/2002 Consolidated Edison Environment, Health and Safety ChemLab NELAP NY Lab ID No: 10380 Lab Sequence Number: 02-08018-001 Date Approved: 8/27/2002 E2 Incident Number: 144758 Date Received: 8/27/2002 Chain of Custody ID: CC05654 Date Sampled:

8/27/2002 PCB analysis by EPA 608/8082 Aroclor 1242 < 1.0 ppm EPA 608/8082 Aroclor 1254 < 1.0 ppm EPA 608/8082 Aroclor 1248 < 1.0 ppm EPA 608/8082 Aroclor 1260 < 1.0 ppm EPA 608/8082 21-OCT-2002 15:38 Environmental Flush Mech A O. Negron 18400 reports cleanup complete. 775 Gallons of NON-PCB oil and water was removed from the vault by tanker and 1200 pounds of non-hazardous solids were removed by the flush truck. The liquid waste will be transported to Astoria WWTP and the solids will be transported to Hellgate Flush pit. The tanker removed 90 gallons of oil from the unit. The capacity of the unit is 205 gallons, making the spill 115 gallons. The addition spill volume was report to ERT W. Capune 85485 at 15:39. Vault was double washed and rinsed. Cleanup complete. As noted above the sump was sealed with concrete, the discrepancy was 65 gallons and was mis-estimated during the initial report recovered from the vault. 21-OCT-2002 15:53 CIG T. Marcinek 87549 notified of update 15:49 Update 1/14/04 Transformer removal confirmed as per 10/23/03 entry in e2mis report."

Remarks:
"PROBLEM WITH FEEDER. CONTAINED IN MANHOLE. 50 GALS ON 400 GALS OF WATER. CON ED 144758. CLEAN UP PENDING. UNK PCB 50-499 PPM."

Material:
Site ID: 288208
Operable Unit ID: 857018
Operable Unit: 01
Material ID: 519775
Material Code: 0541A
MANHOLE 1676 (Continued)

Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

RCRA NonGen / NLR: 1000130658
ICIS NYD052801990
US AIRS NY MANIFEST

C32 S & S INDUSTRIES INC-385 GERARD AVE
SSW 385 GERARD AVE
< 1/8 BRONX, NY 10451
0.042 mi. Site 8 of 11 in cluster C
220 ft. Facility is not located on Indian land. Additional information is not known.

Relative: Facility name: S & S INDUSTRIES INC
Lower Facility address: 385 GERARD AVE
Actual: BRONX, NY 10451
20 ft. EPA ID: NYD052801990
Mailing address: GERARD AVE
Contact: JEROME WESTON
Contact address: GERARD AVE
Contact country: US
Contact telephone: (718) 585-1333
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF

FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING

1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED

TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE,

THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

Waste name: F001

U.S. importer of hazardous waste: No

Large Quantity Generator Classification:

S & S INDUSTRIES INC - 385 GERARD AVE

Site name: S & S INDUSTRIES INC

Classification: Not a generator, verified

Date form received by agency: 01/01/2006

Historical Generators:

Date form received by agency: 03/20/1998

Site name: S & S INDUSTRIES, INC.

Classification: Large Quantity Generator

Date form received by agency: 03/28/1996

Site name: S & S INDUSTRIES INC

Classification: Large Quantity Generator

Date form received by agency: 03/31/1994

Site name: S & S INDUSTRIES INC

Classification: Large Quantity Generator

Date form received by agency: 03/01/1992

Site name: S & S INDUSTRIES

Classification: Large Quantity Generator

Date form received by agency: 03/01/1990

Site name: S & S INDUSTRIES

Classification: Large Quantity Generator

Date form received by agency: 01/19/1981

Site name: S & S INDUSTRIES INC

Classification: Large Quantity Generator

Waste code: F001

THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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.
### S & S INDUSTRIES INC-385 GERARD AVE (Continued)

<table>
<thead>
<tr>
<th>Facility Has Received Notices of Violations:</th>
<th>Violation lead agency:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulation violated: Not reported</td>
<td>EPA</td>
</tr>
<tr>
<td>Area of violation: Generators - General</td>
<td></td>
</tr>
<tr>
<td>Date violation determined: 01/07/1999</td>
<td>Enforcement action: WRITTEN INFORMAL</td>
</tr>
<tr>
<td>Date achieved compliance: 03/23/1999</td>
<td>Enf. disposition status: Not reported</td>
</tr>
<tr>
<td>Violation lead agency: EPA</td>
<td>Enf. disp. status date: Not reported</td>
</tr>
<tr>
<td>Enforcement lead agency: EPA</td>
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<tr>
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<tr>
<td>Final penalty amount: Not reported</td>
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<tr>
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<tr>
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<td>Date violation determined: 08/11/1993</td>
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<td>Date achieved compliance: 03/03/1994</td>
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<td>Enforcement action date: 08/11/1993</td>
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<tr>
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<tr>
<td>Final penalty amount: Not reported</td>
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<tr>
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<tr>
<td>Area of violation: Generators - General</td>
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<tr>
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<table>
<thead>
<tr>
<th>Evaluation date</th>
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<th>Date achieved compliance</th>
<th>Evaluation lead agency</th>
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<tr>
<td>01/07/1999</td>
<td>COMPLIANCE EVALUATION INSPECTION ON-SITE</td>
<td>Generators - General</td>
<td>03/23/1999</td>
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<td>03/03/1994</td>
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<td>Generators - General</td>
<td>03/11/1988</td>
<td>State</td>
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<tr>
<td>03/23/1999</td>
<td>Notice of Violation</td>
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<tr>
<td>03/03/1994</td>
<td>Notice of Violation</td>
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<tr>
<td>07/07/1993</td>
<td>Notice of Violation</td>
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**ICIS:**
- Enforcement Action ID: NY000A0000260040009000004
- FRS ID: 110000322678
- Action Name: S & S INDUSTRIES INC-385 GERARD AVE 360050031800004
- Facility Name: S & S INDUSTRIES INC-385 GERARD AVE
- Facility Address: 385 GERARD AVE BRONX, NY 10451
- Enforcement Action Type: Notice of Violation
- Facility County: BRONX
- Program System Acronym: AIR
- Enforcement Action Forum Acronym: Administrative - Informal
- EA Type Code: NOV
- Facility SIC Code: 3559
- Federal Facility ID: Not reported
- Latitude in Decimal Degrees: 40.81663
- Longitude in Decimal Degrees: -73.93015
- Permit Type Desc: Not reported
- Program System Acronym: NY00000002600400090
- Facility NAICS Code: 332618
- Tribal Land Code: Not reported

**US AIRS MINOR:**
- Envid: 1000130658
- Region Code: 02
- Programmatic ID: AIR NY00000002600400090
- Facility Registry ID: 110000322678
- D and B Number: Not reported
- Primary SIC Code: 3559
- NAICS Code: 332618
- Default Air Classification Code: MIN
- Facility Type of Ownership Code: POF
S & S INDUSTRIES INC-385 GERARD AVE (Continued) 1000130658

Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002600400090
Facility Registry ID: 110000322678
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-06-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400090
Facility Registry ID: 110000322678
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400090
Facility Registry ID: 110000322678
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-08-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400090
Facility Registry ID: 110000322678
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400090
Facility Registry ID: 110000322678
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
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<td>Activity Status:</td>
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NY MANIFEST:
- **Country:** USA
- **EPA ID:** NYD052801990
- **Facility Status:** Not reported
- **Location Address 1:** 385 GERARD AVENUE
- **Code:** BP
- **Location Address 2:** Not reported
- **Total Tanks:** Not reported
- **Location City:** BRONX
- **Location State:** NY
- **Location Zip:** 10451
- **Location Zip 4:** Not reported

NY MANIFEST:
- **EPAID:** NYD052801990
- **Mailing Name:** S & S INDUSTRIES
- **Mailing Contact:** P. JAMES
- **Mailing Address 1:** 385 GERARD AVENUE
- **Mailing Address 2:** Not reported
- **Mailing City:** BRONX
- **Mailing State:** NY
- **Mailing Zip:** 10451
- **Mailing Zip 4:** Not reported
- **Mailing Country:** USA
- **Mailing Phone:** 2125851333

NY MANIFEST:
- **Document ID:** NYS1431612
- **Manifest Status:** Not reported
- **seq:** 01
- **Year:** 1999
- **Trans1 State ID:** AB99744PA
- **Trans2 State ID:** PAAH0289
- **Generator Ship Date:** 12/07/1999
- **Trans1 Recv Date:** 12/07/1999
- **Trans2 Recv Date:** 12/15/1999
- **TSD Site Recv Date:** 12/21/1999
- **Part A Recv Date:** Not reported
S & S INDUSTRIES INC-385 GERARD AVE (Continued) 1000130658

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<td>Container Type:</td>
<td>DM - Metal drums, barrels</td>
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<td>Handling Method:</td>
<td>T Chemical, physical, or biological treatment.</td>
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<tr>
<td>Specific Gravity:</td>
<td>01.00</td>
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</table>

Click this hyperlink while viewing on your computer to access
88 additional NY_MANIFEST: record(s) in the EDR Site Report.

| B33 | 101-165 W 146TH ST/BX | NY LTANKS | S100167695 |
| NW  | 1010165 WEST 146TH STREET | N/A        |
|< 1/8 | NEW YORK CITY, NY | 0.050 mi. | 262 ft. |

Site 3 of 9 in cluster B

<table>
<thead>
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<th>Relative:</th>
<th>LTANKS:</th>
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<tr>
<td>Lower</td>
<td>Site ID: 245732</td>
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<tr>
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<td>Spill Number/Closed Date: 8902952 / 2000-12-27</td>
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<td>8 ft.</td>
<td>Spill Date: 1989-06-19</td>
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<td>Spill Cause: Tank Failure</td>
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<tr>
<td></td>
<td>Spill Source: Institutional, Educational, Gov., Other</td>
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<tr>
<td></td>
<td>Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.</td>
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<td>Cleanup Ceased: Not reported</td>
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<td>Cleanup Meets Standard: False</td>
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<tr>
<td></td>
<td>SWIS: 0301</td>
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<td>Investigator: MCTIBBE</td>
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<td>Spill Notifier: Tank Tester</td>
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101-165 W 146TH ST/BX (Continued)  S100167695

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<td>UST Involvement</td>
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<td>Date Entered In Computer</td>
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<td>Spiller Address</td>
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<tr>
<td>DEC Memo</td>
<td>&quot;Prior to Sept, 2004 data translation this spill Lead_DEC Field was</td>
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<tr>
<td></td>
<td>TIBBE 11/15/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/15/94.</td>
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<tr>
<td></td>
<td>transferred from Hale to Tibbe on 12/27/00. refer to 89-02374.</td>
</tr>
<tr>
<td></td>
<td>remediation ongoing.</td>
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<tr>
<td>Remarks</td>
<td>&quot;(2) 5K TANKS IN SYSTEM, TRIED HORNER EZY CHECK BUT STOPPED TEST WHEN</td>
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<td></td>
<td>VISIBLE LEAK WAS NOTICED ON TANK TOP OF ONE TANK.&quot;</td>
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<tr>
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<tr>
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Tank Test:

---

D34 PUBLICATION 31 - BRONX NY NY 004077572 0/15<br> ESE 425 GRAND CONCOURSE<br> < 1/8<br> 0.052 mi.<br> 273 ft. Site 1 of 5 in cluster D

Relative: Higher

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TC5022723.2s  Page 66
### PUBLIC SCHOOL 31 - BRONX (Continued)

#### Affiliation Records:

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<th>17363</th>
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<tbody>
<tr>
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<td>NYC DEPT OF CITYWIDE</td>
</tr>
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<td>Contact Type</td>
<td>Not reported</td>
</tr>
<tr>
<td>Contact Name</td>
<td>JOSEPH WAGNER</td>
</tr>
<tr>
<td>Address1</td>
<td>ADMIN SERVICES</td>
</tr>
<tr>
<td>Address2</td>
<td>1 CENTRE ST 20TH FL SOUTH</td>
</tr>
<tr>
<td>City</td>
<td>NEW YORK</td>
</tr>
<tr>
<td>State</td>
<td>NY</td>
</tr>
<tr>
<td>Zip Code</td>
<td>10007</td>
</tr>
<tr>
<td>Country Code</td>
<td>001</td>
</tr>
<tr>
<td>Phone</td>
<td>(212) 669-4890</td>
</tr>
<tr>
<td>EMail</td>
<td><a href="mailto:JWAGNER@DCAS.NYC.GOV">JWAGNER@DCAS.NYC.GOV</a></td>
</tr>
<tr>
<td>Modified By</td>
<td>KAKYER</td>
</tr>
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<td>Date Last Modified</td>
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<tr>
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<td>(212) 386-0481</td>
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<td>Country Code</td>
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<tr>
<td>Phone</td>
<td>(718) 349-5400</td>
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<tr>
<td>EMail</td>
<td>Not reported</td>
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<td>Fax Number</td>
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<tr>
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<tr>
<td>Company Name</td>
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<td>Contact Type</td>
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<tr>
<td>Contact Name</td>
<td>DARIO VALQUEZ</td>
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</table>
PUBLIC SCHOOL 31 - BRONX (Continued)

Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 669-7244
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-09-27

Tank Info:

Tank Number: 001
Tank Id: 34032
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1957
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/31/2015
Register: True
Modified By: HDDUPIGN
Last Modified: 01/12/2016
Material Name: Not reported
Map FINDINGS

Site 2 of 5 in cluster D

SPILLS:

- Facility ID: 0706095
- Facility Type: ER
- DER Facility ID: 335935
- Site ID: 386548
- DEC Region: 2
- Spill Date: 2007-08-29
- Spill Number/Closed Date: 0706095 / 2008-01-28
- Spill Cause: Vandalism
- Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- SWIS: 0301
- Investigator: rmpiper
- Referred To: Not reported
- Reported to Dept: 2007-08-29
- CID: 444
- Water Affected: Not reported
- Spill Source: Institutional, Educational, Gov., Other
- Spill Notifier: Other
- Cleanup Ceased: Not reported
- Cleanup Meets Std: False
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Trust: Not reported
- Remediation Phase: 0
- Date Entered In Computer: 2007-08-29
- Spill Record Last Update: 2008-01-28
- Spiller Name: MIKE
- Spiller Company: FORMER SCHOOL PS31X
- Spiller Address: 425 GRAND CONCOURSE
- Spiller City,St,Zip: BRONX, NY
- Spiller Company: 001
- Contact Name: MIKE
- Contact Phone: (212) 614-3369
- DEC Memo: "Sangesland spoke to Mike at STV Inc. (consultant to NYC School Construction Authority). Old abandoned school. Vandels have taken copper wires and pipes out of the building. Some oil contamination in a 2 ft x 2 ft pit in the basement floor. Tank was still intact with oil in the tank. Consultant hired by School Construction Fund will drain the tank, clean the basement floor (power wash) and will dig out the pit location, do end point samples. Unknown if the city will renovate the building or knock it down and rebuild. 10/2/07- DEC piper left message for mike req callback and info. 1/28/07- Piper reviewed closure report. As per report, spill was due to vandalism. Contractor cleaned floor and excavated area of concern. Endpoints revealed low level svoc's in one location. All others below TAGM or clean. This spill is closed. see e-docs if warranted."

Remarks: "CONTRACTORS NOTICED THAT SCAVENGERS STRIPPED THE COPPER OUT OF BUILDING AND THE CONTENTS WENT ON THE FLOOR: THERE IS A 2X2 HOLE IN FLOOR AND IT ALSO WENT DOWN THERE"

Material:
- Site ID: 386548
- Operable Unit ID: 1143787
FORMER SCHOOL PS31X (Continued)

Operable Unit: 01
Material ID: 2134055
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 15.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

E36  CLOSED-LACKOF RECENT INFO  NY LTANKS  S100145072
NE  471 WALTON AVE  N/A
< 1/8  NEW YORK CITY, NY
0.053 mi.  Site 1 of 10 in cluster E
281 ft.

Relative: LTANKS: 327563
Higher Site ID: 8800476 / 2003-03-04
Actual: Spill Date: 1988-03-31
37 ft.
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: a3
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 1988-04-14
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1988-04-21
Spill Record Last Update: 2003-03-04
Spiller Name: Not reported
Spiller Company: WIRELESS CABLE NY
Spiller Address: 471 WALTON AVE
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 263690
DEC Memo: 
Remarks: "3K TANK (OR POSSIBLY 1K TANK) FAILED WITH A LEAK RATE OF -0.5GPH, WILLPUMP OUT TANK, FURTHER ACTION UNKNOWN. CONTACT: CHARLES RAY (212)-665-0426. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET
### CLOSED-LACK OF RECENT INFO (Continued)

ANY CLEANUP REQUIREMENTS. "

**Material:**
- Site ID: 327563
- Operable Unit ID: 916101
- Operable Unit: 01
- Material ID: 459659
- Material Code: 0009
- Material Name: gasoline
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: -1.00
- Units: Pounds
- Recovered: .00
- Resource Affected: Not reported
- Oxygenate: Not reported

**Tank Test:**
- Site ID: 327563
- Spill Tank Test: 1533658
- Tank Number: Not reported
- Tank Size: 0
- Test Method: 00
- Leak Rate: .00
- Gross Fail: Not reported
- Modified By: Spills
- Last Modified: Not reported
- Test Method: Unknown

---

**C37** MOBAR AUTOMOTIVE RESTORATION EDR Hist Auto 1021464054 N/A

SSW 370 GERARD AVE
BRONX, NY 10451

< 1/8<br>0.055 mi.<br>288 ft.<br>Site 9 of 11 in cluster C

**Relative:** Higher
**Actual:** 30 ft.

**Year** | **Name** | **Type**
---|---|---
2003 | MOBAR AUTOMOTIVE RESTORATION | General Automotive Repair Shops<br>2004 | MOBAR AUTOMOTIVE RESTORATION | General Automotive Repair Shops<br>2005 | MOBAR AUTOMOTIVE RESTORATION | General Automotive Repair Shops

---

**E38** LOT 63,TAXBLOCK 2350 NY E DESIGNATION S109942730 N/A

NE 479 WALTON AVENUE
BRONX, NY 10451<br>< 1/8<br>0.055 mi.<br>292 ft.<br>Site 2 of 10 in cluster E

**Relative:** Higher<br>**Actual:** 33 ft.

| Tax Lot(s): | 63 |
| Tax Block: | 2350 |
| Borough Code: | BX |
| E-No.: | E-227 |
| Effective Date: | 6/30/2009 |
### LOT 63, TAXBLOCK 2350 (Continued)

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<th>Direction</th>
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<th>Elevation</th>
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<th>EPA ID Number</th>
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<td>S109942730</td>
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**Satisfaction Date:** Not reported  
**Ceqr Number:** 08DCP071X  
**Ulurp Number:** 090303ZMX  
**Zoning Map No:** 6a

**Description:** Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems

**Lot Remediation Date:** Not reported

**Description:** Exhaust stack location limitations

**Lot Remediation Date:** Not reported

**Description:** Hazardous Materials* Phase I and Phase II Testing Protocol

**Lot Remediation Date:** Not reported

---

**E39**  
**MTA NYCT - PUMP ROOM 3213**  
**NE**  
**479 WALTON AVE**  
**BRONX, NY 10451**

**Site 3 of 10 in cluster E**

**Relative:**  
**Higher**  
**Actual:** 33 ft.

**NY MANIFEST:**  
**Country:** USA  
**EPA ID:** NYR000214460  
**Facility Status:** Not reported  
**Location Address 1:** 479 WALTON AVE  
**Code:** BP  
**Location Address 2:** Not reported  
**Total Tanks:** Not reported  
**Location City:** BRONX  
**Location State:** NY  
**Location Zip:** 10451  
**Location Zip 4:** Not reported

**NY MANIFEST:**  
**EPAID:** NYR000214460  
**Mailing Name:** MTA NYCT - PUMP ROOM 3213  
**Mailing Contact:** NYCT - OSS (CPM) CONT# E-40805  
**Mailing Address 1:** 2 BROADWAY RM A27.64  
**Mailing Address 2:** Not reported  
**Mailing City:** NEW YORK  
**Mailing State:** NY  
**Mailing Zip:** 10004  
**Mailing Zip 4:** Not reported  
**Mailing Country:** USA  
**Mailing Phone:** 6462525777

**NY MANIFEST:**  
**Document ID:** Not reported  
**Manifest Status:** Not reported  
**seq:** Not reported  
**Year:** 2016  
**Trans1 State ID:** NJR988628162  
**Trans2 State ID:** Not reported  
**Generator Ship Date:** 06/21/2016  
**Trans1 Recv Date:** 06/21/2016  
**Trans2 Recv Date:** Not reported  
**TSD Site Recv Date:** 06/21/2016
### MTA NYCT - PUMP ROOM 3213 (Continued)

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<td>Trans2 EPA ID:</td>
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Click this hyperlink while viewing on your computer to access additional NY_MANIFEST; detail in the EDR Site Report.

---

**E40**

**NE**

**< 1/8**

**0.055 mi.**

**292 ft.**

**Site 4 of 10 in cluster E**

**Relative:**

**Higher**

Date form received by agency: 11/06/2014

Facility name: MTA NYCT - PUMP ROOM 3213

Facility address: 479 WALTON AVE

BRONX, NY 10451

EPA ID: NYR000214460

Mailing address: BROADWAY 5TH FL 503

NEW YORK, NY 10004

Contact: GERALD LEZEAU

Contact address: BROADWAY 5TH FL 503

**Actual:**

**33 ft.**
### MTA NYCT - PUMP ROOM 3213 (Continued)

<table>
<thead>
<tr>
<th>Contact country:</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact telephone:</td>
<td>(646) 252-3535</td>
</tr>
<tr>
<td>Contact email:</td>
<td><a href="mailto:GERALD.LEZEAU@NYCT.COM">GERALD.LEZEAU@NYCT.COM</a></td>
</tr>
<tr>
<td>EPA Region:</td>
<td>02</td>
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<tr>
<td>Classification:</td>
<td>Small Small Quantity Generator</td>
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<tr>
<td>Description:</td>
<td>Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time</td>
</tr>
</tbody>
</table>

#### Handler Activities Summary:

- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
- **Used oil Specification marketer:** No
- **Used oil transfer facility:** No
- **Used oil transporter:** No

- **Waste code:** D008
- **Waste name:** LEAD

**Violation Status:** No violations found
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<td>LOT 22, TAXBLOCK 2351, 500 EXTERIOR STREET, BRONX, NY 10451</td>
<td>S117676011</td>
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<tr>
<td>NNW</td>
<td>0.055 mi. 292 ft. Site 1 of 5 in cluster F</td>
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<td>Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems</td>
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<tr>
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<td></td>
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</table>

| C42    | LOT 110, TAXBLOCK 2344, 370 GERARD AVENUE, BRONX, NY 10451                      | S109942188    |
| SSW    | 0.056 mi. 297 ft. Site 10 of 11 in cluster C                                    | N/A           |
|        | Relative: E DESIGNATION:                                                          |               |
|        | Tax Lot(s): 110                                                                 |               |
|        | Tax Block: 2344                                                                 |               |
|        | Borough Code: BX                                                                |               |
|        | E-No: E-227                                                                     |               |
|        | Effective Date: 6/30/2009                                                        |               |
|        | Satisfaction Date: Not reported                                                  |               |
|        | Zoning Map No: 6a                                                               |               |
|        | Description: Hazardous Materials* Phase I and Phase II Testing Protocol           |               |
|        | Lot Remediation Date: Not reported                                               |               |

| F43    | A.C. AUTO WRECKING CO. INC, 475 GERARD AVENUE, BRONX, NY 10451                  | S107784291    |
| North  | 0.057 mi. 299 ft. Site 2 of 5 in cluster F                                     | N/A           |
|        | Relative: AST:                                                                  |               |
|        | Region: STATE                                                                   |               |
|        | DEC Region: 2                                                                   |               |
|        | Site Status: Unregulated/Closed                                                  |               |
|        | Facility Id: 2-605476                                                            |               |
### A.C. AUTO WRECKING CO. INC (Continued)

<table>
<thead>
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<td>Expiration Date:</td>
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<td>Site Type:</td>
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**Affiliation Records:**
- **Site Id:** 27344
- **Affiliation Type:** Facility Owner
- **Company Name:** HOWARD SHOMSKY
- **Contact Type:** MANAGER
- **Contact Name:** HENRY KESSLER
- **Address1:** 11 DEB ST
- **Address2:** Not reported
- **City:** PLAINVIEW
- **State:** NY
- **Zip Code:** 11803
- **Country Code:** 001
- **Phone:** (516) 433-7645
- **EMail:** Not reported
- **Fax Number:** Not reported
- **Modified By:** NRLOMBAR
- **Date Last Modified:** 2006-01-04

- **Site Id:** 27344
  - **Affiliation Type:** Mail Contact
  - **Company Name:** A.C. AUTO WRECKING CO INC
  - **Contact Type:** Not reported
  - **Contact Name:** HENRY KESSLER
  - **Address1:** 54 LARCH HILL ROAD
  - **Address2:** Not reported
  - **City:** LAWRENCE
  - **State:** NY
  - **Zip Code:** 11559
  - **Country Code:** 001
  - **Phone:** (516) 239-8683
  - **EMail:** Not reported
  - **Fax Number:** Not reported
  - **Modified By:** NRLOMBAR
  - **Date Last Modified:** 2006-01-04

- **Site Id:** 27344
  - **Affiliation Type:** On-Site Operator
  - **Company Name:** A.C. AUTO WRECKING CO. INC
  - **Contact Type:** Not reported
  - **Contact Name:** HOWARD SHOMSKY
  - **Address1:** Not reported
  - **Address2:** Not reported
  - **City:** Not reported
  - **State:** NN
  - **Zip Code:** Not reported
  - **Country Code:** 001
  - **Phone:** (718) 292-3274
  - **EMail:** Not reported
  - **Fax Number:** Not reported
  - **Modified By:** TRANSLAT
  - **Date Last Modified:** 2004-03-04
### A.C. AUTO WRECKING CO. INC (Continued)

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**Tank Info:**

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<td>Common Name of Substance:</td>
<td>Used Oil (Heating, On-Site Consumption)</td>
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</table>

**Equipment Records:**

- A00 - Tank Internal Protection - None
- I00 - Overfill - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- D00 - Pipe Type - No Piping
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- C00 - Pipe Location - No Piping
- G01 - Tank Secondary Containment - Diking (Aboveground)
- H00 - Tank Leak Detection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

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<tr>
<th>Tank Location:</th>
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<tr>
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<tr>
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<tr>
<td>Pipe Model:</td>
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<td>01/01/2001</td>
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<td>Date Test:</td>
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<td>Next Test Date:</td>
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A.C. AUTO WRECKING CO. INC (Continued)

Equipment Records:

- D00 - Pipe Type - No Piping
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- A00 - Tank Internal Protection - None
- I00 - Overfill - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- H00 - Tank Leak Detection - None
- C00 - Pipe Location - No Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/2001
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/01/2002
Register: True
Modified By: NRLOMBAR
Last Modified: 01/04/2006
Material Name: Not reported

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<tr>
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<td>475 GERARD AVE</td>
<td>BRONX, NY 10451</td>
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<tr>
<td>&lt; 1/8</td>
<td>0.057 mi.</td>
<td>299 ft.</td>
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<tr>
<td>Site 3 of 5 in cluster F</td>
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Relative: Lower

Actual: 23 ft.

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<tr>
<td>2000</td>
<td>W &amp; E AUTOBODY</td>
<td>General Automotive Repair Shops</td>
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<td>2010</td>
<td>SY BABA</td>
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### Site 3 of 5 in cluster D

**Lot:** LOT 26, TAXBLOCK 2345

**Address:** 350 GRAND CONCOURSE, BRONX, NY 10451

**Relative Elevation:** 303 ft.

**Relative:** Higher

**Actual:** 39 ft.

**Lot Remediation Date:** Not reported

**Tax Lot(s):** 26

**Tax Block:** 2345

**Borough Code:** BX

**E-No:** E-227

**Effective Date:** 6/30/2009

**Satisfaction Date:** Not reported

**Ceq Number:** 08DCP071X

**Ulurp Number:** 090303ZMX

**Zoning Map No:** 6a

**Description:** Window Wall Attenuation & Alternate Ventilation

**Lot Remediation Date:** Not reported

**Description:** Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems

**Lot Remediation Date:** Not reported

**Description:** Exhaust stack location limitations

**Lot Remediation Date:** Not reported

**Description:** Hazardous Materials* Phase I and Phase II Testing Protocol

**Lot Remediation Date:** Not reported

---

### Site 4 of 5 in cluster F

**Lot:** LOT, TAXBLOCK

**Address:** 477 GERARD AVENUE, BRONX, NY 10451

**Relative Elevation:** 310 ft.

**Relative:** Lower

**Actual:** 23 ft.

**Lot Remediation Date:** Not reported

**Program:** BCP

**Site Code:** 493435

**Acres:** 0.2

**HW Code:** C203071

**SWIS:** 0301

**Town:** New York City

**Record Added Date:** 04/07/2014

**Record Updated Date:** 04/26/2017

**Update By:** JEBROWN

**Site Description:**

Location: The site is located at 477 Gerard Avenue, Bronx, NY on the northwest corner of the intersection of East 146th Street and Gerard Avenue. The site is bounded by the streets above, and the 500 Exterior Street property. The site is approximately 0.37 acres in size. Site Features: The main site features include a small wooden shack and staged construction materials. Current Zoning and Land Use: The site is currently vacant with an ongoing hotel construction project adjacent to it. The site is zoned M1-4/R8A as a special mixed-use district meant to enhance the vitality of existing neighborhoods with mixed residential and industrial uses. The future use of the site is planned as a mixed-use building consisting of housing and commercial retail, with a 25% affordable housing component. Past Use of the Site: The site was developed with commercial and industrial uses since at least 1908. Specific past...
uses include a lumberyard, a sign frame company, auto junkyard, and auto repair facility. In addition, underground storage tanks (USTs) have been reported at the site. Geology and Hydrogeology: The subsurface consists of a 5 to 10 feet deep historic fill layer. Beneath the fill layer, the site consists of unconsolidated sand and gravel layers to the depth of bedrock, which is approximately 300 feet below ground surface (bgs). Regional groundwater flow is estimated to flow west towards the Harlem River. Groundwater depth was estimated to be 12 to 19 feet bgs. There are two major aquifers beneath the site with a clay member confining the lower aquifer. The clay forms the Raritan Confining Unit which consists of layers of solid to silty clays and layers of sands. The aquifer below the Raritan Confining Unit consists of fine to medium grained sand and gravel with some coarse sand and solid clay.

Env Problem:
Soil and groundwater has been analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, poly-chlorinated biphenyls (PCBs), and metals. Soil vapor has been analyzed for VOCs. Soil: The primary contaminants found in site soils are polycyclic aromatic hydrocarbons (PAHs), metals, and PCBs, as documented in 3 different investigations conducted in 2010, 2014, and 2016. PAHs have been detected in shallow site soils to as deep as 16 feet below ground surface (bgs). A 2010 Phase II detected PAHs at depths ranging from 0 - 14 feet bgs, with the highest detections in the shallower 0 - 2 foot interval. Concentrations of benzo(a)anthracene were detected up to 9.8 parts per million (ppm) (RRSCO is 1 ppm), benzo(a)pyrene up to 9.1 ppm (RRSCO is 1 ppm), benzo(b)fluoranthene up to 7.6 ppm (RRSCO is 1 ppm), benzo(k)fluoranthene up to 8.2 ppm (RRSCO is 3.9 ppm), crysene up to 9.9 ppm (RRSCO is 3.9 ppm), dibenz(a,h)anthracene up to 1.1 ppm (RRSCO is 1.1 ppm), and indeno(1,2,3-cd)pyrene up to 2.3 ppm (RRSCO is 0.5 ppm). However, the most recent remedial investigation (RI) only detected PAHs in one boring at a depth of 15 - 16 feet bgs, including detections of benzo(a)anthracene at 1.8 ppm, benzo(a)pyrene at 1.8 ppm, benzo(b)fluoranthene at 2.2 ppm, crysene at 1.8 ppm, and indeno(1,2,3-cd)pyrene at 1.3 ppm. Metals have also been detected, including concentrations of arsenic up to 90 ppm (RRSCO is 18), barium up to 560 ppm (RRSCO is 400 ppm), cadmium up to 22 ppm (RRSCO is 4.3 ppm), copper up to 800 ppm (RRSCO is 270 ppm), lead up to 17,000 ppm (RRSCO is 400 ppm), mercury up to 1.6 ppm (RRSCO is 0.81 ppm), nickel up to 82 ppm (UUSCO is 30), and zinc up to 970 ppm (UUSCO is 109 ppm). PCBs have also been detected at concentrations as high 16.2 ppm at a depth of 2.5 - 4.5 feet bgs (RRSCO is 1 ppm). These contaminants are most likely related to the historic fill found at 5 to 10 feet bgs, as well as the historic automotive repair, vehicle dismantling, and USTs that occupied this area. Groundwater: There are no measureable groundwater impacts from the contamination found within the site soils. A Phase II investigation conducted in 2010 found no impacts except for elevated sodium levels above groundwater standards, but is expected due to the site s close proximity to the Harlem River. A 2014 Phase II investigation found elevated levels of magnesium, manganese, and iron in addition to sodium at levels above groundwater standards. Both of these investigations found no groundwater impacts from the site-related contaminants found in the site soils. The recent remedial investigation (RI) conducted in 2015 found concentrations of p-isopropyltoluene at 25 parts per billion (ppb) (standard is 5 ppb), and 1,2,4-trimethylbenzene at 18 ppb (standard is 5 ppb). Soil Vapor:
Several VOCs were detected in soil vapor including tetrachloroethene, trichloroethene, and benzene at concentrations of 162, 1.28, and 35.5 micrograms per cubic meter (\(\mu g/m^3\)), respectively.

Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.
477 GERARD AVENUE (Continued)

| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | SODIUM       |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | ARSENIC      |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | LEAD         |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | MANGANESE    |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | BENZ(A)ANTHRACENE |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | BENZO(A)PYRENE |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | DIBENZ[A,H]ANTHRACENE |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | IRON         |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | COPPER       |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | MAGNESIUM    |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| HW Code:    | C203071      |
| Waste Type: | CHROMIUM     |
| Waste Quantity: | UNKNOWN     |
| Waste Code: | Not reported |
| Crossref ID: | 1400009     |
| Cross Ref Type Code: | 01         |
| Cross Ref Type: | Spill No.   |
| Record Added Date: | 12/14/2015 10:09:00 AM |
| Record Updated: | 12/14/2015 10:09:00 AM |
| Updated By: | SXMAMHAT    |

S120706172
B47  BRONX COUNTY RECYCLING LLC  NY AST  A100293366
NW  475 EXTERIOR STREET  N/A
< 1/8  BRONX, NY  10451
0.064 mi.  Site 4 of 9 in cluster B
340 ft.

Relative:
Lower
Actual:
7 ft.

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-479977
Program Type: PBS
UTM X: 590192.97297
UTM Y: 4519056.15652
Expiration Date: N/A
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:
Site Id: 21398
Affiliation Type: Facility Owner
Company Name: RIVEREDGE REALTY CORP.
Contact Type: MEMBER
Contact Name: SALVATORE CASCINO
Address1: 801 BARTHOLDI STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10467
Country Code: 001
Phone: (718) 231-4274
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Site Id: 21398
Affiliation Type: Mail Contact
Company Name: BRONX COUNTY RECYCLING LLC
Contact Type: Not reported
Contact Name: JOHN HECKEMEYER
Address1: 475 EXTERIOR STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0755
EMail: BRONXCOUNTYRECYCLING@VERIZON.NET
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-04-28

Site Id: 21398
Affiliation Type: On-Site Operator
Company Name: BRONX COUNTY RECYCLING LLC
Contact Type: Not reported
Contact Name: SALVATORE CASCINO
Address1: Not reported
Address2: Not reported
City: Not reported
**BRONX COUNTY RECYCLING LLC (Continued)**

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<tr>
<td>Phone</td>
<td>(718) 742-0755</td>
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<td>EMail</td>
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<td>Address2</td>
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**Tank Info:**

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**Equipment Records:**

- J00 - Dispenser - None
- K00 - Spill Prevention - None
- D00 - Pipe Type - No Piping
- E00 - Piping Secondary Containment - None
- C00 - Pipe Location - No Piping
- H00 - Tank Leak Detection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- L00 - Piping Leak Detection - None
- G00 - Tank Secondary Containment - None
- I01 - Overfill - Float Vent Valve
- A00 - Tank Internal Protection - None
- F00 - Pipe External Protection - None

<table>
<thead>
<tr>
<th>Tank Location</th>
<th>3</th>
</tr>
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<tbody>
<tr>
<td>Tank Type</td>
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<td>Tank Status</td>
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<td>Pipe Model</td>
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<td>Date Tank Closed</td>
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BRONX COUNTY RECYCLING LLC (Continued)  

Register: True  
Modified By: NRLOMBAR  
Last Modified: 06/01/2012  
Material Name: Not reported

Tank Number: 02  
Tank Id: 66624  
Material Code: 0010  
Common Name of Substance: Hydraulic Oil

Equipment Records:
- D00 - Pipe Type - No Piping
- E00 - Piping Secondary Containment - None
- K00 - Spill Prevention - None
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- L00 - Piping Leak Detection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None
- C00 - Pipe Location - No Piping
- J00 - Dispenser - None
- F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/21/2003
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/25/2012
Register: True
Modified By: NRLOMBAR
Last Modified: 06/01/2012
Material Name: Not reported

Tank Number: 03  
Tank Id: 66625  
Material Code: 0022  
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:
- B01 - Tank External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None
- C00 - Pipe Location - No Piping
- D00 - Pipe Type - No Piping
- J00 - Dispenser - None
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- L00 - Piping Leak Detection - None
- I01 - Overfill - Float Vent Valve
- F00 - Pipe External Protection - None

Tank Location: 3
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<th>EDR ID Number</th>
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<th>Date Test</th>
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<th>Capacity Gallons</th>
<th>Date Install</th>
<th>Material Name:</th>
<th>Date Last Modified</th>
<th>Register:</th>
<th>Modified By:</th>
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### BRONX COUNTY RECYCLING LLC (Continued)

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<tr>
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<th>Tank Status:</th>
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<td>Tank Id:</td>
<td>66626</td>
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<td></td>
<td></td>
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</tr>
</tbody>
</table>

### Equipment Records:

- D00 - Pipe Type - No Piping
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- I01 - Overfill - Float Vent Valve
- B01 - Tank External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- J00 - Dispenser - None

<table>
<thead>
<tr>
<th>Tank Location:</th>
<th>3</th>
<th>Tank Type:</th>
<th>Steel/Carbon Steel/Iron</th>
<th>Tank Status:</th>
<th>Tank Converted to Non-Regulated Use</th>
<th>Pipe Model:</th>
<th>Not reported</th>
<th>Install Date:</th>
<th>06/21/2003</th>
<th>Capacity Gallons:</th>
<th>250</th>
<th>Tightness Test Method:</th>
<th>NN</th>
<th>Date Test:</th>
<th>Not reported</th>
<th>Next Test Date:</th>
<th>Not reported</th>
<th>Date Tank Closed:</th>
<th>Not reported</th>
<th>Register:</th>
<th>True</th>
</tr>
</thead>
</table>

### B48 BRONX COUNTY RECYCLING LLC

**NY UST** U004077857  
**NYW**  
**< 1/8 mi.**  
**0.064 mi.**  
**340 ft.**  
**Site 5 of 9 in cluster B**

**Relative:**

- **Lower Id/Status:** 2-479977 / Unregulated/Closed
- **Program Type:** PBS

**Actual:**

- **Region:** STATE
- **DEC Region:** 2
- **Expiration Date:** N/A
BRONX COUNTY RECYCLING LLC (Continued)  U004077857

UTM X: 590192.97297
UTM Y: 4519056.15652
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id: 21398
Affiliation Type: Facility Owner
Company Name: RIVEREDGE REALTY CORP.
Contact Type: MEMBER
Contact Name: SALVATORE CASCINO
Address1: 801 BARTHOLODI STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10467
Country Code: 001
Phone: (718) 231-4274
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Site Id: 21398
Affiliation Type: Mail Contact
Company Name: BRONX COUNTY RECYCLING LLC
Contact Type: Not reported
Contact Name: JOHN HECKEMEYER
Address1: 475 EXTERIOR STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0755
EMail: BRONXCOUNTYRECYCLING@VERIZON.NET
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-04-28

Site Id: 21398
Affiliation Type: On-Site Operator
Company Name: BRONX COUNTY RECYCLING LLC
Contact Type: Not reported
Contact Name: SALVATORE CASCINO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 742-0755
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Site Id: 21398
Affiliation Type: Emergency Contact
BRONX COUNTY RECYCLING LLC (Continued)  U004077857

Company Name: RIVEREDGE REALTY CORP.
Contact Type: Not reported
Contact Name: JOHN HECKEMEYER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 737-3299
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Tank Info:

Tank Number: 001
Tank ID: 38799
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1989
Date Tank Closed: 03/21/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H03 - Tank Leak Detection - Vapor Well
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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</thead>
<tbody>
<tr>
<td>B49</td>
<td>NW</td>
<td>&lt; 1/8</td>
<td>340 ft.</td>
<td>Site 6 of 9 in cluster B</td>
<td></td>
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</tbody>
</table>

**MAP FINDINGS**

**RCRA NonGen / NLR** 1000547811 NYD099511974

**COPAKE VALLEY FARM LLC**

475 EXTERIOR ST

BRONX, NY 10451

**Facility name:** COPAKE VALLEY FARM LLC

**EPA ID:** NYD099511974

**Mailing address:** EXTERIOR ST

BRONX, NY 10451

**Contact:** JAMES SOLANO

**Contact address:** EXTERIOR ST

BRONX, NY 10451

**Contact country:** US

**Contact telephone:** (718) 585-4353

**Contact email:** Not reported

**EPA Region:** 02

**Classification:** Non-Generator

**Description:** Handler: Non-Generators do not presently generate hazardous waste

**Handler Activities Summary:**

- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No

**Owner/Operator Summary:**

- **Owner/operator name:** RIVER EDGE REALTY CORP
- **Owner/operator address:** 801 BARTHOLOMI
  BRONX, NY 10457
- **Owner/operator country:** US
- **Owner/operator telephone:** (718) 585-4353
- **Legal status:** Private
- **Owner/Operator Type:** Owner
  Not reported
- **Owner/Op end date:** Not reported

**Owner/operator name:** RIVER EDGE REALTY CORP

**Owner/operator address:** 801 BARTHOLOMI

BRONX, NY 10457

**Owner/operator country:** US

**Owner/operator telephone:** (718) 585-4353

**Legal status:** Private

**Owner/Operator Type:** Operator

**Owner/Op start date:** Not reported

**Owner/Op end date:** Not reported

**Owner/Operator Summary:**

- **Owner/operator name:** RIVER EDGE REALTY CORP
- **Owner/operator address:** 801 BARTHOLOMI
  BRONX, NY 10457
- **Owner/operator country:** US
- **Owner/operator telephone:** (718) 585-4353
- **Legal status:** Private
- **Owner/Operator Type:** Operator
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported
COPAKE VALLEY FARM LLC (Continued)

| Used oil Specification marketer: | No |
| Used oil transfer facility:     | No |
| Used oil transporter:           | No |

Historical Generators:
Date form received by agency: 01/01/2006
Site name: COPAKE VALLEY FARM LLC
Classification: Not a generator, verified

Date form received by agency: 01/05/1999
Site name: COPAKE VALLEY FARM LLC
Classification: Not a generator, verified
- Waste code: NONE
- Waste name: None
Violation Status: No violations found

BRONX COUNTY RECYCLING
475 EXTERIOR STREET
BRONX, NY 10451

0.064 mi.
< 1/8
340 ft.
Site 7 of 9 in cluster B

Relative:
Lower
Flag: INACTIVE
Region Code: 2
Phone Number: 7184018594
Owner Name: Bronx County Recycling
Owner Type: Private
Owner Address: 475 Exterior Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10451
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Salvatore Cascino
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: sakascimo@verizon.net
Contact Phone: 7187420755
Activity Desc: C&D processing - registration
Activity Number: [03W87]
Active: No
East Coordinate: 590100
North Coordinate: 4519300
Accuracy Code: 2.1 - NYSDEC 100 m grid collection
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6004-00001
Authorization Date: Not reported
Expiration Date: 05/16/2000
Flag: INACTIVE
Region Code: 2
Phone Number: 7184012625
Owner Name: Not reported
Owner Type: Not reported

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BRONX COUNTY RECYCLING (Continued)

Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: RICHARD TUORTO; SITE MANAGER
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: C&D processing - registration
Activity Number: [03W66]
Active: No
East Coordinate: 590112
North Coordinate: 4518642
Accuracy Code: Not reported
Regulatory Status: Permit
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Flag: ACTIVE
Region Code: 2
Phone Number: 7187420755
Owner Name: Eric Coppola
Owner Type: Private
Owner Address: 3830 Boston Road
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10475
Owner Email: Not reported
Owner Phone: 7183258815
Contact Name: Joe Pego
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Jpego@nyrccc.com
Contact Phone: 7187420755
Activity Desc: C&D processing - registration
Activity Number: [03W87]
Active: Yes
East Coordinate: 590182
North Coordinate: 4519111
Accuracy Code: 1 - No accuracy stated
Regulatory Status: Registration
Waste Type: Asphalt;Brick;Concrete;Rock;Soil (Clean);Metals (Ferrous);Metals (Non-Ferrous);Construction & Demolition Debris
Authorization #: 03W87
Authorization Date: Not reported
Expiration Date: Not reported

SPILLS:
Facility ID: 9611101
Facility Type: ER
DER Facility ID: 201252
Site ID: 245003
BRONX COUNTY RECYCLING  (Continued)  

DEC Region:  2
Spill Date:  1996-12-03
Spill Number/Closed Date:  9611101 / 1997-01-10
Spill Cause:  Unknown
Spill Class:  Known release that creates a file or hazard. (Highly Improbable)
SWIS:  0301
Investigator:  O'DOWD
Referral To:  Not reported
Reported to Dept:  1996-12-09
CID:  351
Water Affected:  Not reported
Spill Source:  Commercial/Industrial
Spill Notifier:  Local Agency
Cleanup Ceased:  Not reported
Cleanup Meets Std:  False
Last Inspection:  Not reported
Recommended Penalty:  False
UST Trust:  False
Remediation Phase:  0
Date Entered In Computer:  1996-12-09
Spill Record Last Update:  2003-11-10
Spiller Name:  Not reported
Spiller Company:  SAME
Spiller Address:  Not reported
Spiller City,St,Zip:  ZZ -
Spiller Company:  Not reported
Spiller Name:  001
Contact Name:  UNK
Contact Phone:  Not reported
DEC Memo:  ""
Remarks:  "MATERIAL IS POSS LITHIUM BROMIDE - NON PUTRESSALE SOLID WASTE FACILITY - NYC DOS INSPECTOR MILURA OBSERVED AN UNKNOWN SUBSATNCE RUNNING FROM FACILITY INTO HARLEM RIVER - POSSIBLY LITHIUM BROMIDE SPILL FAXED FROM REGION 2"

Material:
Site ID:  245003
Operable Unit ID:  1042642
Operable Unit:  01
Material ID:  343308
Material Code:  0531A
Material Name:  lithium
Case No.:  07439932
Material FA:  Other
Quantity:  .00
Units:  Gallons
Recovered:  .00
Resource Affected:  Not reported
Oxygenate:  Not reported

Tank Test:

SPDES:

 Permit Number:  NYR00F342
State-Region:  02
Expiration Date:  09/30/2017
### BRONX COUNTY RECYCLING (Continued)

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<th>Value</th>
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<tr>
<td>Primary Facility SIC Code</td>
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<td>State Water Body Name</td>
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<td>Total Actual Average Flow (MGD)</td>
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BRONX COUNTY RECYCLING (Continued)  U000411220

Non-Gov Permit City: Not reported
Non-Gov Permit State Code: Not reported
Non-Gov Permit Zip Code: Not reported
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: NEW YORK RECYCLING LLC
Non-Gov Facility Street Address: NEW YORK RECYCLING
Non-Gov Facility Supplemental Location: 475 EXTERIOR ST
Non-Gov Facility City: BRONX
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10451
State Water Body: Not reported

C51  EXTerior ST & MAJOR DEEGAN EXPRESSWAY  NY Spills  S104879847
SW  BRONX, NY  N/A
< 1/8
0.067 mi.
353 ft.  Site 11 of 11 in cluster C

Relative:
Lower
Actual:
8 ft.

SPILLS:
Facility ID: 0008417
Facility Type: ER
DER Facility ID: 117639
Site ID: 137498
DEC Region: 2
Spill Date: 2000-10-18
Spill Number/Closed Date: 0008417 / 2000-11-02
Spill Cause: Abandoned Drums
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
SWIS: 0301
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2000-10-18
CJD: 257
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-10-18
Spill Record Last Update: 2002-09-16
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: STANLEY BALDWIN
Contact Phone: (718) 595-4658
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND No drum found "
Remarks: "65gal drum about 1/3 full "
Material:
Site ID: 137498
Operable Unit ID: 829011
### External ST & (Continued)

| Operable Unit: | 01 |
| Material ID: | 545925 |
| Material Code: | 0022 |
| Material Name: | waste oil/used oil |
| Case No.: | Not reported |
| Material FA: | Petroleum |
| Quantity: | 20.00 |
| Units: | Gallons |
| Recovered: | 00 |
| Resource Affected: | Not reported |
| Oxygenate: | Not reported |

**Tank Test:**

**Lot Remediation Date:**

**Hazardous Materials* Phase I and Phase II Testing Protocol**

**Description:** Window Wall Attenuation & Alternate Ventilation

**Lot Remediation Date:** Not reported

**Description:** Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems

**Lot Remediation Date:** Not reported

**Description:** Exhaust stack location limitations

**Lot Remediation Date:** Not reported

**Description:** Hazardous Materials* Phase I and Phase II Testing Protocol

**Lot Remediation Date:** Not reported

---

### G52

**LOT 22, TAXBLOCK 2345**

**391 GRAND CONCOURSE**

**BRONX, NY 10451**

**NY E DESIGNATION:** S109942343

**Effective Date:** N/A

**Zoning Map No:** 090303ZMX

**Ulurp Number:** 08DCP071X

**Satisfaction Date:** 6/30/2009

**Description:** Window Wall Attenuation & Alternate Ventilation

**Lot Remediation Date:** Not reported

**Description:** Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems

**Lot Remediation Date:** Not reported

**Description:** Exhaust stack location limitations

**Lot Remediation Date:** Not reported

**Description:** Hazardous Materials* Phase I and Phase II Testing Protocol

**Lot Remediation Date:** Not reported

---

### B53

**NORTHBOUD SERVICE RD**

**EXIT 4 MAJOR DEAGAN**

**BRONX, NY**

**NY Spills:** S108296970

**Effective Date:** N/A

**DER Facility ID:** 324835

**Facility ID:** 0610701

**SPILLS:**

**DER Facility ID:** 324835

**Facility ID:** 0610701

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NORTHBOUD SERVICE RD (Continued)  S108296970

DEC Region: 2
Spill Date: 2006-12-21
Spill Number/Closed Date: 0610701 / 2007-07-25
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: rmpiper
Referred To: Not reported
Reported to Dept: 2006-12-21
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered in Computer: 2006-12-21
Spill Record Last Update: 2007-07-25
Spiller Name: DOAN CAFFERTY
Spiller Company: NORTHBOUD SERVICE RD
Spiller Address: EXIT 4 MAJOR DEAGAN
Spiller City,St,Zip: BRONX, NY 001
Spiller Company: 001
Contact Name: DOAN CAFFERTY
Contact Phone: (917) 882-7164
DEC Memo: "Sangesland left a voice message with Mr. Cafferty asking for more information on what contamination was found during this digging AND which Brownfields case this site is associated with. If this is part of a Brownfields project, this spill can be closed out and the project forwarded to that Brownfields manager here at the DEC. This site is under separate contract and is not associated with the brownfield project. While digging excessive contamination was found. PID results were pinned at 2000 ppb. Piper left message for chief Engineer of Deegan Project, MAzher Usmani- 973-441-7225, requesting callback. need to send csl. 7/26/07. DEC Piper recieved and reviewed closure report. While digging a sewer construction crew observed cont soil in trench. Trench was 110' long x 8' wide x 15' deep. Cont soil was stockpiled and disposed of. 365 tons of soil was disposed of. ENdpoints revealed no VOC's and exceedances in SVOC's which is most likely due to fill material. A slab was put in the trench and a slab capped the trench. Closed. See e-docs if warranted."
Remarks: "NEAR THE BROWNFIELD PROJECT- FOUND CONTAMINATION WHILE DIGGING FOR A SEWER LINE: TOOK SAMPLES AND STOCK PILED AND HAVE NOT REMOVED MATERIAL"

Material:
Site ID: 375192
Operable Unit ID: 1132838
Operable Unit: 01
Material ID: 2122625
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
NORTHBOUD SERVICE RD  (Continued)

Quantity:  Not reported
Units:  Gallons
Recovered:  .00
Resource Affected:  Not reported
Oxygenate:  Not reported

Tank Test:

G54  U-HAUL CO OF METRO NY
SSE  368 WALTON AVENUE
< 1/8
0.072 mi.
382 ft.  Site 2 of 13 in cluster G

Relative:  Higher
Actual:  35 ft.

UST:
Id/Status:  2-084042  /  Unregulated/Closed
Program Type:  PBS
Region:  STATE
DEC Region:  2
Expiration Date:  N/A
UTM X:  590320.04772
UTM Y:  4518887.14960
Site Type:  Other

Affiliation Records:
Site Id:  1923
Affiliation Type:  Emergency Contact
Company Name:  U-HAUL CO OF METRO NEW YORK
Contact Type:  Not reported
Contact Name:  WILLIAM NEWTON
Address1:  Not reported
Address2:  Not reported
City:  Not reported
State:  NN
Zip Code:  Not reported
Country Code:  001
Phone:  (718) 562-8700
EMail:  Not reported
Fax Number:  Not reported
Modified By:  TRANSLAT
Date Last Modified:  2004-03-04

Site Id:  1923
Affiliation Type:  Facility Owner
Company Name:  U-HAUL CO OF METRO NEW YORK
Contact Type:  Not reported
Contact Name:  Not reported
Address1:  230 WEST 230TH STREET
Address2:  Not reported
City:  BRONX
State:  NY
Zip Code:  10463-9998
Country Code:  001
Phone:  (212) 562-8700
EMail:  Not reported
Fax Number:  Not reported
Modified By:  TRANSLAT

TC5022723.2s  Page 97
U-HAUL CO OF METRO NY (Continued)

Date Last Modified: 2004-03-04

Site Id: 1923
Affiliation Type: Mail Contact
Company Name: U-HAUL CO OF METRO NEW YORK
Contact Type: Not reported
Contact Name: SUPER FACILITY MANAGER
Address1: 368 WALTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 402-9688
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1923
Affiliation Type: On-Site Operator
Company Name: U-HAUL CO OF METRO NY
Contact Type: Not reported
Contact Name: JUANITA GILES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 402-9688
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 3174
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: Not reported
Date Tank Closed: 06/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 01/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004
U-HAUL CO OF METRO NY (Continued)

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

G55 U HAUL #803-68 NY Spills S104952744
SSE 368 WALTON AVE N/A
< 1/8 N/A
0.072 mi. N/A
382 ft. N/A
Site 3 of 13 in cluster G

Relative:
Higher
Actual:
35 ft.

Spills:

Facility ID: 0012172
Facility Type: ER
DER Facility ID: 171834
Site ID: 207038
DEC Region: 2
Spill Date: 2000-10-23
Spill Number/Closed Date: 0012172 / 2003-06-30
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2001-02-12
CID: 281
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2001-02-12
Spill Record Last Update: 2003-06-30
Spiller Name: REID RINER
Spiller Company: U-HAUL
Spiller Address: 368 WALTON AVE
Spiller City, St, Zip: BRONX, NY
Spiller Company: 001
Contact Name: REID RINER
Contact Phone: (602) 263-6647
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 6/30/03 TIPPLE UPDATING// SEE SPILL # 93-07897"
Remarks: "SOIL AND GROUNDWATER SAMPLES FROM ABOVE LOCATION REVEAL CONTAMINATION. CALLER HAS SPOKEN TO REGIONAL OFFICE 2 AND WILL FOLLOW UP WITH THEM."

Material:
Site ID: 207038
the three wells from Feb 2001, Sept 2001 and Jan 2002 all show continued declines in BTEX and MTBE levels over time. Samples from sampling which was done in Feb 2001, Sept 2001 and January 2002. October 2000. Sangesland requested additional rounds of groundwater (212-353-8280) submitted a Site Closure Letter (with backup data) in 001 Spiller Company: ZZ Spiller Address: Not reported Spiller City, St, Zip: ZZ Spiller Company: 001 Contact Name: Not reported Contact Phone: Not reported DEC Memo: *Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 4/10/2002 - Mr. Levent Eskicakit at ATC (212-353-8280) submitted a Site Closure Letter (with backup data) in October 2000. Sangesland requested additional rounds of groundwater sampling which was done in Feb 2001, Sept 2001 and January 2002. Samples were taken from 3 wells (MW1, MW2, MW3) The results showed continued declines in BTEX and MTBE levels over time. Samples from the three wells from Feb 2001, Sept 2001 and Jan 2002 all show...
non-detect for BTEX. In only the Feb 2001 sample there were trace levels of a couple of VOC's, but these were all non-detect by the Sept 2001 sampling. MTBE levels in MW1 have dropped over these last three sampling cycles from 458 (ug/l) to 199 and finally to 138 (Jan 2002) MTBE levels in MW2 have been trace (<5 ug/l) for this period. MTBE levels in MW3 were trace and are now non-detect. Based on this information, the NYSDEC is closing this site out with a No Further Action letter. The only exceedance of state standards at this time is for MTBE in MW1. Based on the historical data, the NYSDEC believes this value will attenuate over time."

Remarks: "SITE DISABLED / JUNK VEHICLES."

Material:
Site ID: 191735
Operable Unit ID: 989092
Operable Unit: 01
Material ID: 394149
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
**PPG INDUSTRIES INC LOC #1834 (Continued)**

| Contact: | Not reported |
| Contact address: | KAPPA DR, PITTSBURGH, NY 15238 |
| Contact country: | US |
| Contact telephone: | Not reported |
| Contact email: | Not reported |
| EPA Region: | 02 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

### Owner/Operator Summary:
- **Owner/operator name:** PPG INDUSTRIES INC
- **Owner/operator address:** NOT REQUIRED, NOT REQUIRED, WY 99999
- **Owner/operator country:** US
- **Owner/operator telephone:** (212) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Operator
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported

### Handler Activities Summary:
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
- **Used oil Specification marketer:** No
- **Used oil transfer facility:** No
- **Used oil transporter:** No

### Historical Generators:
- **Date form received by agency:** 01/01/2006
- **Site name:** PPG INDUSTRIES INC LOC #1834
- **Classification:** Not a generator, verified

- **Date form received by agency:** 07/08/1999
- **Site name:** PPG INDUSTRIES INC LOC #1834
- **Classification:** Not a generator, verified
PPG INDUSTRIES INC LOC #1834

Date form received by agency: 07/30/1986
Site name: PPG INDUSTRIES INC LOC #1834
Classification: Small Quantity Generator

- Waste code: D000
- Waste name: Not Defined

- Waste code: D001
- Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:
Registry ID: 110004407311

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000119433
Registry ID: 110004407311
DFR URL: http://echo.epa.gov/detailed-facility-report?id=110004407311

SPILLS:
- Facility ID: 9512362
- Facility Type: ER
- DER Facility ID: 82147
- Site ID: 91133
- DEC Region: 2
- Spill Date: 1996-01-03
- Spill Number/Closed Date: 9512362 / 2003-02-11
- Spill Cause: Unknown
- Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- SWIS: 0301
- Investigator: TOMASELLO
- Referred To: Not reported
- Reported to Dept: 1996-01-03
- CID: 266
- Water Affected: Not reported
- Spill Source: Unknown
- Spill Notifier: Fire Department
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<th>Elevation</th>
<th>Site</th>
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</table>

### 475 WALTON AVENUE (Continued)

- **Cleanup Ceased:** Not reported
- **Cleanup Meets Std:** False
- **Last Inspection:** Not reported
- **Recommended Penalty:** False
- **UST Trust:** False
- **Remediation Phase:** 0
- **Date Entered In Computer:** 1996-01-03
- **Spill Record Last Update:** 2003-02-11
- **Spiller Name:** Not reported
- **Spiller Company:** UNKNOWN
- **Spiller Address:** Not reported
- **Spiller City St.Zip:** NY 999
- **Contact Name:** Not reported
- **Contact Phone:** Not reported
- **DEC Memo:** Not reported
- **Remarks:** "SPILL FOUND IN ROADWAY IFO HOSTOS COMMUNITY COLLEGE. UNKNOWN SOURCE. NO SEWERS. FIRE DEPARTMENT ON SCENE. NYC DEP NOTIFIED AND RESPONDING."
- **Material:**
  - **Site ID:** 91133
  - **Operable Unit ID:** 1023461
  - **Operable Unit:** 01
  - **Material ID:** 356111
  - **Material Code:** 0001A
  - **Material Name:** #2 fuel oil
  - **Case No.:** Not reported
  - **Material FA:** Petroleum
  - **Quantity:** 30.00
  - **Units:** Gallons
  - **Recovered:** 30.00
  - **Resource Affected:** Not reported
  - **Oxygenate:** Not reported

- **Tank Test:**

---

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<td>MAJOR DEEGAN EXPRESS</td>
<td>BX Borough Code:</td>
<td></td>
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<tr>
<td>&lt; 1/8</td>
<td>0.080 mi.</td>
<td>E-227 E-No:</td>
<td></td>
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<td>423 ft.</td>
<td>Site 1 of 3 in cluster H</td>
<td>6/30/2009 Effective Date:</td>
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<td>E DESIGNATION:</td>
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<td>090303ZMX Ulurp Number:</td>
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<tr>
<td>EDI</td>
<td>E</td>
<td>Window Wall Attenuation &amp; Alternate Ventilation</td>
<td>Not reported</td>
<td>Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems</td>
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</tbody>
</table>

**LOT 47,TAXBLOCK 2349 (Continued)**

**EDDIES SERVICE CENTER**

- **Type:** General Automotive Repair Shops
- **Year:** 1971
- **Name:** EDDIES SERVICE CENTER

**LOT 34,TAXBLOCK 2350**

- **NY E DESIGNATION:** S109942467
- **Tax Lot(s):** 34
- **Tax Block:** 2350
- **Borough Code:** BX
- **Effective Date:** 6/30/2009
- **Satisfaction Date:** Not reported
- **Ceqr Number:** 0BDCEP071X
- **Ulurp Number:** 0903032MX
- **Zoning Map No:** 6a

- **Description:** Hazardous Materials* Phase I and Phase II Testing Protocol
- **Lot Remediation Date:** Not reported

- **Description:** Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
- **Lot Remediation Date:** Not reported

- **Description:** Exhaust stack location limitations
- **Lot Remediation Date:** Not reported
**DEC Memo:**

"10/21/2014 - Feng - Duty Desk Officer. Talked to Steven Frank of LIRO Engineering (718-321-3136 x236, franks@liro.com). This is an E-Designation site and in the planning stage to develop into affordable housing and a hotel. The site owner is currently working with NYCOER. The NYCOER has approved the RIWP and a Phase 2 has been done. A total of 5 soil borings have been installed onsite, i.e. in 2 corners and soil and groundwater were sampled. Petroleum contamination has been identified at the boarder line near next door property. Mainly BTEX with highest of xylenes were found in the soil samples. According to the Phase 1 conducted by previous consultant, the site has been used for warehouse, lumber yard, and heating oil tank in the other portion of the site, but the soil boring results did not indicate petroleum impacts in this area. The above mentioned Phase 1 did indicate that the next door property 100 East 149th Street was a filling station and they suspected it is the source of the petroleum impact at 110 East 149th Street. The demolish of the onsite warehouse might occur in Spring 2015. There is no schedule for the development. Next, they will submit the investigation report to OER and DEC. 3/30/2016 Feng - This spill is transferred from J. Feng to J. Vought as per J. Vought. *
PHASE 2 (Continued)

Remarks: "CALLER ADVISED RECEIVED PHASE 2 RESULTS SHOWING UNKNOWN PETROLEUM IN THE SOIL"

Material:
- Site ID: 501049
- Operable Unit ID: 1250450
- Operable Unit: 01
- Material ID: 2252190
- Material Code: 0066A
- Material Name: unknown petroleum
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: Not reported
- Units: Not reported
- Recovered: Not reported
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:

Site 4 of 13 in cluster G

G63 LOT 14, TAXBLOCK 2345
SSE 356 WALTON AVENUE
< 1/8 0.086 mi.
453 ft.

Relative: Higher
Actual: 34 ft.

E DESIGNATION:
- Tax Lot(s): 14
- Tax Block: 2345
- Borough Code: BX
- E-No: E-227
- Effective Date: 6/30/2009
- Satisfaction Date: Not reported
- Ceqr Number: 08DCP071X
- Ulurp Number: 090303ZMX
- Zoning Map No: 6a

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported
G64  388-390 GRAND CONCOURSE  NY AST  A100175287
SE  388-390 GRAND CONCOURSE  N/A
< 1/8
0.089 mi.
471 ft.
Site 5 of 13 in cluster G

Relative: Higher Actual: 35 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-601186
Program Type: PBS
UTM X: 590380.42324
UTM Y: 4518777.22663
Expiration Date: N/A
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 23156
Affiliation Type: On-Site Operator
Company Name: 388-390 GRAND CONCOURSE
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2011-08-08

Site Id: 23156
Affiliation Type: Facility Owner
Company Name: NYC HPD
Contact Type: EXEC DIR OF ENV POLICY & IMPLEMENTATION
Contact Name: JOHN E. GEARRITY
Address1: 100 GOLD ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 863-8590
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2011-08-08

Site Id: 23156
Affiliation Type: Emergency Contact
Company Name: NYC HPD
Contact Type: Not reported
Contact Name: DEREK PARSONS
Address1: Not reported
Address2: Not reported
City: Not reported
388-390 GRAND CONCOURSE (Continued)

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 559-4337
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2014-11-04

Site Id: 23156
Affiliation Type: Mail Contact
Company Name: NYC HPD
Contact Type: Not reported
Contact Name: ASST COMMR - PROPER DISPOSITION &FINANCE
Address1: 100 GOLD ST
Address2: 9Y-3
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 863-8590
EMail: ALEXANDJ@HPD.NYC.GOV
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2011-08-08

Tank Info:

Tank Number: 1
Tank Id: 44884
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1905
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/31/1998
Register: True
Modified By: CGFREEDM
### 388-390 GRAND CONCOURSE (Continued)

| Last Modified: | 08/08/2011 |
| Material Name: | Not reported |

---

#### Affiliation Records:

**Site Id:** 20735  
**Affiliation Type:** Facility Owner  
**Company Name:** 424 SHEVA REALTY ASSOC LLC  
**Contact Type:** EXEC ASST  
**Contact Name:** MARIA MCCULLOUGH  
**Address1:** 1601 BRONXDALE AVENUE, SUITE 201  
**Address2:** Not reported  
**City:** BRONX  
**State:** NY  
**Zip Code:** 10462  
**Country Code:** 001  
**Phone:** (718) 518-8000  
**EMail:** Not reported  
**Fax Number:** Not reported  
**Modified By:** DMMOLOUG  
**Date Last Modified:** 2013-12-16

---

**Site Id:** 20735  
**Affiliation Type:** Mail Contact  
**Company Name:** C/O LANGSAM PROPERTY SERVICES  
**Contact Type:** Not reported  
**Contact Name:** MARIA MCCULLOUGH  
**Address1:** 1601 BRONXDALE AVE  
**Address2:** SUITE 201  
**City:** BRONX  
**State:** NY  
**Zip Code:** 10462  
**Country Code:** 001  
**Phone:** (718) 518-8000  
**EMail:** MARIAMC@LANGSAMPROP.COM  
**Fax Number:** Not reported  
**Modified By:** DMMOLOUG  
**Date Last Modified:** 2013-12-16

---

**Site Id:** 20735  
**Affiliation Type:** On-Site Operator  
**Company Name:** 424-430 GRAND CONCOURSE
424-430 GRAND CONCOURSE (Continued)  U003394703

Contact Type: Not reported
Contact Name: ANGEL GONZALEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 809-4320
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-12-16

Site Id: 20735
Affiliation Type: Emergency Contact
Company Name: 424 SHEVA REALTY ASSOC LLC
Contact Type: Not reported
Contact Name: ANGEL GONZALEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 809-4320
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-12-16

Tank Info:

Tank Number: 001
Tank Id: 37029
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
E02 - Piping Secondary Containment - Vault (with Access)
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/04/1992
424-430 GRAND CONCOURSE (Continued) U003394703

Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMMOLOUG
Last Modified: 12/16/2013
Material Name: Not reported

---

D66 ESE<br>424 GRAND CONCOURSE<br>BRONX, NY 10451

< 1/8<br>0.092 mi.<br>486 ft. Site 5 of 5 in cluster D

Relative: Higher<br>Actual: Actual:

Relative: Higher<br>Actual: Actual:

Region: STATE<br>DEC Region: 2<br>Site Status: Inactive<br>Facility Id: 2-304204
Program Type: PBS
UTM X: 590438.05917
UTM Y: 4518970.32569
Expiration Date: N/A
Site Type: Unknown

Affiliation Records:
Site Id: 13855
Affiliation Type: Facility Owner
Company Name: A J GRIFFEN CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 200 NORTH COLUMBUS AVE
Address2: Not reported
City: MT VERNON
State: NY
Zip Code: 10553
Country Code: 001
Phone: (914) 664-2100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 13855
Affiliation Type: Mail Contact
Company Name: THE COMMUNITY PRESERVATI
Contact Type: Not reported
Contact Name: Not reported
Address1: 5 W 57TH ST
Address2: Not reported
City: NY
State: NY
Zip Code: 10019
Country Code: 001
Phone: (914) 664-2100
EMail: Not reported
### Equipment Records:
- **D01** - Pipe Type - Steel/Carbon Steel/Iron
- **G03** - Tank Secondary Containment - Vault (w/o access)
- **A00** - Tank Internal Protection - None
- **H00** - Tank Leak Detection - None
- **I04** - Overfill - Product Level Gauge (A/G)
- **C00** - Pipe Location - No Piping
- **B00** - Tank External Protection - None
- **F00** - Pipe External Protection - None

### Tank Info:
- **Tank Number:** 001
- **Tank Id:** 26081
- **Material Code:** 0001
- **Common Name of Substance:** #2 Fuel Oil (On-Site Consumption)

### Site Information:
- **Affiliation Type:** Emergency Contact
- **Company Name:** A J GRIFFEN CORP
- **Contact Type:** Not reported
- **Contact Name:** MIKE LORENZO
- **Address1:** Not reported
- **Address2:** Not reported
- **City:** Not reported
- **State:** NN
- **Zip Code:** Not reported
- **Country Code:** 001
- **Phone:** (212) 585-4100
- **EMail:** Not reported
- **Fax Number:** Not reported
- **Modified By:** TRANSLAT
- **Date Last Modified:** 2004-03-04
### A J GRIFFEN CORP (Continued)

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<td>Capacity Gallons:</td>
<td>5500</td>
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<td>Tightness Test Method:</td>
<td>NN</td>
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<td>Date Test:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Next Test Date:</td>
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<tr>
<td>Date Tank Closed:</td>
<td>Not reported</td>
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<tr>
<td>Register:</td>
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<td>NROLBAR</td>
</tr>
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<td>Material Name:</td>
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### EDR Hist Auto

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<th>Site 1 of 8 in cluster I</th>
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<tr>
<td>Year:</td>
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</tr>
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<tr>
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### EDR Hist Auto

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<tr>
<td>Year:</td>
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<tr>
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### EDR Hist Auto

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<td>Site Status:</td>
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GRAND CONCOURSE U-HAUL REPAIR (Continued) A100384618

UTM Y: 4518845.93295
Expiration Date: 11/21/2018
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 489275
Affiliation Type: Facility Owner
Company Name: AREC 9, LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 2727 N CENTRAL AVE
Address2: Not reported
City: PHOENIX
State: AZ
Zip Code: 85004
Country Code: 001
Phone: (602) 263-6555
EMail: Not reported
Fax Number: Not reported
Modified By: NROLBAR
Date Last Modified: 2013-11-21

Site Id: 489275
Affiliation Type: Mail Contact
Company Name: U-HAUL CO. MANHATTAN BRONX
Contact Type: Not reported
Contact Name: JEFF SONBERG
Address1: 230 WEST 230TH STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10463
Country Code: 001
Phone: (718) 562-8700
EMail: 803_EA@UHAUL.COM
Fax Number: Not reported
Modified By: NROLBAR
Date Last Modified: 2013-12-26

Site Id: 489275
Affiliation Type: On-Site Operator
Company Name: GRAND CONCOURSE U-HAUL REPAIR
Contact Type: Not reported
Contact Name: VICTOR VENGERSAMMY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 401-4241
EMail: Not reported
Fax Number: Not reported
Modified By: NROLBAR
Date Last Modified: 2013-11-21

Site Id: 489275
Affiliation Type: Emergency Contact
GRAND CONCOURSE U-HAUL REPAIR (Continued)  A100384618

Company Name: AREC 9, LLC
Contact Type: Not reported
Contact Name: VICTOR VENGERSAMMY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 642-1228
EMail: Not reported
Fax Number: Not reported
Modified By: NLROMBAR
Date Last Modified: 2013-11-21

Tank Info:

Tank Number: 2
Tank Id: 250330

Equipment Records:

J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1995
Capacity Gallons: 55
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NLROMBAR
Last Modified: 11/21/2013
Material Name: Not reported

Tank Number: 4
Tank Id: 250331

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
**GRAND CONCOURSE U-HAUL REPAIR** (Continued)  

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<tr>
<th>Equipment Records</th>
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<tbody>
<tr>
<td>I04 - Overfill - Product Level Gauge (A/G)</td>
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<td>C00 - Pipe Location - No Piping</td>
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<td>K00 - Spill Prevention - None</td>
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<tr>
<td>D00 - Pipe Type - No Piping</td>
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<tr>
<td>E00 - Piping Secondary Containment - None</td>
<td></td>
</tr>
<tr>
<td>H00 - Tank Leak Detection - None</td>
<td></td>
</tr>
<tr>
<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
<td></td>
</tr>
<tr>
<td>G00 - Tank Secondary Containment - None</td>
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</tr>
<tr>
<td>L00 - Piping Leak Detection - None</td>
<td></td>
</tr>
<tr>
<td>A00 - Tank Internal Protection - None</td>
<td></td>
</tr>
<tr>
<td>F00 - Pipe External Protection - None</td>
<td></td>
</tr>
<tr>
<td>J00 - Dispenser - None</td>
<td></td>
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</tbody>
</table>

**Tank Location:** 2  
**Tank Type:** Steel/Carbon Steel/Iron  
**Tank Status:** In Service  
**Pipe Model:** Not reported  
**Install Date:** 01/01/1995  
**Capacity Gallons:** 250  
**Tightness Test Method:** NN  
**Date Test:** Not reported  
**Next Test Date:** Not reported  
**Date Tank Closed:** Not reported  
**Register:** True  
**Modified By:** NRLOMBAR  
**Last Modified:** 11/21/2013  
**Material Name:** Not reported
Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
U-HAUL (Continued)

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: U-HAUL
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: U-HAUL
Classification: Not a generator, verified

Date form received by agency: 12/15/1993
Site name: U-HAUL
Classification: Small Quantity Generator

- Waste code: D001
- Waste name: IGNITABLE WASTE

- Waste code: D018
- Waste name: BENZENE

- Waste code: D039
- Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:
Registry ID: 110004310362

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000871628
Registry ID: 110004310362
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004310362

NY MANIFEST:
Country: USA
EPA ID: NY0000079277
Facility Status: Not reported
Location Address 1: 350 WALTON AE
Code: BP
Location Address 2: Not reported
### U-HAUL (Continued)

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<tr>
<td>Location City:</td>
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<td>Location State:</td>
<td>NY</td>
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<td>Location Zip:</td>
<td>10451</td>
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<tr>
<td>Location Zip 4:</td>
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<td>NY0000079277</td>
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<td>Mailing Name:</td>
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<tr>
<td>Mailing Contact:</td>
<td>BAHI SENNY</td>
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<tr>
<td>Mailing Address 1:</td>
<td>350 WALTON AVE</td>
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<td>Mailing Address 2:</td>
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<td>BRONX</td>
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MAP FINDINGS

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<td>Handling Method: T Chemical, physical, or biological treatment.</td>
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<td>Waste Code 1_4: Not reported</td>
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<td>Waste Code 1_5: Not reported</td>
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<tr>
<td>Waste Code 1_6: Not reported</td>
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Click this hyperlink while viewing on your computer to access
17 additional NY_MANIFEST: record(s) in the EDR Site Report.

G71 LOT 18,TAXBLOCK 2345 NY E DESIGNATION S109942282
SSE 367 GRAND CONCOURSE BRONX, NY 10451 ECHO N/A
< 1/8 0.095 mi. Site 6 of 13 in cluster G
500 ft. Relative: E DESIGNATION:
Higher Tax Lot(s): 18 |
Tax Block: 2345 |
Borough Code: BX |
E-No: E-227 |
Effective Date: 6/30/2009 |
Satisfaction Date: Not reported |
Ceqr Number: 08DCP071X |
Ulurp Number: 090303ZMX |
Zoning Map No: 6a |
Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems |
Lot Remediation Date: Not reported |
Description: Exhaust stack location limitations |
Lot Remediation Date: Not reported |
Description: Hazardous Materials* Phase I and Phase II Testing Protocol |
Lot Remediation Date: Not reported |
Description: Window Wall Attenuation & Alternate Ventilation |
Lot Remediation Date: Not reported |

I72 WEDTECH CORP RCRA NonGen / NLR 1000398024
SSW 350 GERARD AVE FINDS NYD982273757
BRONX, NY 10451 ECHO NY MANIFEST
< 1/8 0.097 mi. Site 2 of 8 in cluster I
513 ft. Relative: RCRA NonGen / NLR:
Lower Date form received by agency: 01/01/2007 |
Facility name: WEDTECH CORP |
Actual: Facility address: 350 GERARD AVE |
18 ft. BRONX, NY 104515432 |
MAP FINDINGS

WEDTECH CORP (Continued)

EPA ID: NYD982273757
Mailing address: GERARD AVE
BRONX, NY 10451
Contact: Not reported
Contact address: GERARD AVE
BRONX, NY 10451
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: WEDTECH CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: WEDTECH CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: WEDTECH CORP
Classification: Not a generator, verified
### WEDTECH CORP (Continued)

**Date form received by agency:** 07/08/1999  
**Site name:** WEDTECH CORP  
**Classification:** Not a generator, verified

**Date form received by agency:** 10/01/1987  
**Site name:** WEDTECH CORP  
**Classification:** Large Quantity Generator

- **Waste code:** NONE  
- **Waste name:** None  
**Violation Status:** No violations found

**Evaluation Action Summary:**  
**Evaluation date:** 07/10/1996  
**Evaluation:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
**Area of violation:** Not reported  
**Date achieved compliance:** Not reported  
**Evaluation lead agency:** EPA

**FINDS:**

- **Registry ID:** 110009474657

**Environmental Interest/Information System**

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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

- **Envid:** 1000398024  
- **Registry ID:** 110009474657  
- **DFR URL:** http://echo.epa.gov/detailed-facility-report?fid=110009474657

**NY MANIFEST:**

- **Country:** USA  
- **EPA ID:** NYD982273757  
- **Facility Status:** Not reported  
- **Location Address 1:** 350 GERARD AVENUE  
- **Code:** BP  
- **Location Address 2:** Not reported  
- **Total Tanks:** Not reported  
- **Location City:** BRONX  
- **Location State:** NY  
- **Location Zip:** 10451  
- **Location Zip 4:** Not reported

**NY MANIFEST:**

- **EPAID:** NYD982273757  
- **Mailing Name:** WEB TECH CORPORATION
WEDTECH CORP (Continued)

Mailing Contact: WEB TECH CORPORATION
Mailing Address 1: 350 GERARD AVENUE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2129930756

NY MANIFEST:
Document ID: NJA0398855
Manifest Status: K
seq: Not reported
Year: 1988
Trans1 State ID: NJDEPS226
Trans2 State ID: Not reported
Generator Ship Date: 01/04/1988
Trans1 Recv Date: 01/04/1988
Trans2 Recv Date: / /
TSD Site Recv Date: 01/04/1988
Part A Recv Date: 03/03/1988
Part B Recv Date: 01/12/1988
Generator EPA ID: NYD982273757
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSDF ID 1: NJD065825341
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00165
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
I73  350 GERARD CORPORATION
SSW  350 GERARD AVENUE
< 1/8  BRONX, NY 10464
0.097 mi.  Site 3 of 8 in cluster I
513 ft.

Affiliation Records:
Site Id: 24238
Affiliation Type: Facility Owner
Company Name: 350 GERARD CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 259 BRUCKNER BOULEVARD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-8787
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

UST:
Id/Status: 2-602280 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590216.99764
UTM Y: 4518890.07825
Site Type: Manufacturing (Other than Chemical)/Processing

Relative: Lower
Actual: 18 ft.

Affiliation Records:
Site Id: 24238
Affiliation Type: Emergency Contact
Company Name: 350 GERARD CORPORATION
Contact Type: Not reported
Contact Name: DAVID HOLAND
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-2275
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

UST:
Id/Status: 2-602280 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590216.99764
UTM Y: 4518890.07825
Site Type: Manufacturing (Other than Chemical)/Processing

Relative: Lower
Actual: 18 ft.

Affiliation Records:
Site Id: 24238
Affiliation Type: Mail Contact
Company Name: 350 GERARD CORPORATION
Contact Type: Not reported
Contact Name: MR. DAVID HOLAND
Address1: 259 BRUCKNER BOULEVARD
Address2: Not reported
City: BRONX
State: NY
### 350 GERARD CORPORATION (Continued)

```
| Zip Code: | 10454 |
|--------------------------|
| Country Code: | 001 |
| Phone: | (718) 585-8787 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | TRANSLAT |
| Date Last Modified: | 2004-03-04 |

| Site Id: | 24238 |
|--------------------------|
| Affiliation Type: | On-Site Operator |
| Company Name: | 350 GERARD CORPORATION |
| Contact Name: | DAVID HOLAND |
| Address1: | Not reported |
| Address2: | Not reported |
| City: | Not reported |
| State: | NN |
| Zip Code: | Not reported |
| Country Code: | 001 |
| Phone: | (718) 292-2275 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | TRANSLAT |
| Date Last Modified: | 2004-03-04 |

#### Tank Info:

| Tank Number: | 1 |
|--------------------------|
| Tank ID: | 49709 |
| Tank Status: | Closed - In Place |
| Material Name: | Closed - In Place |
| Capacity Gallons: | 10000 |
| Install Date: | Not reported |
| Date Tank Closed: | 05/16/1995 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0003 |
| Common Name of Substance: | #6 Fuel Oil (On-Site Consumption) |
| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
| Modified By: | TRANSLAT |
| Last Modified: | 03/04/2004 |

#### Equipment Records:

- A00 - Tank Internal Protection - None
- G03 - Tank Secondary Containment - Vault (w/o access)
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- C01 - Pipe Location - Aboveground
- H00 - Tank Leak Detection - None
- F00 - Pipe External Protection - None
- I05 - Overfill - Vent Whistle
- B00 - Tank External Protection - None
```
350 GERARD CORPORATION (Continued)

Tank Number: 2
Tank ID: 49710
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 10000
Install Date: Not reported
Date Tank Closed: 05/16/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- C01 - Pipe Location - Aboveground
- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- G03 - Tank Secondary Containment - Vault (w/o access)
- J02 - Dispenser - Suction Dispenser
- H00 - Tank Leak Detection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- I05 - Overfill - Vent Whistle

J74 LOT 12, TAXBLOCK 2345
South WALTON AVENUE
< 1/8 0.098 mi.
515 ft. Site 4 of 16 in cluster J

Relative: Higher
Actual: 33 ft.

E DESIGNATION:
- Tax Lot(s): 12
- Tax Block: 2345
- Borough Code: BX
- E-No: E-227
- Effective Date: 6/30/2009
- Satisfaction Date: Not reported
- Ceqr Number: 08DCP071X
- Ulurp Number: 090303ZMX
- Zoning Map No: 6a

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported
### MAP FINDINGS

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TC5022723.2s Page 128
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Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
**CON EDISON (Continued)**

Spiller Name: Not reported  
Spiller Company: HOSTOS COMMUNITY COLLEGE  
Spiller Address: Not reported  
Spiller City,St,Zip: NY  
Spiller Company: 999  
Contact Name: DIANE MACFARLANE  
Contact Phone: Not reported  
DEC Memo:  
"03/03/11-Hiralkumar Patel. 3:22 PM:- spoke with Diane. she mentioned that elevator company was making repair. a repair person noticed a spill when came back from brake. one of the pipe broke and spilled oil onto elevator room. as per Diane's staff member, elevator room floor is covered with oil. oil got into a drain located outside of the elevator room. oil sheen found coming up from sewer manhole in parking lot closer to this elevator room. Diane mentioned that elevator has 280 gal hydraulic oil tank. Diane has contacted Clean Harbor to help in cleanup. Diane Macfarlane Hostos Community College Ph. (718) 518-4349 (O) (646) 235-2155 (C) PBS #: 2-452319. DEC Veronica responded. 03/03/11-Zhune visited the site. spill on the elevator's floor is all cleaned. Dunwell Elevator Industries, Inc. cleaned the spill. They will repair the elevator's pump that caused the spill. DEP was notified of oil into the drain. Dunwell Elevator Electrical Industries, INC. 718-388-7575- Victor Deolo Supervisor. Spill closed."  
Remarks:  
"Caller advised 50 gallons of hydraulic fluid spilled into the elevator room and down a drain and now can see oil spilling out of a manhole cover in parking lot. Clean up is pending."

**NY MANIFEST:**  
Country: USA  
EPA ID: NYP004607511  
Facility Status: Not reported  
Location Address 1: 450 GRAND CONCOURSE  
Code: BP  
Location Address 2: SB4883  
Total Tanks: Not reported  
Location City: BRONX  
Location State: NY  
Location Zip: 10461  
Location Zip 4: Not reported
NY MANIFEST:

EPAID: NYP004607511
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07/25/2014
Trans1 Recv Date: 07/25/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/25/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004607511
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002562268GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 300
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
### CON EDISON (Continued)

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<td>Waste Code 1.6:</td>
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**Click this hyperlink** while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

---

**RCRA NonGen / NLR**: 1016973677  
**NY MANIFEST**: NYP00474821

<table>
<thead>
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<th>Site 2 of 6 in cluster K</th>
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<td>Facility name: CON EDISON SERVICE BOX: 4883</td>
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<tr>
<td>Facility address: 450 GRAND CONCOURSE</td>
<td>BRONX, NY 10452</td>
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<td>EPA ID: NYP00474821</td>
<td>Mailing address: IRVING PL, 15TH FL NE</td>
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<tr>
<td>Contact: THOMAS TEELING</td>
<td>Contact address: Not reported</td>
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<tr>
<td>Contact telephone: (212) 460-3770</td>
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<td>Contact email: Not reported</td>
<td>Contact telephone: (212) 460-3770</td>
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<td>EPA Region: 02</td>
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<tr>
<td>Classification: Non-Generator</td>
<td>Description: Handler: Non-Generators do not presently generate hazardous waste</td>
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**Handler Activities Summary:**
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Donor of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

**Historical Generators:**
- Date form received by agency: 03/21/2014
- Site name: CON EDISON SERVICE BOX: 4883
- Classification: Conditionally Exempt Small Quantity Generator

**Violation Status:** No violations found
NY MANIFEST:
Country: USA
EPA ID: NYP004474821
Facility Status: Not reported
Location Address 1: 450 GRAND CONCOURSE
Code: BP
Location Address 2: SB4883
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004474821
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING ST
Mailing Address 2: 15TH ST
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/21/2014
Trans1 Recv Date: 03/21/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/21/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004474821
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 012771184JJK
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Export Indicator: N
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Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported

CON EDISON SERVICE BOX: 4883 (Continued)
CON EDISON SERVICE BOX: 4883 (Continued)  1016973677

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

---

E78  HOSTOS COMMUNITY COLLEGE  RCRA-CESQG  1000872397
NE  475 GRAND CONCOURSE  NY UST  NYD987036100
< 1/8  BRONX, NY 10451  NY AST  FINDS
< 1/8  GRAND CONCOURSE  ECHO  NJ MANIFEST
0.102 mi.  Site 9 of 10 in cluster E  NYD987036100
538 ft.  Site 9 of 10 in cluster E  FINDS
Relative: Higher
Actual: 41 ft.

EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from
### HOSTOS COMMUNITY COLLEGE (Continued)

**Handler Activities Summary:**
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

**Historical Generators:**
- Date form received by agency: 01/01/2006
  - Site name: HOSTOS COMMUNITY COLLEGE
  - Classification: Conditionally Exempt Small Quantity Generator
- Date form received by agency: 07/08/1999
  - Site name: HOSTOS COMMUNITY COLLEGE
  - Classification: Not a generator, verified
- Date form received by agency: 06/22/1993
  - Site name: HOSTOS COMMUNITY COLLEGE
  - Classification: Large Quantity Generator

<table>
<thead>
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<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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</table>

**THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL**

**Owner/Operator Summary:**
- Owner/operator name: DORMITORY AUTHORITY NY
- Owner/operator address: NOT REQUIRED
- Owner/operator country: US
- Owner/operator telephone: (212) 555-1212
- Legal status: State
- Owner/Operator Type: Owner
- Owner/Op start date: Not reported
- Owner/Op end date: Not reported

| Owner/operator name: DORMITORY AUTHORITY NY |
| Owner/operator address: NOT REQUIRED |
| Owner/operator country: US |
| Owner/operator telephone: (212) 555-1212 |
| Legal status: State |
| Owner/Operator Type: Operator |
| Owner/Op start date: Not reported |
| Owner/Op end date: Not reported |

**Historical Generators:**
- Date form received by agency: 01/01/2006
  - Site name: HOSTOS COMMUNITY COLLEGE
  - Classification: Conditionally Exempt Small Quantity Generator
- Date form received by agency: 07/08/1999
  - Site name: HOSTOS COMMUNITY COLLEGE
  - Classification: Not a generator, verified
- Date form received by agency: 06/22/1993
  - Site name: HOSTOS COMMUNITY COLLEGE
  - Classification: Large Quantity Generator

- Waste code: F003
- Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL
HOSTOS COMMUNITY COLLEGE (Continued)

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

UST:
- Id/Status: 2-153583 / Unregulated/Closed
- Program Type: PBS
- Region: STATE
- DEC Region: 2
- Expiration Date: N/A
- UTM X: 590466.95722
- UTM Y: 4519069.77988
- Site Type: Unknown

Affiliation Records:
- Site Id: 4872
- Affiliation Type: Facility Owner
- Company Name: POWER TEST PETROLEUM DIST INC
- Contact Type: Not reported
- Contact Name: Not reported
- Address1: 125 JERICHO TURNPIKE
- Address2: Not reported
- City: JERICHO
- State: NY
- Zip Code: 11753
- Country Code: 001
- Phone: (212) 324-5110
- EMail: Not reported
- Fax Number: Not reported
- Modified By: EXROSSAN
- Date Last Modified: 2005-07-05

Site Id: 4872
- Affiliation Type: Mail Contact
- Company Name: POWER TEST PETROLEUM DIST INC
- Contact Type: Not reported
- Contact Name: Not reported
- Address1: 125 JERICHO TURNPIKE
- Address2: Not reported
- City: JERICHO
- State: NY
- Zip Code: 11753
- Country Code: 001
- Phone: (212) 324-5110
- EMail: Not reported
- Fax Number: Not reported
- Modified By: EXROSSAN
- Date Last Modified: 2005-07-05

Site Id: 4872
HOSTOS COMMUNITY COLLEGE (Continued) 1000872397

Affiliation Type: On-Site Operator
Company Name: POWER TEST00129
Contact Type: Not reported
Contact Name: HECTOR CARRION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (212) 590-7040
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-07-05

Site Id: 4872
Affiliation Type: Emergency Contact
Company Name: POWER TEST PETROLEUM DIST INC
Contact Type: Not reported
Contact Name: TOM WRIGHT REGION ENG
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 338-6000
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-07-05

Tank Info:

Tank Number: 001
Tank ID: 8192
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records: I00 - Overfill - None
HOSTOS COMMUNITY COLLEGE (Continued) 1000872397

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 8193
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 8194
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
HOSTOS COMMUNITY COLLEGE (Continued)

Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 8195
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:
A00 - Tank Internal Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 005
Tank ID: 8196
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
HOSTOS COMMUNITY COLLEGE (Continued) 1000872397

Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:
- G03 - Tank Secondary Containment - Vault (w/o access)
- J02 - Dispenser - Suction Dispenser
- A00 - Tank Internal Protection - None
- I00 - Overfill - None
- D02 - Pipe Type - Galvanized Steel
- H00 - Tank Leak Detection - None
- C00 - Pipe Location - No Piping
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 8197
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:
- H00 - Tank Leak Detection - None
- D02 - Pipe Type - Galvanized Steel
- C00 - Pipe Location - No Piping
- G03 - Tank Secondary Containment - Vault (w/o access)
- J02 - Dispenser - Suction Dispenser
- A00 - Tank Internal Protection - None
- I00 - Overfill - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

Tank Number: 007
Tank ID: 8198
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
### HOSTOS COMMUNITY COLLEGE (Continued)

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<td>Tank Type</td>
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<td>Material Code</td>
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<td>Common Name of Substance</td>
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<td>C00 - Pipe Location - No Piping</td>
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<td>F00 - Pipe External Protection - None</td>
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<td>B00 - Tank External Protection - None</td>
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<td>Capacity Gallons</td>
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<td>G03 - Tank Secondary Containment - Vault (w/o access)</td>
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<td>B00 - Tank External Protection - None</td>
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HOSTOS COMMUNITY COLLEGE (Continued)

Tank Number: 009
Tank ID: 8200
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 010
Tank ID: 8201
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
### Equipment Records:

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<tr>
<th>Material Code</th>
<th>Common Name of Substance</th>
<th>Tank Status</th>
<th>Install Date</th>
<th>Date Tank Closed</th>
<th>Registered</th>
<th>Tank Location</th>
<th>Tank Type</th>
<th>Capacity Gallons</th>
<th>Material Name</th>
<th>Next Test Date</th>
<th>Pipe Model</th>
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<td>04/05/2013</td>
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</table>
HOSTOS COMMUNITY COLLEGE (Continued)

H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

AST:
Region: STATE
DEC Region: 2
Site Status: Inactive
Facility Id: 2-082856
Program Type: PBS
UTM X: 590466.95722
UTM Y: 4519069.77988
Expiration Date: N/A
Site Type: School

Affiliation Records:
Site Id: 1821
Affiliation Type: Facility Owner
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: Not reported
Address1: 475 GRAND CONCOURSE
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 518-6758
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1821
Affiliation Type: Mail Contact
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: FRANK VIRONE-CHIEF ENG.
Address1: 500 GRAND CONCOURSE
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 518-4476
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1821
Affiliation Type: On-Site Operator
HOSTOS COMMUNITY COLLEGE (Continued)

Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: CITY UNIVERSITY OF NY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 518-6758
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1821
Affiliation Type: Emergency Contact
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: JOE BRANCH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 682-0196
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 3035
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: 9
Pipe Model: Not reported
Install Date: 11/01/1993
Capacity Gallons: 7000
Environmental Interest/Information System

FIS (New York - Facility Information System) is New York’s Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
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### NY MANIFEST:

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HOSTOS COMMUNITY COLLEGE (Continued) 1000872397

Discr Quantity Indicator: N  
Discr Type Indicator: N  
Discr Residue Indicator: N  
Discr Partial Reject Indicator: N  
Discr Full Reject Indicator: N  
Manifest Ref Number: Not reported  
Alt Facility RCRA ID: Not reported  
Alt Facility Sign Date: Not reported  
MGMT Method Type Code: H141  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Quantity: 37  
Units: P - Pounds  
Number of Containers: 1  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 1  
Waste Code: D008  
Waste Code 1_2: D022  
Waste Code 1_3: Not reported  
Waste Code 1_4: Not reported  
Waste Code 1_5: Not reported  
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access  
133 additional NY_MANIFEST record(s) in the EDR Site Report.

NJ MANIFEST:

EPA Id: NYD987036100  
Mail Address: 475 GRAND CONCOURSE  
Mail City/State/Zip: BRONX 10451  
Facility Phone: 7185186746  
Emergency Phone: Not reported  
Contact: Not reported  
Comments: Not reported  
SIC Code: Not reported  
County: 00  
Municipal: 00  
Previous EPA Id: Not reported  
Gen Flag: X  
Trans Flag: Not reported  
TSDF Flag: Not reported  
Name Change: Not reported  
Date Change: Not reported  
Manifest:

Manifest Number: NJA5264403  
EPA ID: NYD987036100  
Date Shipped: 08/17/2005  
TSDF EPA ID: NJD980536593  
Transporter EPA ID: NYR000109645  
Transporter 2 EPA ID: NJD980631369
HOSTOS COMMUNITY COLLEGE (Continued)

Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/17/2005
Date Trans2 Transported Waste: 08/29/2005
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/29/2005
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter-SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 11090521
Was Load Rejected: BRONX 10451
Reason Load Was Rejected: Not reported

538 ft. Site 10 of 10 in cluster E

Relative: Higher
Actual: 41 ft.

SPILLS:
Facility ID: 8700839
Facility Type: ER
DER Facility ID: 67460
Site ID: 71254
DEC Region: 2
Spill Date: 1987-04-29
Spill Number/Closed Date: 8700839 / 1987-04-29
Spill Cause: Human Error
Spill Class: Not reported
SWIS: 0301
Investigator: UNASSIGNED
Referred To: Not reported
Reported to Dept: 1987-04-29
CID: Not reported
### 475 GRAND CONCOURSE / BRO (Continued)

**Site:** 475 GRAND CONCOURSE / BRO

**Case No.:** 00088891

**Material Name:** picric acid

**Material ID:** 0365A

**Material FA:** Other

**Quantity:** 0

**Units:** Not reported

**Recovered:** Not reported

**Resource Affected:** Not reported

**Oxygenate:** Not reported

**Spiller Name:** Not reported

**Spiller Address:** 475 GRAND CONCOURSE

**Spiller City, St, Zip:** BRONX, NY 10451

**Spiller Name:** Not reported

**Spiller Address:** 475 GRAND CONCOURSE

**Spiller City, St, Zip:** BRONX, NY 10451

**Spiller Company:** Not reported

**Spiller Name:** Not reported

**Site ID:** 71254

**Operable Unit ID:** 907317

**Operable Unit:** 01

**Material ID:** 470811

**Material Code:** 0365A

**Material Name:** picric acid

**Case No.:** 00088891

**Material FA:** Other

**Quantity:** 0

**Units:** Not reported

**Recovered:** Not reported

**Resource Affected:** Not reported

**Oxygenate:** Not reported

**Tank Test:**

**Spill Source:** Institutional, Educational, Gov., Other

**Spill Notifier:** Fire Department

**Cleanup Ceased:** 1987-04-29

**Cleanup Meets Std:** True

**Last Inspection:** Not reported

**Recommended Penalty:** False

**UST Trust:** False

**Remediation Phase:** 0

**Date Entered In Computer:** 1987-05-05

**Spill Record Last Update:** 2004-09-30

**Spiller Name:** Not reported

**Spiller Company:** HOSTOS COLLEGE

**Spiller Address:** 475 GRAND CONCOURSE

**Spiller City, St, Zip:** BRONX, NY 10451

**Spiller Company:** Not reported

**Spiller Name:** Not reported

**Contact Name:** Not reported

**Contact Phone:** Not reported

**DEC Memo:** "Prior to Sept, 2004 data translation this spill Lead_DEC Field was "

**Remarks:** "LOCATED IN ROOM 600 AT THE COLLEGE. - REQUESTED DEC RESPONSE. CALL FIRE DEPARTMENT FOR MORE INFORMATION."

**Water Affected:** Not reported

**Spill Source:** Institutional, Educational, Gov., Other

**Spill Notifier:** Fire Department

**Cleanup Ceased:** 1987-04-29

**Cleanup Meets Std:** True

**Last Inspection:** Not reported

**Recommended Penalty:** False

**UST Trust:** False

**Remediation Phase:** 0

**Date Entered In Computer:** 1987-05-05

**Spill Record Last Update:** 2004-09-30

**Spiller Name:** Not reported

**Spiller Company:** HOSTOS COLLEGE

**Spiller Address:** 475 GRAND CONCOURSE

**Spiller City, St, Zip:** BRONX, NY 10451

**Spiller Company:** Not reported

**Spiller Name:** Not reported

**Contact Name:** Not reported

**Contact Phone:** Not reported

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<tr>
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<th>Oxygenate</th>
<th>Tank Test</th>
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<tr>
<td>71254</td>
<td>907317</td>
<td>01</td>
<td>470811</td>
<td>0365A</td>
<td>picric acid</td>
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**Spiller Company:** HOSTOS COLLEGE

**Spiller Address:** 475 GRAND CONCOURSE

**Spiller City, St, Zip:** BRONX, NY 10451

**Spiller Company:** Not reported

**Spiller Name:** Not reported

**Contact Name:** Not reported

**Contact Phone:** Not reported

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**Spiller City, St, Zip:** BRONX, NY 10451

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**Spiller Name:** Not reported

**Contact Name:** Not reported

**Contact Phone:** Not reported

**DEC Memo:** "Prior to Sept, 2004 data translation this spill Lead_DEC Field was "

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**Contact Phone:** Not reported

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**Spiller Address:** 475 GRAND CONCOURSE

**Spiller City, St, Zip:** BRONX, NY 10451

**Spiller Company:** Not reported

**Spiller Name:** Not reported

**Contact Name:** Not reported

**Contact Phone:** Not reported

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**Spiller Company:** HOSTOS COLLEGE

**Spiller Address:** 475 GRAND CONCOURSE

**Spiller City, St, Zip:** BRONX, NY 10451

**Spiller Company:** Not reported

**Spiller Name:** Not reported

**Contact Name:** Not reported

**Contact Phone:** Not reported

**DEC Memo:** "Prior to Sept, 2004 data translation this spill Lead_DEC Field was "

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## Montauk Student Transport (Continued)

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<td>Contact Type:</td>
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<td>BRIAN LAMBERSON</td>
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<tr>
<td>Phone:</td>
<td>(631) 402-3175 206</td>
</tr>
<tr>
<td>EMail:</td>
<td><a href="mailto:MEDFORDPARTS@EASTENDBUS.COM">MEDFORDPARTS@EASTENDBUS.COM</a></td>
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<td>Modified By:</td>
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<td>Date Last Modified:</td>
<td>2014-10-29</td>
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<td>(631) 402-3175</td>
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<td>Not reported</td>
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<tr>
<td>Address1:</td>
<td>119 WEST 57TH STREET, PENTHOUSE SOUTH</td>
</tr>
</tbody>
</table>
MONTAUK STUDENT TRANSPORT (Continued)

Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 227-7518
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Tank Info:

Tank Number: 003
Tank Id: 53242
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1990
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/2002
Register: True
Modified By: NRLOMBAR
Last Modified: 09/28/2004
Material Name: Not reported

Tank Number: 004
Tank Id: 53243
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
MONTAUK STUDENT TRANSPORT (Continued) U000411469

Tank Number: 006
Tank Id: 180248
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:
E00 - Piping Secondary Containment - None
G09 - Tank Secondary Containment - Modified Double-Walled
(Aboveground)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
D10 - Pipe Type - Copper
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/2002
Capacity Gallons: 700
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/28/2011
Material Name: Not reported

Tank Number: 007
Tank Id: 180249
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:
D10 - Pipe Type - Copper
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
G09 - Tank Secondary Containment - Modified Double-Walled
(Aboveground)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Montauk Student Transport (Continued)

Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/2002
Capacity Gallons: 700
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRILOMBAR
Last Modified: 04/28/2011
Material Name: Not reported

Tank Number: 008
Tank Id: 180250
Material Code: 0021
Common Name of Substance: Transmission Fluid

Equipment Records:
- 00 - Overfill - None
- L00 - Piping Leak Detection - None
- A00 - Tank Internal Protection - None
- C00 - Pipe Location - No Piping
- J02 - Dispenser - Suction Dispenser
- K00 - Spill Prevention - None
- D00 - Pipe Type - No Piping
- E00 - Piping Secondary Containment - None
- G01 - Tank Secondary Containment - Diking (Aboveground)
- H00 - Tank Leak Detection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/2002
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRILOMBAR
Last Modified: 10/29/2014
Material Name: Not reported

Tank Number: 009
Tank Id: 180251
Material Code: 0021
Common Name of Substance: Transmission Fluid

Equipment Records:
- E00 - Piping Secondary Containment - None
- J02 - Dispenser - Suction Dispenser
### MONTAUK STUDENT TRANSPORT (Continued)

<table>
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<tr>
<th>Material Name:</th>
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<tr>
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<tr>
<td>Date Tank Closed:</td>
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<tr>
<td>Register:</td>
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<tr>
<td>Modified By:</td>
<td>NRLOMBAR</td>
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<td>Last Modified:</td>
<td>10/29/2014</td>
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### ATLANTIC EXPRESS - EXTERIOR STREET

<table>
<thead>
<tr>
<th>Site</th>
<th>NY Spills</th>
<th>S106969386</th>
</tr>
</thead>
<tbody>
<tr>
<td>299 EXTERIOR ST</td>
<td>NY SPDES</td>
<td>N/A</td>
</tr>
<tr>
<td>BRONX, NY 10451</td>
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<td></td>
</tr>
</tbody>
</table>

**Site 2 of 4 in cluster L**

**Relative:**
- **Lower**
  - Facility ID: 0503991
  - Facility Type: ER
- **Actual:**
  - 2 ft.
  - 541 ft.

**SPILLS:**
- DER Facility ID: 295131
- Site ID: 348703
- DEC Region: 2
- Spill Date: 2005-07-05
- Spill Number/Closed Date: 0503991 / 2005-07-06
- Spill Cause: Equipment Failure
- Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**SWIS:**
- 0301

**Investigator:**
- SFRAHMAN

**Water Affected:**
- Not reported

**Spill Source:**
- Commercial Vehicle

**Spill Notification:**
- Other

**Cleanup Ceased:**
- Not reported

**Cleanup Meets Std:**
- False

**Last Inspection:**
- Not reported

**Recommended Penalty:**
- False

**UST Trust:**
- False

**Remediation Phase:**
- 0

**Date Entered In Computer:**
- 0503991

**Spill Record Last Update:**
- 2005-07-11
ATLANTIC EXPRESS - EXTERIOR STREET (Continued)

Spiller Name: BARRY PANICOLA
Spiller Company: SPRAGUE ENERGY
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: MARCUS
Contact Phone: Not reported
DEC Memo: "07/06/05-SR// SPoke with Barry panicola- he said it was cleaned up. Nothing went to sewer/soil. received manifest for Non_Hazardous waste."
Remarks: "Caller reports a delivery fitting off the a tank poped off. Truck driver had stopped pumping. Spill was onto concrete. Callers company is cleaning up the spill."

Material:
Site ID: 348703
Operable Unit ID: 1106354
Operable Unit: 01
Material ID: 1971278
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: Gallons
Recovered: 5.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPDES:
Permit Number: NYR00F010
State-Region: 02
Expiration Date: 09/30/2017
Current Major Minor Status: Minor
Primary Facility SIC Code: 4151
State Water Body Name: HARLEM RIVER
Limit Set Status Flag: Active
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported
Lat/Long: +40.817 / -73.931
DMR Cognizant Official: Not reported
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY005
Non-Gov Permit Affiliation Type Desc: Billing
Non-Gov Permit Org Formal Name: ANTHONY BORSELLINO
Non-Gov Permit Street Address: 46-81 METROPOLITAN AVE
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: RIDGEWOOD
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11385
### ATLANTIC EXPRESS - EXTERIOR STREET (Continued)

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<tr>
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<tr>
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<tr>
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</tr>
<tr>
<td>Non-Gov Facility Street Address</td>
<td>ATLANTIC EXPRESS - EXTERIOR STREET</td>
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<tr>
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<tr>
<td>State Water Body</td>
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<td>UDF2</td>
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<td>UDF3</td>
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</tr>
<tr>
<td>Non-Gov Permit Street Address</td>
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<tr>
<td>Non-Gov Permit Supplemental Location</td>
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</tr>
<tr>
<td>Non-Gov Permit City</td>
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<tr>
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<tr>
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<tr>
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<tr>
<td>State Water Body</td>
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</tr>
<tr>
<td>UDF2</td>
<td>Not reported</td>
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<tr>
<td>UDF3</td>
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<tr>
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<td>Non-Gov Permit Org Formal Name</td>
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<tr>
<td>Non-Gov Permit Supplemental Location</td>
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ATLANTIC EXPRESS - EXTERIOR STREET (Continued)  S106969386

Non-Gov Permit City: Not reported
Non-Gov Permit State Code: Not reported
Non-Gov Permit Zip Code: Not reported
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: AMBOY BUS CO IN DBA ATLANTIC EXPRESS
Non-Gov Facility Street Address: ATLANTIC EXPRESS - EXTERIOR STREET
Non-Gov Facility Supplemental Location: 7 NORTH ST
Non-Gov Facility City: STATEN ISLAND
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10302
State Water Body: Not reported

L82  MONTAUK STUDENT TRANSPORT NY UST  U004063535
West 399 EXTERIOR STREET N/A
< 1/8 BRONX, NY 10451
0.102 mi.
541 ft. Site 3 of 4 in cluster L

Relative: UST:
Lower Id/Status: 2-508675 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 01/09/2016
UTM X: 590161.81242
UTM Y: 4518927.17708
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 21702
Affiliation Type: Mail Contact
Company Name: MOUNTAIN STUDENT TRANSPORT LLC
Contact Type: Not reported
Contact Name: BRIAN LAMBERSON
Address1: 3603 HORSEBLOCK ROAD
Address2: Not reported
City: MEDFORD
State: NY
Zip Code: 11763
Country Code: 001
Phone: (631) 402-3175 206
EMail: MEDFORDPARTS@EASTENDBUS.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Site Id: 21702
Affiliation Type: On-Site Operator
Company Name: MONTAUK STUDENT TRANSPORT
Contact Type: Not reported
Contact Name: ANTHONY RODRIGUEZ, BRIAN LAMBERSON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 327-3100
EMail: Not reported
MAP FINDINGS

MONTAUK STUDENT TRANSPORT (Continued)

Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Site Id: 21702
Affiliation Type: Emergency Contact
Company Name: 399 EXTERIOR STREET ASSOCIATES LLC
Contact Type: Not reported
Contact Name: BRIAN LAMBERSON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (631) 402-3175
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Site Id: 21702
Affiliation Type: Facility Owner
Company Name: 399 EXTERIOR STREET ASSOCIATES LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 119 WEST 57TH STREET, PENTHOUSE SOUTH
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 227-7518
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Tank Info:

Tank Number: 001
Tank ID: 39447
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 02/01/1998
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 05/05/2011
Next Test Date: Not reported
Pipe Model: Not reported
### Map Findings

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<th>Direction</th>
<th>Site</th>
<th>Elevation</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
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#### Equipment Records:

- **10/29/2014**
- **NRLOMBAR**

#### Montauk Student Transport (Continued)

<table>
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<tr>
<th>Modified By:</th>
<th>Last Modified:</th>
<th>Equipment Records:</th>
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</thead>
<tbody>
<tr>
<td>BKFALVEY</td>
<td>05/16/2011</td>
<td>A00 - Tank Internal Protection - None</td>
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<tr>
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<td>C02 - Pipe Location - Underground/On-ground</td>
</tr>
<tr>
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<td>I03 - Overfill - Automatic Shut-Off</td>
</tr>
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<td></td>
<td>L09 - Piping Leak Detection - Exempt Suction Piping</td>
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<tr>
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<td>I02 - Overfill - High Level Alarm</td>
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<td>G04 - Tank Secondary Containment - Double-Walled (Underground)</td>
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<td></td>
<td></td>
<td>B02 - Tank External Protection - Original Sacrificial Anode</td>
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<td></td>
<td></td>
<td>D02 - Pipe Type - Galvanized Steel</td>
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<td>E00 - Piping Secondary Containment - None</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<td>K01 - Spill Prevention - Catch Basin</td>
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<td>F02 - Pipe External Protection - Original Sacrificial Anode</td>
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<td>H05 - Tank Leak Detection - In-Tank System (ATG)</td>
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<tr>
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<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F06 - Pipe External Protection - Wrapped</td>
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<td></td>
<td></td>
<td>H01 - Tank Leak Detection - Interstitial - Electronic Monitoring</td>
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</table>

- **Tank Number:** 002
- **Tank ID:** 39448
- **Tank Status:** In Service
- **Material Name:** In Service
- **Capacity Gallons:** 4000
- **Install Date:** 02/01/1998
- **Date Tank Closed:** Not reported
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Steel/carbon steel
- **Material Code:** 0008
- **Common Name of Substance:** Diesel

#### Tightness Test Method:

- **Date Test:** 05/05/2011
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** NRLOMBAR
- **Last Modified:** 10/29/2014

#### Equipment Records:

- **B01 - Tank External Protection - Painted/Asphalt Coating**
- **F06 - Pipe External Protection - Wrapped**
- **H01 - Tank Leak Detection - Interstitial - Electronic Monitoring**
- **A00 - Tank Internal Protection - None**
- **C02 - Pipe Location - Underground/On-ground**
- **I02 - Overfill - High Level Alarm**
- **I03 - Overfill - Automatic Shut-Off**
- **L09 - Piping Leak Detection - Exempt Suction Piping**
- **E00 - Piping Secondary Containment - None**
- **F02 - Pipe External Protection - Original Sacrificial Anode**
- **J02 - Dispenser - Suction Dispenser**
- **K01 - Spill Prevention - Catch Basin**
- **B02 - Tank External Protection - Original Sacrificial Anode**
- **D02 - Pipe Type - Galvanized Steel**
- **G04 - Tank Secondary Containment - Double-Walled (Underground)**
MONTAUK STUDENT TRANSPORT (Continued) U004063535

H05 - Tank Leak Detection - In-Tank System (ATG)

<table>
<thead>
<tr>
<th>L83</th>
<th>LOT 100,TAXBLOCK 2349</th>
<th>E DESIGNATION: S117675819</th>
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<tbody>
<tr>
<td>West</td>
<td>399 EXTERIOR STREET</td>
<td>NY E DESIGNATION: S117675819</td>
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</tr>
<tr>
<td></td>
<td>Site 4 of 4 in cluster L</td>
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</tr>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td>Relative:</td>
<td></td>
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<tr>
<td>Lower</td>
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<tr>
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<td>2 ft.</td>
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<td>Description:</td>
<td>Hazardous Materials* Phase I and Phase II Testing Protocol</td>
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<td>Lot Remediation Date:</td>
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<td>Description:</td>
<td>Window Wall Attenuation &amp; Alternate Ventilation</td>
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<td>Lot Remediation Date:</td>
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<tr>
<td>Description:</td>
<td>Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems</td>
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<td>Lot Remediation Date:</td>
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<td>Description:</td>
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<td>Lot Remediation Date:</td>
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</tbody>
</table>

| 84  | GERARDO WOODWORKING   | LTANKS: S118462493 |
| ESE | 168 EAST 144TH STREET | NY LTANKS S118462493 |
|     | BRONX, NY 10451      | N/A                       |
|     |                      |                            |
|     | LTANKS:              |                            |
|     | Site ID: 517649      |                            |
|     | Spill Number/Closed Date: 1509044 / 2016-09-01 | |
|     | Spill Date: 2015-12-04 |                            |
|     | Spill Cause: Tank Test Failure | |
|     | Spill Source: Commercial/Industrial | |
|     | Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. | |
|     | Cleanup Ceased: Not reported | |
|     | Cleanup Meets Standard: False | |
|     | SWIS: 0301           |                            |
|     | Investigator: SXMAHAT |                            |
|     | Referred To: Not reported |                            |
|     | Reported to Dept: 2015-12-04 |                            |
|     | CID: Not reported    |                            |
|     | Water Affected: Not reported |                            |
|     | Spill Notifier: Tank Tester |                            |
|     | Last Inspection: Not reported |                            |
GERARDO WOODWORKING (Continued)  

**Recommended Penalty:** False  
**UST Involvement:** False  
**Remediation Phase:** 0  
**Date Entered In Computer:** 2015-12-04  
**Spill Record Last Update:** 2016-12-20  

**Spiller Name:** GERARDO BOHORQUEZ  
**Spiller Company:** GERARDO WOODWORKING  
**Spiller Address:** 168 EAST 144TH STREET  
**Spiller City,St,Zip:** BRONX, NY  
**Spiller Contact:** GERADO  
**Spiller Phone:** (718) 401-8584  
**Spiller Extention:** Not reported  
**DEC Region:** 2  
**DER Facility ID:** 471971  
**DEC Memo:** "12-4-15 - Obligado - DEsk Duty - Called TJ at Heinrech. Left a message to call back the DEC. 550 tank #2 fuel oil UST. Dry leak. The tank is about half full, 240 gallons. It is a simple system, with a remote fill, and a vent pipe. He was unable to determine the cause of the leak. Heinrech was hired by a potential buyer. TTF mail merge list updated. I called Mr. Gerardo Bohorquez. I left a message to call back the spills duty desk. Spill assigned to Santosh Mahat.  

1/14/16 - Austin - I received a call from Ed Townsend (845-249-0958), a consultant representing the owner of this tank. He indicated that this test was done by a prospective buyer of this property. Mr. Townsend wanted to know how to proceed in getting this matter resolved. He had already had a tank-only test done (passed, according to him) and found a problem with the fill line. However, he said that when the fill was dug out for replacement, no soil contamination was encountered. I asked about the tank-to-boiler line (above ground, no leaks) and the vent line (he indicated that that might have had a failurie, as well, but it was replaced, too). I told him to write this all up, include any documentation and photos, and send it to DEC Mahat via e-mail. He indicated he would do so. - end 6/7/16: Mahat T/c: DEC Mahat contacted Ed and request him to send the closure report on the spill case. 8/11/16: Mahat t/c: DEC Mahat talked to Ed and he mentioned that the report will be sent to the Department as soon as he can. 9/1/16: Mahat Spill case is administratively closed based on the phone conversation RSE had with the contractor on 1/14/16. No paperwork has been submitted to the office as discussed over the phone. Spill case does not warrant any investigation/work on the case. Case closed. 12/20/2016: McPartland Received call to Duty Desk phone from Ed Townsend (845-249-0958). He explained the tank would be abandoned in place and asked if soil samples would need to be taken since it passed a tightness test. I consulted with DEC Piper and told Ed he would not need to take soil samples since the tank was unregulated and it passed a tightness test. "  

**Remarks:** "failed tank test"  

**Material:**  
**Site ID:** 517649  
**Operable Unit ID:** 1266718  
**Operable Unit:** 01  
**Material ID:** 2270669  
**Material Code:** 0001A  
**Material Name:** #2 fuel oil  
**Case No.:** Not reported
GERARDO WOODWORKING (Continued)  S118462493

Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

J85  LOT 10,TAXBLOCK 2345  NY E DESIGNATION  S109942155
South  WALTON AVENUE  N/A
< 1/8  BRONX, NY  10451
0.105 mi.  SITE 5 of 16 in cluster J
556 ft.  E DESIGNATION:

Relative: Higher
Actual: 32 ft.

E-227

Tax Lot(s): 10
Tax Block: 2345
Borough Code: BX
E-No.: Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

G86  MERIT GRAND CONCOURSE  NY UST  U001839205
SSE  370 GRAND CONCOURSE  NY Spills  N/A
< 1/8  BRONX, NY  10451
0.107 mi.  SITE 7 of 13 in cluster G
563 ft.  UST:

Relative: Higher
Actual: 34 ft.

Id/Status: 2.297437 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590362.90040
UTM Y: 4518733.27522
Site Type: Retail Gasoline Sales

Affiliation Records:
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MERIT GRAND CONCOURSE (Continued)

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 731-4100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1
Tank ID: 30650
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 2
Tank ID: 30651
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
MERIT GRAND CONCOURSE (Continued) U001839205

Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- D02 - Pipe Type - Galvanized Steel
- H99 - Tank Leak Detection - Other
- J02 - Dispenser - Suction Dispenser
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I01 - Overfill - Float Vent Valve
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

Tank Number: 3
Tank ID: 30652
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- J02 - Dispenser - Suction Dispenser
- G00 - Tank Secondary Containment - None
- I01 - Overfill - Float Vent Valve
- H99 - Tank Leak Detection - Other
- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- B00 - Tank External Protection - None
- D02 - Pipe Type - Galvanized Steel

Tank Number: 4
Tank ID: 30653
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
Registered: True
**Tank Location:** Underground  
**Tank Type:** Steel/carbon steel  
**Material Code:** 0009  
**Common Name of Substance:** Gasoline  

**Tightness Test Method:** 20  
**Date Test:** 07/01/1997  
**Next Test Date:** Not reported  
**Pipe Model:** Not reported  
**Modified By:** TRANSLAT  
**Last Modified:** 03/04/2004  

**Equipment Records:**  
- H99 - Tank Leak Detection - Other  
- D02 - Pipe Type - Galvanized Steel  
- J02 - Dispenser - Suction Dispenser  
- G00 - Tank Secondary Containment - None  
- I01 - Overfill - Float Vent Valve  
- A00 - Tank Internal Protection - None  
- C02 - Pipe Location - Underground/On-ground  
- B00 - Tank External Protection - None  
- F00 - Pipe External Protection - None

**Tank Number:** 5  
**Tank ID:** 30654  
**Tank Status:** Closed - Removed  
**Material Name:** Closed - Removed  
**Capacity Gallons:** 4000  
**Install Date:** 11/01/1977  
**Date Tank Closed:** 11/01/1998  
**Registered:** True  
**Tank Location:** Underground  
**Tank Type:** Steel/carbon steel  
**Material Code:** 0009  
**Common Name of Substance:** Gasoline  

**Tightness Test Method:** 20  
**Date Test:** 07/01/1997  
**Next Test Date:** Not reported  
**Pipe Model:** Not reported  
**Modified By:** TRANSLAT  
**Last Modified:** 03/04/2004  

**Equipment Records:**  
- D02 - Pipe Type - Galvanized Steel  
- H99 - Tank Leak Detection - Other  
- J02 - Dispenser - Suction Dispenser  
- G00 - Tank Secondary Containment - None  
- I01 - Overfill - Float Vent Valve  
- A00 - Tank Internal Protection - None  
- C02 - Pipe Location - Underground/On-ground  
- F00 - Pipe External Protection - None  
- B00 - Tank External Protection - None

**Tank Number:** 6  
**Tank ID:** 30655
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 20
Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- I01 - Overfill - Float Vent Valve
- D00 - Pipe Type - No Piping
- C00 - Pipe Location - No Piping
- H99 - Tank Leak Detection - Other

SPILLS:
- Facility ID: 9814075
- Facility Type: ER
- DER Facility ID: 168750
- Site ID: 202878
- DEC Region: 2
- Spill Date: 1999-02-17
- Spill Number/Closed Date: 9814075 / Not Reported
- Spill Cause: Unknown
- Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- SWIS: 0301
- Investigator: RVKETANI
- Referred To: 050217 REVVED 1ST QRTR 2017 MONIT RPT
- Reported to Dept: 1999-02-22
- CID: 270
- Water Affected: Not reported
- Spill Source: Gasoline Station or other PBS Facility
- Spill Notifier: Affected Persons
- Cleanup Ceased: 2004-03-16
- Cleanup Meets Std: False
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Trust: False
- Remediation Phase: 5
- Date Entered in Computer: 1999-02-22
- Spill Record Last Update: 2017-05-02
- Spiller Name: SCOTT CULLINAN
- Spiller Company: HESS/MERIT STATION
"Prior to Sept., 2004 data translation this spill Lead_DEC Field was SUN 1/5/04 BPAAmoco in operation and taking responsibility for southern half of property. Reference spill #0111974. (KMF) 11/26/2003 Reassigned from O’Dowd to Sun. 01/29/2004-Sun-File Update by Sun: Sun sent a Stipulation Agreement to Hess requiring the complete delineation of the contamination, including the restoration of MW-1 and MW-8, and submittal of the Operation, Maintenance and Monitoring Plan. The Department approves the remedial action plan prepared by EnviroTrac, dated July, 2001. The Department set a deadline of 2/20/04 for the Respondent to return the signed Stipulation Agreement. (WJS) 03/26/04- The Stipulation Agreement was signed by Hess on 03/10/04 and executed by the Department on 03/24/04. (WJS) 08/11/04-File Update by Sun: On 08/11/04 Sun approves the Investigation Plan submitted July 8, 2004 by Michael Matri, Project Manager for Hess Corp. The two soil borings/monitoring wells proposed in the Investigation Plan will be used to replace well MW-8 and will be located east and west of the former MW-8 location. The approved letter was mailed to Hess on 08/11/04. (WJS) 05/09/05-File Update by Sun: On 05/05/05, thr Department held a project review meeting with Hess’ Project Manager (Mike Matri) and his consultant (EnviroTrac). Per Mike Matri, EnviroTrac has contacted Metropolitan Transportation Authority (MTA) in order to obtain access to delineate along the eastern (up-gradient) portion of the site adjacent to the MTA New York City Transit subway. Currently, Hess drilling contractor, Submmit Drilling Co., Inc., is obtaing the necessary Railroad Protective Liability Policy to satisfy MTA’s insurance requirements. The delineation will be conducted once the work is approved by the MTA. (WJS) 10/27/05: Site reassigned from Sun to Andersen. 10/27/05: Reviewed the second quarterly 2005 update report dated 8/19/05. Additional delineation is still in progress. 12/6/05: Reviewed quarterly report dated 11/22/05. Six monitoring wells sampled on October 6, 2005. Max BTEX 3,309.4 ppb (MW13) and max MTBE 1,250 ppb (MW13). Additional delineation delayed while waiting for MTA permit. 1/26/06: 1/25/06 meeting with Quantum, NYSDEC, and ET. Additional delineation is currently awaiting an MTA permit. 3/29/06: Received email from Thomas Bosshard of EnviroTrac: The two (2) up-gradient monitoring wells at the referenced site have been successfully installed. The new monitoring wells will be incorporated into the site’s quarterly groundwater monitoring schedule with the second quarter 2006 sampling event scheduled for April 2006. The monitoring well installations and April 2006 groundwater monitoring event will be summarized in the site’s next quarterly Update Report. 6/12/06: Reviewed the first quarterly 2006 update report. Groundwater samples collected on January 19, 2006. Max BTEX 6,032 ppb (MW12), max MTBE 2,830 ppb (MW12). Upgradient on-site wells installed in March. Installation of a well downgradient of MW12 and a RAP required by September 12, 2006. 6/30/06: Meeting on 6/28/06 with Hess, NYSDEC, Quantum, EnviroTrac and GSC. Hess will ask for access to the adjacent RR yard to delineate. ORC may be utilized as a remedial method. 7/12/06: Reviewed second quarterly 2006 report. ORM socks in MW12 and 13. ORC socks will be installed in MW15 and MW16. Groundwater samples collected on 4/4/06. Max BTEX 13,571 ppb (MW15). Max MTBE 964 ppb
(MW12). 8/23/06: Received email from Erin Goelz of ET. Delineation not possible in the metronorth area east of the site. Delineation possible on Park Avenue, but this is far from the site. Three wells on Park Avenue were proposed. Wells not required by the Department because they are far from the site. RAP due 9/12/06. 8/29/06: Spoke with Ed Russo. A request for an extension for RAP submission will be required because pilot testing will be conducted on site. Local treatment is not feasible due to subsurface piping on site and the subway nearby. An email request for an extension will be submitted. Power supply at the site may be problematic, ConEdison will be contacted. This site is currently a BP gasoline station. 9/8/06: Received email from Ed Russo. Requested extension until November 30 to submit RAP in order to complete SVE pilot testing on MW’s 12 and 13. SVE test tentatively scheduled for October 15. ORC socks will be installed in MW 15 and 16 ASAP. Extension approved. 10/5/06: Received update report dated 9/27/06. Wells sampled on 7/13/06. Fluctuating concentrations. Max BTEX 81,251ppb (MW15), max MTBE 1,650 ppb (MW12). ORM socks installed in MW 15 and 16. Contamination may be in the bedrock. RAP due 11/30/06. 12/7/06: RAP conditionally approved. SVE will be used in six wells, STRF in MW 15 and 16 because could not trench in this area. ORC socks in six wells. Conditions of approval: 1) more aggressive groundwater remedial strategy for MW MW 12, 15, 16, and 2)treatment method air effluent. 12/28/06: Reviewed update report dated 12/20/06. Fluctuating gw concentrations. Max BTEX 39,412 ppb (MW15), max MTBE 718 ppb (MW12). 1/17/07: Meeting on 1/16/07. This is the only Hess site not being transferred to Delta. A RAP addendum will be submitted addressing gw contamination. 3/13/07: Reviewed update report. Wells sampled on 1/11/07. Max BTEX 31,608 ppb (MW15), max MTBE 1,140 ppb (MW12). Fluctuating groundwater concentrations. ORM socks installed in MW9, and MW12-MW16. SVE system not installed yet. Emailed Hess, EnviroTrac regarding the SVE implementation schedule, and for details on the existing Well Stripper system on site. 3/15/07: Received email from Ed Russo: I sent you an email on 2/23 summarizing the well stripper, how it works, etc. Please confirm that you received that email. If not, I will resend it. If you did receive it and have further questions or comments, let me know and I will provide you with any additional information you may need. As for the schedule, we are currently working with BP (who currently operates the site) in an effort to connect our system to the BP station’s existing electrical system. This would obviously save a great deal of time since CONED has been very slow to provide us new power drops for some of our other recent systems. We are also working with BP on an access agreement to install the system. Once these issues have been resolved, the system will be installed. Due to the fact that most of the subsurface work is already done, the system install will be very quick once the access and electrical issues are finalized. 3/16/07: Received email from Ed Russo: attached are a picture of the well stripper and a pdf document summarizing how the well stripper works. As you discussed with Dawn Coughlin of Hess at your recent meeting, we are proposing to install permanent well strippers in MW-12 and MW-13 and bring a portable well stripper to the site for periodic full day remediation events (permanent well strippers cannot be installed in MW-15 or MW-16 since these wells are not connected to the remediation system). The permanent well strippers within MW-12 and MW-13 will be sampled (influent and effluent) on a monthly basis during system O&M events and the portable well stripper will be sampled for influent and effluent during the periodic remediation events.
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**MERIT GRAND CONCOURSE (Continued)**

events. Note that we are in the process of working with BP to get access to the site to install the system. In order to expedite the install once access is obtained, we will be ordering the equipment so that we can prepare the shed to be delivered to the site once access is granted. 7/31/07: Received email from Ed Russo: GW sampling was conducted on the site about 2 weeks ago. We should get data from the lab this week and will prepare an update report for submittal to you right away. As far as the system goes, we have received approval from BP (the current owner/operator of the site) to install the system. Our electrician is working on getting power from CONED. We have ordered all equipment and are working on building the shed in house so that once electrical power is available, we can deliver the system to the site and connect it/start it up. Once we get closer to a start date, I will be in contact with you to schedule start-up so you can be onsite if you’d like. 9/5/07: Reviewed quarterly report. Fluctuating groundwater concentrations. Wells sampled on 7/20/07. Max BTEX 47,580 ppb (MW15). Max MTBE 681 ppb (MW12). ORM socks replaced in MW9 and MW12 - MW16. SVE system and well strippers not installed yet. Short term remediation events planned for MW15 and MW16. Emailed Ed Russo to followup on system startup date and initiation of short term remediation events. 10/9/07: Received email from Ed Russo: we have scheduled an on-site meeting with representatives of BP, Delta Consultants (BP’s consultant), and EnviroTrac for Monday October 15th. BP and Delta wanted to be fully aware of our proposed work before agreeing to let us proceed. We expect to get the approval to proceed with the sitework at that meeting. The shed for the remediation system and the control panel have been completed in our shop and can be mobilized to the site once we obtain the access. Our electrician is ready to go and can get to the site within about a week once we obtain access and CONED involvement will be minimal since we will be connecting to BP’s station electric for our system electrical requirements. In addition, since the majority of the subsurface work was done a few years ago during the construction of the BP station, only minimal site work is required, so we expect to be able to start the system and short-term remediation events within 4-6 weeks of access approval. I will send you an update of our progress following the October 15th meeting. Edward E. Russo Senior Project Manager EnviroTrac Ltd. 5 Old Dock Road Yaphank, NY 11980 P: 631.924.3001 F: 631.924.5001 http://www.envirotrac.com 2/14/08: Received email from Ed Russo: We wanted to let you know that the SVE/Well Stripper system was activated at the referenced site on January 29, 2008. Preliminary data indicates that the system is effectively removing BTEX and MTBE from onsite wells. The initial start-up period will last another week or so and then system O&M will continue on a monthly basis thereafter. A full round of groundwater sampling will be conducted this month and a report summarizing that data and all system data collected to date will be submitted to you before April 30, 2008. If you would like to visit the site to see the system or if you have any questions or comments, please give me a call at (631) 924-3001 3/12/08: Reviewed Fourth Quarterly 2007 update report dated November 27,2007. Wells sampled on 10/16/07. Max BTEX 16,839 ppb (MW15), max MTBE 727 ppb (MW12). System startup data will be submitted in next report. 4/15/08: Reviewed update report dated April 8th, 2008. SVE and well strippers (WS) in operation, and short term remediation events and WS being conducted in MW-15 and MW-16. Maximum BTEX concentration 3,779 ppb (MW16), maximum MTBE concentration 326 ppb (MW12). General downward trend in
MERIT GRAND CONCOURSE (Continued) U001839205

contamination. 8/7/08 - Carlson: Reviewed July 2008 Hydrogeologic Status Report. Wells sampled on 6/30/08. Maximum BTEX concentration 54,315 ppb (MW15). SVE/WS system in operation. Fluctuating concentrations. 10/22/08 - Carlson: Meeting with Hess, EnviroTrac, and NYSDEC. 11/17/08 - Carlson: Reviewed October 2008 Update Report. Wells sampled on 8/26/08. Fluctuating concentrations in some wells. Maximum BTEX concentration 1,068 ppb (MW12). System in operation. 2/20/09 - Carlson: Reviewed January 2009 Update Report. SVE and WS in operation. High effluent concentrations in MW15. Effluent concentrations were not measured from MW12,13. Wells sampled on 11/24/08. Hot well MW12 was not sampled (why?). 3/18/09 - Carlson: Meeting with Hess and EnviroTrac. Not enough water to sample WS effluent in some cases. 5/7/09 - Carlson: Reviewed April 2009 Update Report. SVE/WS in operation, and monthly STRE from MW15. Wells sampled on 2/27/09. Maximum BTEX concentration 390 ppb (MW15). Strong decreasing trends. 5/28/09 - Carlson: Received email from Ed Russo: while out at the site this week conducting routine GW sampling, our technician noted product (0.18") in MW-15. This well, and the entire site, has cleaned up dramatically since the system was activated and short term remediation events commenced a couple of years ago. As you can see from the attached photo, the product appears to be fresh gasoline. Our technician has taken a sample of the product and the GW within the well. We will analyze the GW for BTEX/MTBE as well as ethanol and conduct a fingerprint analysis on the product to try to confirm that it is a new release since this site is an active BP station. The technician did not note any indication of a surface spill and the well seal and manhole have been reported to be in good condition. Once we get results of the ethanol analysis and fingerprint analysis, we will let you know. If it appears that this may be a new release, we would need to notify BP. 8/7/09 - Carlson: Reviewed July 2009 update report. SVE/WS in operation. STRE on MW15 but high concentrations - effluent should be monitored. MW15 fingerprinting results not included. 8/17/09 - Carlson: Reviewed fingerprinting results of product identified in MW15. Product was found to be weathered gasoline from the old release. 8/19/09 - Carlson: Meeting with Hess. System in operation. 11/17/09 - Carlson: Reviewed October 2009 Update Report. Large decrease in concentration in MW15. System in operation. 1/27/2010 - Carlson: Meeting with Hess. Well stripper wells are often dry. 2/5/2010 - Carlson: Reviewed update report. Low dissolved concentrations. 5/20/2010 - Carlson: Meeting with Hess. 5/27/2010 - Carlson: Reviewed update report. SVE to be shut down due to low recovery. 8/13/2010 - Carlson: Reviewed July 2010 Update Report. Spike in concentration in MW15. SVE shut down due to low recovery. STRE/well stripper on MW15 monthly. 8/30/2011 - Obligado - Hess is still doing well stripper STRE on wells MW-12 and MW-15 monthly. 10/21/11 - Obligado - This spill is reassigned to Carlson as directed by Brevdo. 11/14/11 - Carlson: Reviewed October 2011 update report. STRE/well stripper on MW15 and MW12 in June and July. Monthly EFR planned instead of well stripper events from now on. 8/24/2012 - 1Q2012, 4/30/2012, by EnviroTrac. The groundwater was sampled on 2/24/2012. DTW 15.95 to 22.32'. Flows to southeast. EFR on MW-12 and MW-15 on 12/14/2011, 1/5/2012 and 2/6/2012. MW-13, 1.5 BTEX, 13 MTBE. MW-9, BTEX ND, 26.2 MTBE. MW-10, 5.5J BTEX, 2.1 MTBE. MW-15, 2,865.8 BTEX, 2.8J MTBE. MW-16, 42.84J BTEX, 7.3 MTBE. 10/12/2012 - 2Q2012, 7/31/2012, by EnviroTrac. The groundwater was sampled on May 16, 2012. DTW 15.00 to 21.62’. Flows to southeast. SVE/well stripper system was shutdown due to lack of
MAP FINDINGS

MERIT GRAND CONCOURSE  (Continued)  U001839205

hydrocarbon recovery. EFR conducted on selected wells. MW-12, 1,136 J BTEX, 164 MTBE. MW-13, 13.6 J BTEX, 41.9 MTBE. MW-15, 15,713 BTEX, 9.1 J MTBE. MW-16, 42.49 J BTEX, 7.1 MTBE. EFR on MW-12 and MW-15. 1/18/2013 - 3Q2012, 10/31/2012, by EnviroTrac. EFR on wells MW-12 and MW-15 on 6/13/2012. The groundwater sampled on 8/24/2012. DTW 15.41 to 20.42 bg. Flows to southeast. MW-15, 5,307.6 BTEX, MTBE ND. MW-16, 27.48 J BTEX, 4.2 MTBE. 9/25/2013 - 4Q2012, 1/31/2013, by EnviroTrac. Groundwater was sampled on 11/27/2013. DTW 15.41 to 20.42 feet. Flows to southeast. Soil vapor extraction/well stripper system shutdown due to lack of hydrocarbon recovery. MW-15, 30,531.3 BTEX. 1Q2013, 4/30/2013, by EnviroTrac. Groundwater was sampled on 2/6/2013. NO LNAPL. DTW 15.87 to 22.75 feet. Flows to southeast. MW-15, 19,340.4 BTEX. MW-16, 37.72 J BTEX, 3.5 MTBE. MW-9, BTEX ND, 29.6 MTBE. MW-12, 43.43 J BTEX, 109 MTBE. MW-13, 10.8 BTEX, 63.4 MTBE. 11/14/2014 - 2Q2014, 7/31/2014. SVE/well stripper system shutdown due to lack of recovery. 5/16/2014, sampled groundwater. DTW 14.51 to 22.48 feet. Flows to southeast. MW-16, 40.06 J BTEX. MW-15, 0.21 LNAPL. 11/17/2014 - 3Q2014, 11/7/2014, 8/19/2014, sampled groundwater. DTW 15.37 to 22.04 feet. Flows to southeast. MW-16, 21.37 BTEX. MW-15, 0.09 LNAPL. 1/26/2015 - 4Q2014, 1/26/2015. 11/24/2014, gauged 6 monitoring wells and sampled 5 monitoring wells. DTW 15.36 to 22.17 feet. Flows to southeast. MW-15, 102,391.2 J BTEX. MW-16, 26.3 J BTEX. 10/20/2015 - 1Q2015, 4/13/2015. 1/8, 2/5/2015, EFR on MW-15. 2/5/2015, EFR on MW-16. 2/10/2015, gauged 6 monitoring wells and sampled 5 monitoring wells. DTW 15.82 to 21.87 feet. Flows to southeast. MW-15, 3,023 BTEX. MW-16, 160 BTEX. 2Q2015, 7/15/2015. 3/3, 4/1, 5/5/2015, EFR on MW-15. 5/13/2015, gauged 7 monitoring wells and sampled 7 monitoring wells. NO LNAPL. DTW 15.71 to 22.17 feet. Flows to southeast. MW-15, 3,615.6 BTEX. MW-16, 93.4 BTEX. 3Q2015, 10/20/2015. 5/10, 7/8, 8/6/2015, EFR on MW-15. 8/26/2015, gauged and sampled 5 monitoring wells. NO LNAPL. DTW 15.85 to 23.03 feet. Flows to southeast. MW-15, 4,065.7 BTEX. MW-16, 46.4 BTEX. 1/28/2016 - 4Q2015, 1/27/2016. 9/22, 10/8, 11/10/2015, EFR on MW-15. 11/10/2015, gauged 6 and sampled 3 monitoring wells. NO LNAPL. DTW 16.09 to 22.05 feet. Flows to southeast. MW-15, 639.9 BTEX. 3/30/2016 Feng This spill is transferred from J. Feng to V. Brevdo as per J. Vought. 3/30/16 - Raphael Ketani. This spill case has been assigned to me effective today. According to ACRIS, the block and lot are 2341 and 42. The latest deed is dated 12/21/79. The property owner is 350 Concourse Realty Corp. The PBS record is #2-297437. The owner is MERIT Oil of New York, Inc., 551 West Lancaster Avenue, Haverford, PA, 19041. The operator is MERIT Grand Concourse. All six USTs were closed and removed on 11/1/98. The contacts are as follows: Speedway/Hess contact: Matthew Butler, (732) 738-2924, MButler1@Speedway.com Consultants: Edward Russo (EnviroTrac), (631) 924-3001, EDR@EnviroTrac.com Joseph Rennie (EnviroTrac), (631) 924-3001, JoeR@EnviroTrac.com 4/26/16 - Raphael Ketani. Yesterday I received the EnviroTrac 7/25/16 Quarterly Update Report for the period March to May 2016. On 3/7/16, 4/5/16 and 5/5/16 VEFRed MW-15. On 5/13/16 MW-9 to 11 and 14 to 16 were gauged. MW- 9 to 11, 15 and
16 were sampled on 5/13/16. Product was not measured in any of the wells. Groundwater was measured at 14.90’ and 21.59’ below grade and was determined to be flowing southeast. Total BTEX was 11.3 ppb at MW-9 and non-detect at MW-10 to 11, 3785 ppb (64 ppb benzene) at MW-15 and 20 ppb at MW-16. 10/24/16 - Raphael Ketani. Today I received the EnviroTrac 10/24/16 Quarterly Update Report for the period June to August 2016. On 6/7/16, 7/12/16 and 8/8/16 MW-15 was VEFRed. On 8/22/16 MW-9 to 11 and 14 to 16 were gauged. MW-9 to 11, 15 and 16 were sampled on 8/22/16. Product was not measured in any of the wells. Groundwater was measured at 14.94’ and 21.90’ below grade and was determined to be flowing southeast. Total BTEX was non-detect at MW-9 to 11. MW-15 had 11,964.7 ppb BTEX (74.7 ppb benzene). MW-16 had 9.6 ppb BTEX. While I approved the report, I sent an email to Mr. Russo (631) 924-3001, EDR@EnviroTrac.com asking for an explanation as to why the BTEX concentrations should increase so much and so quickly at MW-15. I also asked him to have EnviroTrac come up with a means of reducing the contaminant concentrations at this location. Mr. Russo responded today to my above email with the following statement: in response to your email, please note that the increase in BTEX in MW-15 appears to be related to water table fluctuation. When the water table was lower (in November 2015 and February 2016) BTEX concentrations decreased. The water table has been higher in May 2016 and August 2016 and the BTEX concentrations have increased. Please note factors that indicate that our current course of action is the best to continue to address this impact: 1)The overall trend in remediation of this well, despite the past 2 sampling events, has been good. In 2014 product was present in the well and as a result EFR was initiated. Since 2014, product has no longer been detected within the well. Dissolved concentrations of BTEX were as high as 102,391 ug/l in 2014 prior to initiation of EFR. 2)A majority of the BTEX consists of degraded gasoline (xylenes) and through continuing groundwater monitoring of the site this impact has not shown up in downgradient monitoring wells, indicating that it is an isolated area of impact. 3)A remediation system operated to remediate the eastern portion of the site (area of MWS-9 through 14). As depicted on the attached figure, this remediation system could not be connected to the area of MW-15 due to site constraints/underground utilities. Please also note that we are scheduled to continue to sample the site quarterly and will continue to evaluate our plan moving forward based on quarterly sampling results. EFR events will continue on a monthly basis. 10/25/16 - Raphael Ketani. I sent a response email to Mr. Russo’s 10/24/16 response email. I stated that while EnviroTrac has interpreted the data to indicate a decreasing trend for the BTEX concentrations in the groundwater at MW-15, staff at the Department have noted that the BTEX concentration in the 8/22/16 groundwater sample is at least 3 times greater than that of the past six samples. Also, despite the drop in the water table and the associated release of some product from the micro channels and pores in the soil, we are still concerned that this location will remain a source of groundwater contamination. We will monitor the quarterly analytical results with the expectation that EnviroTrac will take the necessary action to lessen the contamination in the event that it is consistently very high. 2/1/17 - Raphael Ketani. Today I received the EnviroTrac January 2017 Quarterly Update Report dated 1/31/17 for the period September to November 2016. On 9/6/16, 10/26/16 and 11/9/16 MW-15 was VEFRed. On 11/3/16 MW-10, 11 and 14 to 16 were gauged and MW-10, 11, 15 and 16 were sampled. Product was not measured in any of
the wells. Groundwater was measured at 15.23' and 18.96' below grade and was determined to be flowing southeast. Total BTEX was non-detect at MW-10 and 11. MW-16 had 3 very low hits and 2 non-detects. MW-15 had 4889.3 ppb BTEX (70.3 ppb benzene). 5/2/17 - Raphael Ketani. I reviewed the EnviroTrac January 2017 Quarterly Update Report dated 4/28/17 for the period December to February 2017. On 12/8/16, 1/18/17 and 2/15/17 MW-15 was VEFRed. On 2/27/16, MW-9 to 11 and 14 to 16 were gauged and MW-9 to 11, 15 and 16 were sampled. Product was not measured in any of the wells. Groundwater was measured at 15.63' and 22.37' below grade and was determined to be flowing southeast. BTEX was non-detect at MW-9 to 11. MW-15 had 879.4 ppb. MW-16 had 9.3 ppb.

I approved the report without comment. Next, I reviewed the EnviroTrac 4/20/17 Request for Well Abandonments letter. EnviroTrac requests permission to abandon wells MW-12 to 14. The reason for requesting the abandonments is that EnviroTrac claims the groundwater data has shown very significant decreases in the concentrations for BTEX (98.9%) and for MTBE (99.9%). I looked at the historical data for wells MW-12 to MW-14. I found that MW-12 hadn't been sampled from 11/21/13 to 8/19/14 because it was not accessible. After this, the well was not sampled up to the 2/27/17 round. Very high to extremely high BTEX results were indicated in Table 1 for the past results.

MW-13 was sampled sporadically from 2/24/12 to 5/16/14. It was not sampled from 8/19/14 to 2/27/17, except for the 5/13/15 round when the results were non-detect. Past BTEX results for this well as far back as 11/24/08 were generally low. MW-14 had consistently low BTEX results since shortly after it was installed. Also, with the exception of some rounds when it was not sampled, the results were non-detect from 2/28/08 to 8/24/12. After this, the results have D designations for dry, though there are the letters NS for Not Sampled for the rounds from 5/13/15 to 2/27/17. From reviewing the data in Table 1 for MW-12 to MW-14, I determined that wells MW-13 and MW-14 could be abandoned without compromising the monitoring. However, there was insufficient data for making a determination as to whether MW-12 can be abandoned. In light of this, I stated that MW-12 will need to be sampled for at least 3 more rounds before the Department can make a decision regarding abandonment. I sent an official letter today to Mr. Russo, with a C-C to John Engdahl of Speedway, stating the above."

Remarks: "CONTAMINATED SOIL DISCOVERED DURING TANK UPGRADE"
### Map Findings

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<th>Direction</th>
<th>Site Description</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
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<td>FRANRAY SERVICE STATION</td>
<td>1020948688</td>
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<td>SSE</td>
<td>370 GRAND CONCOURSE</td>
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<td>&lt; 1/8</td>
<td>BRONX, NY 10451</td>
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<td>0.107 mi.</td>
<td>Site 8 of 13 in cluster G</td>
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<td>Relative: Higher</td>
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| H88       | CONSOLIDATED EDISON | NY MANIFEST 1009243206 | N/A |
| WSW       | 355 EXTERIOR ST OPEXCAV |               |               |
| < 1/8     | BRONX, NY            |               |               |
| 0.110 mi. | Site 2 of 3 in cluster H |       |               |
| 580 ft.   | Relative: Lower     |               |               |
|           | Year: 2004          | Country: USA   | EPA ID: NYP004125738 |
|           | Facility Status:    | USA ID: 1009243206 | Mailing Name: CONSOLIDATED EDISON |
|           | Location Address 1: | Location State: NY | Mailing Contact: FRANKLIN MURRAY |
|           | Code: BP            | Location City: BRONX | Mailing Address 1: 4 IRVING PLACE RM 828 |
|           | Location Address 2: | Location State: NY | Mailing Address 2: Not reported |
|           | Total Tanks:        | Location Zip: Not reported | Mailing City: NEW YORK |
|           | Location City:      | Location Zip 4: Not reported | Mailing State: NY |
|           | Location State:     | Mailing Zip: 10003 | Mailing Zip 4: Not reported |
|           | Location Zip:       | Mailing Zip: 10003 | Mailing Country: USA |
|           | Facility Status:    | Mailing Phone: 2124602808 | Mailing Name: CONSOLIDATED EDISON |
|           | Country: USA        | Manifest Status: Not reported | Mailing Contact: FRANKLIN MURRAY |
|           | EPA ID: NYP004125738 | seq: Not reported | Mailing Address 1: 4 IRVING PLACE RM 828 |
|           | Mailing Name:       | Year: 2004 | Mailing Address 2: Not reported |
|           | Mailing Contact:    | Trans1 State ID: 12446JT | Mailing City: NEW YORK |
|           | Mailing Address 1:  | Trans2 State ID: Not reported | Mailing State: NY |
|           | Mailing Address 2:  | Generator Ship Date: 10/18/2004 | Mailing Zip: 10003 |
|           | Mailing City:       | Trans1 Recv Date: 10/18/2004 | Mailing Zip 4: Not reported |
|           | Mailing State:      | Trans2 Recv Date: Not reported | Mailing Country: USA |
|           | Mailing Zip:        | TSD Site Recv Date: 10/20/2004 | Mailing Phone: 2124602808 |
CONSOLIDATED EDISON (Continued)

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004125738
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D018 - BENZENE 0.5 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
LOT 46, TAXBLOCK 2349 (Continued)  S117676351

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

M90  JOSES SERVICE STATION INC  EDR Hist Auto  1020414206
North 100 E 149TH ST  EDR Hist Auto  N/A
< 1/8  BRONX, NY 10451
< 1/8  < 1/8  < 1/8  M90  Site 1 of 9 in cluster M
< 1/8  0.111 mi.  0.111 mi.  0.111 mi.  0.111 mi.  Site 1 of 9 in cluster M
< 1/8  584 ft.  584 ft.  584 ft.  584 ft.  Site 1 of 9 in cluster M
Relative:  E DESIGNATION:  Type:
Lower  Tax Lot(s):  35  Gasoline Service Stations
Actual:  Tax Block:  2351  Gasoline Service Stations
8 ft.  Borough Code:  BX  Gasoline Service Stations
Year:  Name:  JOSES SERVICE STATION INC  Gasoline Service Stations
1971  JOSES SERVICE STATION INC  Gasoline Service Stations
1972  JOSES SERVICE STATION INC  Gasoline Service Stations
1973  JOSES SERVICE STATION INC  Gasoline Service Stations
1974  JOSES SERVICE STATION INC  Gasoline Service Stations
1977  JOSES SERVICE STATION INC  Gasoline Service Stations
1978  JOSES SERVICE STATION INC  Gasoline Service Stations
1979  JOSES SERVICE STATION INC  Gasoline Service Stations
1980  JOSES SERVICE STATION INC  Gasoline Service Stations

M91  LOT 35, TAXBLOCK 2351  E DESIGNATION:  S109942478
North 100 EAST 149 STREET  E DESIGNATION:  N/A
< 1/8  BRONX, NY 10451
< 1/8  0.111 mi.  0.111 mi.  0.111 mi.  Site 2 of 9 in cluster M
< 1/8  584 ft.  584 ft.  584 ft.  Site 2 of 9 in cluster M
Relative:  E DESIGNATION:  Type:
Lower  Tax Lot(s):  35  Gasoline Service Stations
Actual:  Tax Block:  2351  Gasoline Service Stations
8 ft.  Borough Code:  BX  Gasoline Service Stations
Year:  Name:  JOSES SERVICE STATION INC  Gasoline Service Stations
1971  JOSES SERVICE STATION INC  Gasoline Service Stations
1972  JOSES SERVICE STATION INC  Gasoline Service Stations
1973  JOSES SERVICE STATION INC  Gasoline Service Stations
1974  JOSES SERVICE STATION INC  Gasoline Service Stations
1977  JOSES SERVICE STATION INC  Gasoline Service Stations
1978  JOSES SERVICE STATION INC  Gasoline Service Stations
1979  JOSES SERVICE STATION INC  Gasoline Service Stations
1980  JOSES SERVICE STATION INC  Gasoline Service Stations

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported
RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: A C A AMOCO #594
Facility address: 350 GRAND CONCOURSE BLVD
BRONX, NY 10451
EPA ID: NYD986963189
Mailing address: GRAND CONCOURSE BLVD
BRONX, NY 10454
Contact: Not reported
Contact address: GRAND CONCOURSE BLVD
BRONX, NY 10454
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: A C A MANAGEMENT SERVICES
Owner/operator address: 728 BLACK HORSE PIKE
TURNERSVILLE, NJ 08012
Owner/operator country: US
Owner/operator telephone: (609) 227-6111
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: A C A MANAGEMENT SERVICES
Owner/operator address: 728 BLACK HORSE PIKE
TURNERSVILLE, NJ 08012
Owner/operator country: US
Owner/operator telephone: (609) 227-6111
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
A C A AMOCO #594 (Continued)

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: A C A AMOCO #594
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: A C A AMOCO #594
Classification: Not a generator, verified

Date form received by agency: 01/07/1992
Site name: A C A AMOCO #594
Classification: Small Quantity Generator
- Waste code: D000
- Waste name: Not Defined

- Waste code: D001
- Waste name: IGNITABLE WASTE

- Waste code: D002
- Waste name: CORROSIVE WASTE

- Waste code: D018
- Waste name: BENZENE

Violation Status: No violations found

G93 LOT 42, TAXBLOCK 2341 NY Spills S109942572
SE 350 GRAND CONCOURSE NY E DESIGNATION N/A
BRONX, NY 10451
< 1/8
0.112 mi.
593 ft.

Site 10 of 13 in cluster G

Relative: Higher
Actual: 32 ft.

SPILLS:
Facility ID: 0111974
Facility Type: ER
DER Facility ID: 142117
Site ID: 168726
DEC Region: 2
Spill Date: 2002-02-20
Spill Number/Closed Date: 0111974 / Not Reported
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: RJJFENG
Referred To: APPROVE NITRATE INJECTION, REPT 12/2012
Reported to Dept: 2002-03-20
CID: 211
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
### LOT 42, TAXBLOCK 2341 (Continued)

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</tr>
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#### DEC Memo:

\*11/28/03 Reassigned from DeMeo to Foley. See spill #9814075 for info on former Merit station on northern half of property. File review: Underground Storage Tank Excavation Assessment Report (Delta, 11/4/02) Five 4000gal(double-walled steel) gas USTs and an abandoned 550-gal(single-walled steel) UST excavated during raze and rebuild activities. Replaced with three 12000gal gas USTs in a separate tank cavity. Lab analysis of the gasoline tank field post-ex soil samples identified MTBE in excess of TAGM in the four bottom samples (tank-2, tank-3, tank-4 and tank-5). MTBE concentrations ranged from 1500ppb(tank-5) to 7740ppb(tank-3). Total BTEX was non-detect in all soil samples. No soil was excavated during tank pulls. Delta proposes conducting a GeoProbe assessment in the vicinity of the former tank field to delineate soil concentrations. 12/31/03 Received SHAR (Delta, 12/22/03) Report only covers the southern half of the existing BP service station. The northern half is managed by Amerada Hess, formerly occupied by a Merit station. Site plan shows 6 monitoring wells on the northern portion of the property. (see spill #9814075) 1360 tons of petroleum-impacted soils were removed during raze and rebuild. Six soil borings were advanced around the former tank field and pump islands to depths between 11.5 and 20ft bgs. Lab analysis of soil samples did not identify VOCs in excess of TAGM. Three soil borings were converted to temporary 1 wells. Groundwater samples collected identified between nine and fourteen VOCs in excess of GWQS in all three samples. MTBE concentrations ranged from 2820ppb(SB-1/water) to 11500ppb(SB-2/water). Delta installed three 2 permanent monitoring wells in June/July 2003 to depths between 19.9 and 21.4'bgs. Underlying bedrock was encountered in one of the three borings at 21.5'. Additional groundwater samples were collected. Lab analysis identified VOCs in excess of GWQS in all three samples. 1/5/04 Discussed site with J. Sun, PM for Hess(#9814075). He will look for signed STIP from Hess for northern section of property. May have existing remediation system on property. 1/29/04 Received 4Q2003 monitoring report (Delta, 1/21/04). Max BTEX 29936ppb(MW-5) and max MTBE 2860ppb(MW-4). MW-2 is clean. 1/29/04 Joe Sun sent out stip to Hess. 3/24/04 Hess stip executed. 4/22/04 Received 1Q2004 monitoring report. DTW 12.5-19'bgs. Total BTEX from 10ppb(MW-2) to 15962ppb(MW-1). MTBE from 6.9ppb(MW-2) to 1720ppb(MW-3). 10/14/04 2Q04 monitoring report received. DTW 13-18'bgs. BTEX from 12ppb(MW-2) to 16174ppb(MW-1). MTBE from 3ppb(MW-2) to 1160ppb(MW-1). 4/7/05 Received 3Q04 and 4Q04 monitoring reports. 3Q04- BTEX ranged from ND(MW-2) to 18124ppb(MW-1). MTBE ranged from ND(MW-2) to 424ppb(MW-3). 4Q04- BTEX ranged from 1ppb(MW-2) to 1608ppb(MW-1). MTBE ranged from 9ppb(MW-2) to 507ppb(MW-3). 11/9/05: Reviewed quarterly report dated 9/29/05. Three wells sampled on 6/10/05. No
LOT 42, TAXBLOCK 2341 (Continued)

LNAPL present. Max BTEX is 22437 ppb (MW1) and max MTBE is 328 ppb (MW3). 11/25/05 3Q05 - DTW 11.82-19.30' bg. No LNAPL present. BTEX from 0.5 ppb (MW-2) to 9858 ppb (MW-1). MTBE from 2 ppb (MW-2) to 559 ppb (MW-3). 3/28/06 4Q05 sampling conducted 12/28/05 on three MWs. DTW 11.74-17.91' bg. BTEX from 34 ppb (MW-2) to 31268 ppb (MW-1). MTBE from ND (MW-1) to 131 ppb (MW-3). MW-1 is problem well. Concentrations in downgradient well (MW-3) are fluctuating. Hess has system operating on northside of property. 6/8/2006 - Feng - project reassigned to RJF. (RJF) 9/29/2006 - Feng - Portfolio meeting with BP and Delta. The site has limited access to trucks due to the canopy. Delta will keep quarterly monitoring. (RJF) 1/4/2007 - Feng - 1Q2006, 10/18/2006, by Delta. Groundwater sampled and gauged 3/3/2006. 3 monitoring wells. DTW 12.23' to 18.31' bg. Flows southeast. No LNAPL. MW-1, 13,489 ppb BTEX, 23.8 ppb MTBE. MW-2, 1.4 ppb BTEX, 2.1 ppb MTBE. MW-3, 60.4 ppb BTEX, 81.4 ppb MTBE. (RJF) 2/6/2007 - Feng - 2Q2006, 12/11/2006, by Delta. Groundwater sampled and gauged 6/30/2006. 3 monitoring wells. DTW 10.82' to 17.93' bg. Flows east-southeast. No LNAPL. MW-1, 14,887 ppb BTEX, 8.6 ppb MTBE. MW-2, 133.62 ppb BTEX, 0.4 ppb MTBE. (RJF) 3/20/2008 - Feng - Portfolio meeting with Hess PM, RAP for SVE and ORC socks approved, but not implemented yet. (RJF) 5/29/2007 - Feng - 3Q2006, 1/22/2007, by Delta. Groundwater sampled and gauged 9/26/2006. 3 monitoring wells. DTW 11.98' to 18.02' bg. Flows to southeast. LNAPL in MW-1 (0.02'). MW-1, 9.882 ppb BTEX, 7.7 ppb MTBE. MW-2, 0.45 ppb BTEX, 2 ppb MTBE. MW-3, 9.8 ppb BTEX, 20.6 ppb MTBE. (RJF) 8/15/2007 - Feng - 4Q2006, 7/2/2007. Groundwater sampled 12/13/2006. All 3 monitoring wells were sampled. DTW 12.09' to 18.14' bg. Flows to southeast. No LNAPL. MW-1, 17,027 ppb BTEX, less than 50 ppb MTBE. MW-2, BTEX ND, 1.7 ppb MTBE. MW-3, 21.7 ppb BTEX, 31.5 ppb MTBE. (RJF) 11/21/2007 - Feng - 1Q2007, 8/30/2007. Groundwater sampled 3/28/2007. All 3 monitoring wells were sampled. DTW 11.76' to 17.77' bg. Flows to southeast. No LNAPL. BTEX range ND to 10,616 ppb (MW-1). MTBE range 1.1 ppb to 13.6 ppb (MW-3). (RJF) 3/20/2008 - Feng - eDoc Quarterly Monitoring Report 3Q2007, 4Q2007 and 1Q2008. (RJF) 6/26/2008 - 3Q2007, 2/25/2008. Active service station. The monitoring well network was gauged and sampled on 8/22/2007. The site was not sampled in 2Q2006. 3 monitoring wells. DTW 11.30' to 17.66' bg. Flows to southeast. No LNAPL. BTEX range ND to 9,528 ppb (MW-1). MTBE range ND to 25 ppb (MW-3). (RJF) 10/29/2008 - 2Q2008, 9/20/2006, by Delta. Active station. The monitoring well network was gauged and sampled 6/27/2008. 3 wells were gauged. NO LNAPL. DTW 11.66 to 18.62' bg. Flows to southeast. 3 wells were sampled. BTEX range 0.67 ug/L to 9,770 ug/L (MW1). MTBE range ND to 14.0 ug/L (MW3). (RJF) 3/4/2009 - 3Q2008, 12/11/2008, by Delta. Active station. The monitoring well network was gauged and sampled 9/4/2008. 3 wells were gauged. LNAPL in MW-1 (0.02'). DTW 11.95' to 18.09' bg. Flows to southeast. 3 wells were sampled. BTEX range ND to 10,540 ug/L (MW-1). MTBE range 1.1 ug/L to 7.2 ug/L (MW-3). 4Q2008, 1/30/2009, by Delta. Active station. The monitoring well network was gauged and sampled on 12/17/2008. 3 wells were gauged. LNAPL in MW-1.
(0.03'). DTW 11.57' to 17.57' bg. Flows to southeast. 3 wells were sampled. BTEX range ND to 9,980 ug/L (MW-1). MTBE range ND to 8.3 ug/L (MW-3). (RJF) 8/14/2009 - Reviewed Drilling Work Plan, dated 6/29/2009, by Delta, pdf copy via email. Delta proposes to install 2 monitoring wells northwest and southwest of MW-1. Email comments to Delta requesting one more downgradient well at the east side of the canopy. Revision due 9/2009. (RJF) 9/1/2009 - 2Q2009, 8/5/2009, by Delta. Active station. The monitoring well network was gauged and sampled on 6/29/2009. 3 wells were sampled. NO LNAPL. DTW 10.87' to 17.20' bg. Flows to southeast. 3 wells were sampled. BTEX range ND to 10,407 ug/L (MW-1), MTBE range ND to 7.1 ug/L (MW-3). (RJF) 9/11/2009 - email from Delta, attached with the SHAR of 12/29/2003. Delta installed SB-6 at the east side of the canopy/tanks. The boring was advanced to 11.5 feet bgs. Weathered bedrock was encountered at approximately 8 feet bgs and there was no overburden saturation. Soil sample taken from 9-11.5 feet, no VOCs/SVOCs detected. Delta requested not to install the well over there as required by DEC 8/14/2009. (RJF) 3Q2009, 12/7/2009, by ARCADIS. 3 wells were gauged and sampled on 9/25/2009. LNAPL in MW-1 (0.01'). Max benzene 81 ug/L (MW-1). Max BTEX 6,200 ug/L (MW-1). Max MTBE 6.3 ug/L (MW-3). ARCADIS requests to reduce the monthly gauging to quarterly based on the intermittent nature of LNAPL occurrence in MW-1. 4Q2009, 2/5/2010, by ARCADIS. 3 wells were gauged and sampled on 12/30/2009. DTW 11.34-17.20' bg. Flows to east-southeast. NO LNAPL. max benzene 34 ug/L (MW-1). Max BTEX 7,900 ug/L (MW-1). Max MTBE 5.2 ug/L (MW-1). Due to project transition, the monthly gauging did not occur in October, November or January 2010, but has now resumed. Installation of 3 additional wells was proposed to DEC 12/2009 and will schedule field upon approval. 3/16/2010 - Reviewed Investigation Work Plan revision, dated 3/8/2010, by ARCADIS. ARCADIS proposes to install 3 monitoring wells, MW-4 west of the canopy, MW-5 south of the canopy in between MW-1 and MW-2, MW-6 east of the canopy. Work plan is approved. Report due 6/2010. (RJF) 5/21/2010 - 1Q2010, 4/28/2010, by ARCADIS. 3 wells were gauged and sampled on 3/12/2010. DTW 19.73-21.33' bg. Flows to east-southeast. NO LNAPL. Max benzene 52 ug/L (MW-1). Max BTEX 7,500J ug/L (MW-1). Max MTBE 4.5J (MW-1). The 3 new wells are scheduled to be installed in 5/2010. ARCADIS requests reduce monthly gauging to quarterly. 08/26/10: This spill case is transferred from R. Feng to J. Kolleeny. Reviewed Results of 2nd Quarter 2010 GW Monitoring and Subsurface Hydrocarbon Assessment Rpt by ARCADIS, both dated 8/16/10 (in eDocs). 2nd Quarter 2010 sampling shows high dissolved contam in well MW-1. Subsurface Invest Rpt summarizes install’n & sampling of 3 new soil borings, two of which were converted into mon wells (3rd boring hit refusal on presumed bedrock w/o hitting GW). Borings found saturated zone soil contam at MW-4, and significant GW impacts at MW-4 and MW-5. ARCADIS proposed adding new wells to mon program, continued quarterly mon, and evaluation of remedial technologies, feasibility study and remedial action plan. I sent letter (in eDocs) to Jon Armstrong of BP, cc’s to Ray Wagner and Andrew Kork of ARCADIS, asking for addtl delin wells to north & west of most contaminated wells (MW-1, MW-4 & MW-5), with work plan for wells due by 9/17/10 and RAP due by 12/3/10. - J. Kolleeny 08/30/10: Spill no. at adjacent former Merit Station to north of site (cleanup being managed by Hess) is 9814075; see rpts in eDocs for GW data. - J. Kolleeny 09/01/10: On 8/27/10 received email from Ray Wagner of ARCADIS: I believe we can accommodate you on request to add Former UST areas to site plans, where applicable, and
we have this info. We will begin this process; please keep in mind there may be a little lag in updating some sites as we will be pulling figures from archive site files sent from Delta. I would like to have a call with you to discuss recently submitted investig rpt for BP station 17782 and your request for add'l delin wells to west & north of MW-4. Merit site to north has wells just north of MW-4, and stepping out to west of MW-4 is limited due to subway and street. Please let me know if you would be available to discuss this later today or early next week. Spoke with Ray later that day, asked if he could send site plan showing northern half of site (former Merit Station), where cleanup is being managed by Hess. On 8/30/10, he sent figure and 2009 rpt by EnviroTrac showing wells on north portion of site and GW data. I sent email: Thanks for fig. and rpt. Have you been able to find out anything about location of former USTs at former Amoco station? He replied he would have that info by 9/1/10.

On 9/1/10, received email from Andrew Korik of ARCADIS showing former UST locations on former Amoco & Merit portions of site (in eDocs). I sent email to Andrew & Ray of ARCADIS, cc to Jon Armstrong of BP: Thanks for sending site plans with former UST locations. I looked over fig. and 2009 EnviroTrac rpt sent few days ago by Ray, and I also looked at more recent EnviroTrac rpt (July 2010) for northern (former Merit sta.) portion of site, and I see that monitoring well MW-4 on southwestern part of that site has either been destroyed or is not being sampled. Therefore, I believe that an add'tl well to north of ARCADIS well MW-4 on former Amoco site, near former property line, is warranted. In light of constraints posed by nearby subway & Grand Concourse, I will not at this time ask for add'tl delin wells west of contam area represented by wells MW-1, MW-4 & MW-5. Please contact me if you have questions. - JK 09/07/10: On 9/2/10, received email from Andrew Korik of ARCADIS with attached site plan showing proposed add'tl well location as requested (in eDocs). Email stated: Per your rqst, see attached fig which shows location of one add'tl mon well proposed to be installed near former property boundary north of our existing MW-4. With your approval, we will schedule install'n & sampling of this well in accordance with procedures outlined in 3/8/10 Work Plan, approved by NYSDEC. Please contact me if you have any questions. Due to proximity of subway tunnel under street and portion of sidewalk, well may need to be moved 5 or 10 ft to east pending comments from NY MTA. Thank you. On 9/7/10, I sent email reply, with cc's to Ray Wagner of ARCADIS & Jon Armstrong of BP: I would prefer if you could install new well about 5 ft to south of proposed location shown on attached drawing. However, I understand that final location of well may be largely determined by presence of subsurface utilities. Please consider this email as authorization to proceed with install'n of add'tl mon well. Well should be installed in accordance with procedures outlined in 03/08/10 Work Plan approved by NYSDEC. Feel free to contact me if you have any questions. Andrew wrote back: Will try to install per your preference, assuming field conditions allow. - JK 11/22/10: Received email from Andrew Korik of ARCADIS: Just wanted to update you on work at BP site 17782 at 350 Grand Concourse. We installed and sampled add'tl well along sidewalk as requested. I am just wrapping up combined 3rd quarter rpt/well install'n rpt and expect to have something to you next week. We are also reviewing remedial alternatives and will be developing a RAP shortly. - J. Kolleeny 03/01/11: Reviewed Results of 3rd Quarter 2010 GW Monitoring and Intall’n of Addt’l GW Mon Well rpt by ARCADIS dated 12/3/10 (in eDocs). Results of Sept. 2010 GW sampling show MW-1 had...
RAWP specified that 5 injection wells to be installed; however, due to field work during the week of May 9 through May 13, 2011. The approved RAWP starting Monday May 9 at the 350 Grand Concourse site. Please call me if you have any questions. Can we change the monthly gauging to quarterly at these sites where we have not seen product in over 1 year? 5/5/2011 - email to Andy Korik Andy, Yes, you can switch from monthly gauging to quarterly gauging for this site. In yesterday’s email you said the field work will start on Monday 5/9/2011, how many days are you expecting to be in the field? June email from Andy Korik The first day will be coring and hand clearing of the borings. I expect the well installations will start on Tuesday and be finished on Thursday so 4 days on site (3 if things go very quickly). JF 5/17/2011 - received email attached with 1Q2011 quarterly report. eDoc. JF 5/25/2011 - email from Andy Korik of ARCADIS June here is notification that the injection wells were installed at 350 Grand Concourse. Injection well IW-03 could not be installed due to shallow refusal with 4 attempts. We can compensate by increasing injection volumes at the other 4 wells. Still waiting for USEPA approval to inject. Sulfate Injection Well Installation Notification was attached. eDoc. JF 7/11/2011 - 1Q2011, 5/17/2011, by ARCADIS. The groundwater samples were collected on 3/31/2011. 6 wells were sampled. MW-6A located in the north of MW-4 and west of the canopy was installed in 10/2010. NO LNAPL. The site is changed to quarterly gauging. Max BTEX 11,000 ug/L (MW-6A). Max MTBE 12 ug/L (MW-5). Sulfate Injection Well Installation Notification, 5/25/211, by ARCADIS. The installation of four sulfate injection wells took place during the week of May 9 through May 13, 2011. The approved RAWP specified that 5 injection wells to be installed; however, due
to refusal at 1.5 to 5 feet depth during 4 attempts to install well IW-03, an injection well was not installed at the proposed IW-03 location. Injection volumes at IW-2 and IW-04 can be adjusted to compensated for the absense of IW-03. They submitted an Inventory of Injection Wells package to USEPA on 5/5/2011. Will notify DEC one week prior to the injection. No soil and groudwater samples taken. JF 5/8/12 - Raphael Ketani. Mr. Korik submitted a proposal to the DEC on 5/1/12 requesting to use sodium nitrate in place of sodium persulfate for treating the groundwater contamination at the site. After review by our technical staff, a number of comments and requests were submitted to me for forwarding to Mr. Korik. I put the comments and requests in a draft letter for the review of Hassan Hussein, EE III at Region 2 DEC. In brief, the letter approved the use of sodium nitrate and requested bacteria culture information, dosing information, nitrate enriched groundwater management information, that the groundwater must be kept anoxic and a warning regarding the regulated use of sodium nitrate. Mr. Hussein approved the letter and it was sent out today. 5/24/12 - Raphael Ketani. Today I received the ARCADIS 5/24/12 First Quarter 2012 Groundwater Monitoring and Analysis Report. I reviewed the report. NAPL was not present in any of the wells during this quarter. Groundwater flow was to the east. MW-2 was not accessible in March 2012. MW-1 had 1900 ppb ethylbenzene and 3600 ppb total xylenes. MW-4 had 1700 ppb ethylbenzene and 4100 ppb total xylenes. MW-5 had 380 ppb total xylenes. MW-6A had 1100 ethylbenzene and 6800 total xylenes. The first round of sodium nitrate injections is scheduled to take place at the end of the third monitoring quarter, pending DEC approval. 5/30/12 - Raphael Ketani. Earlier, Mr. Korik had sent me an ARCADIS 5/23/12 response letter to the Department's 5/7/12 conditional approval letter regarding the use of sodium nitrate in place of sodium persulfate. I reviewed the response letter which addressed the 7 comments the Department had made. Their responses were as follows: 1) ARCADIS sent a letter dated 2/29/12 to the EPA indicating that they will use sodium nitrate in place of the sodium persulfate. However, they haven't had a response from the EPA. 2) The amounts of sodium nitrate that will be on site will be less than the 400 pound limit. For this site, 120 lbs. of the material will be stored on site at any given time. 3) Dosing information was presented and was deemed appropriate. 4) Quantitative polymerase chain reaction was used to evaluate the presence of Dichloromonas species bacteria. 5) By using appropriate amounts of the sodium nitrate chemical, the nitrate concentrations will be maintained in order to keep the groundwater environment anoxic. 6) The push pull method will be used to extract any groundwater. This method doesn't cause the reorientation of the soil grains which would result in a loss of the efficiency of the injections. They state that there will be minimal groundwater displacement. 7) The nitrate concentrations will decrease in two ways: first, nitrate reducing bacteria and reduced minerals will change the nitrate to nitrite and eventually to nitrogen gas. Secondly, the nitrate will be diluted by the downgradient groundwater. Estimates of the distance traveled by 1000 ppm nitrate groundwater until it becomes 10 ppm nitrate groundwater were included in a table. The nitrate enriched groundwater under the site will have to travel 60 feet in order to reach CP-51 levels. Later today, a conference call took place between Mr. Korik, other staff from ARCADIS, staff from BP and myself. The proposed use of sodium nitrate was discussed. Specifically, the ARCADIS 5/1/12 sodium nitrate
proposal, the Department’s comments in our 5/7/12 response letter and the information in the ARCADIS 5/23/12 response letter. I stated that the Department considered that ARCADIS, and thereby BP, had adequately responded to the Department’s comments with the exception of item #7, monitoring nitrate concentrations in the groundwater. Mr. Korik explained that, for BP station #17782, there were no sampling wells 80 feet downgradient of the injection locations. I stated that this was sufficient for monitoring the groundwater. The ARCADIS 5/23/12 response letter was found to be acceptable with the only comment being that they will have to frequently sample the groundwater in order to be sure that it does not exceed the CP-51 standards. If they find that the standards are exceeded, then they will have to propose a means for managing the excess nitrate. ARCADIS must submit a letter plan with a work schedule by June 29, 2012 for conducting the injections and submitting quarterly groundwater monitoring reports. I drafted a letter for the review of Hassan Hussein, EE III and head of the Hazardous Materials Unit. 5/31/12 - meeting with ARCADIS. Pilot in the IW-4, and monitor MW-1, MW-4 and MW-5. Pay attention to the benzene during the pilot. If not working, will plan for aerobic, i.e. oxygen release, which is fine with MTA. 6/26/2012 - Reviewed Supplemental Letter Work Plan for Nitrate Injections, dated 6/19/2012, by ARCADIS. The Work Plan is intended to fulfill the Department’s requirement of specific information (i.e. monitoring, reporting and injection details) regarding the injections as part of the Department’s approval of the proposal to use sodium nitrate to treat the contamination on May 30, 2012. ARCADIS proposes to inject 5,300 gallons, 8,000 gallons, and 5,300 gallons of sodium nitrate solution at a concentration of 0.3% by weight into the injection wells for Site 654, Site 5082, and Site 17782, respectively. A groundwater monitoring program will be implemented subsequent to the application. Approves the Work Plan after discussed with Raphael Ketani. Report by 12/2012. 8/28/2012 - 1Q2012, 5/24/2012, by ARCADIS. Groundwater was sampled on 3/6/2012. DTW 12.86 (MW-5) to 18.07’ blow the top of casing. NO LNAPL. On 10/27/2011, high vacuum extraction (HiVac) event on IW-1 was conducted for 6-hour duration due to the historical appearance of LNAPL. Next sampling will be in 6/2012. MW-6A, 7,700 BTEX. MW-4, 6,000 BTEX. MW-1, 5,600 BTEX. MW-5, 490 BTEX, 29 MTBE. 10/18/2012 - 2Q2012, 8/30/2012, by ARCADIS. Groundwater was sampled on 6/12/2012. DTW 12.23 (MW-5) to 17.96 (MW-3). Flows to east at a hydraulic gradient of 0.16 feet per foot. MW-6A, 7,100 BTEX. MW-4, 5,200 BTEX, 6 MTBE. MW-1, 5,500 BTEX, 3 MTBE. MW-5, 350 BTEX, 140 MTBE. The first round of calcium nitration injection was conducted in August 2012. Dose-response monitoring, analytical data and remedial efficacy will be evaluated and presented in the 3rd quarter monitoring report along with dosing recommendations for future injections. 12/20/2012 - 3Q2012, 11/12/2012, by ARCADIS. Groundwater was sampled on September 21, 2012. DTW 11.36 (MW-2) and 18.45 (MW-3). Flows to east at a hydraulic gradient of 0.18 feet per foot. Over the period of August 14 to August 24, 2012, approx 23,858 gallons of calcium nitrate solution were injected into IW-04. Post injection response monitoring is on-going and will continue through early November. MW-6A, 5,600 BTEX. MW-4, 5,400 BTEX. MW-1, 4,600 BTEX. MW-5, 380 BTEX. 8/21/2013 - met with ARCADIS. The calcium nitrate injection was done in 8/2012. 2,400 gallon has been injected. MW-1 got some LNAPL 0.02’. Need to monitor. 8/26/2014 - 2Q2014, 8/21/2014, by ARCADIS. Groundwater
| MAP FINDINGS |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| **LOT 42,TAXBLOCK 2341** (Continued) | **S109942572** |

- **Direction**: South
- **Database(s)**: ANCILLARY DOCUMENTS
- **Spill Closure**: Transfer from J. Feng to J. Vought as per J. Vought. 9/15/16-Vought-File review to date: Email from Arcadis (Buchanan)-5/26/16. Email that Good afternoon Jeff, please let me know if you any availability to discuss a few BP sites. I have two sites (00147 and 10466) at a critical cross roads that I would like to discuss, also the two pending NFA requests. I am attaching some supporting documentation and listing my thoughts below: Request for no further action submitted October 2015. We have insurance premium due with MTA to maintain our monitoring wells, I would like to get your feeling on this request so we can decide whether to renew the insurance or not. Email from Arcadis (Buchanan)-6/17/16. Email that Good afternoon Jeff, I know you are extremely busy, but have you had a chance to review any of these items? I am pressured weekly by BP, especially regarding 07-01266. Please let me know when you have a few minutes to talk. Thanks Email from Vought to Buchanan-6/20/16. Email that Ira, Apologies for my delay in response. I reviewed your below email and attachments and thought I would respond on each site, in lieu of scheduling a call. With regards to 350 Grand Concourse, I will put this review in my recent queue to hopefully review before I leave for vacation next week. To make things a bit more expedient, I would be much obliged if you could resent the closure request. Attached was Site Closure Summary Package. Vought added Site Closure Summary Package to D2 and reviewed: Site Closure Summary Package (Arcadis)-10/9/15. Contains Spill Closure Presentation that notes Was originally 2 adjoining gas stations: Merit to the north and Amoco to the south, Both stations and property redeveloped into a single BP station in 2002, and Spill number 0111974 issued when impacts encountered during tank removal in 2002. Five 4,000-gallon underground gasoline storage tanks and one 550-gallon waste oil tank (reportedly installed in 1977), and associated piping and pump islands were removed from the former Merit station. Five 4,000-gallon steel gasoline USTs and associated piping and pump islands were removed as part of closure of the Amoco station. MTBE detected above TAGM soil cleanup standards if four of ten post excavation samples. Remediation history includes 1999: 411 tons of soil excavated and removed from the former Merit station. 2002: Site is redeveloped into a single BP station. 1,360 tons of soil excavated and removed... Four
injection wells installed. Hi-vacuum extraction event at IW-04. Presentation concludes that: Mann-Kendall analyses show decreasing VOC concentration trends in all monitoring wells (Attachment 5). ; LNAPL last detected in December 2013 (0.01-feet thickness) at IW-01. ; Dissolved VOC concentrations have fallen by an order of magnitude(13-14 ppm to 1 ppm) at the two most impacted wells (MW-4 and MW-6A) since 2010 (Attachment 6). ; Available soil data shows limited exceedances of soil cleanup criteria. ; Most recent groundwater data shows benzene exceeding groundwater standards at only one well (MW-1 at 10 ug/L). 9/16/16-Vought-Examined other files in D2 for same site and one monitoring report shows groundwater flow to the east and also shows U-Haul facility across Grand Concourse from site. Other document from Arcadis in 2014 shows no observed impact to MTA tracks downgradient from site which is also not a sensitive receptor. Spill closed due to: 1) reducing petroleum VOCs in groundwater due to attenuation 2) delineation of the residual groundwater contamination 3) no possible impact to receptors to the west due to depth of groundwater and likely depth of basements 4) no further feasibility (including cost effectiveness) to perform further remediation as per CP51 Commissioner’s Policy 5) no threat to the wider community as per discussions with DEC Central Office 6) site use will not change and will remain a commercial gas station 7) inclusion of soil contamination clause in spill closure letter. Spill closure letter sent to Randy Coil with cc to Arcadis Buchanan via email and original sent to BP via US mail and added to D2. 11/30/2016 - email from Ira Buchanan to J. Vought Arcadis received spill closure (attached) on September 16th. We mobilized to the site on October 6, 2016 to decommission wells. Wells abandoned include MW-1, MW-3, MW-5, IW-4 and IW-5. When the field crew gauged IW-1, approximately 0.62 feet of LNAPL was encountered. The field crew stopped work at this time leaving IW-1, IW-2, MW-2, MW-4 and MW-6A intact. On November 16, Arcadis subcontractors mobilized to the site with a vacuum extraction truck and set up on IW-1. Prior to beginning the vac event, IW-1 was gauged and had 0.41 feet of LNAPL. IW-2, MW-4 and MW-6A were gauged and did not have LNAPL. MW-2 was not gauged due to a large puddle over the well pad. MW-2 has been historically non-detect for VOCs or detections less than 10 ppb. The November 16 vac event lasted for 8 hours and recovered approximately 45 gallons of petroleum-impacted water from IW-1. The wells were gauged again on November 29, 2016 at which time no LNAPL was observed in IW-1 or the other wells. Based on the information and actions described above, we request permission to continue with abandonment of the remaining 5 wells. email from J. Vought to Ira Buchanan Ira, Thanks for keeping me posted. Question for you: What is the site address for this site? When the Department closed the spill we attempted to ensure that there was a decreasing trend in the groundwater contamination in the remaining dissolved contaminants. With the appearance of free product we have to re-examine the trend to make sure that the remaining contamination is indeed attenuating. As such I am thinking that at least a few quarters of monitoring to re-establish that trend is warranted. However, I must admit I write the above with no site specific knowledge in hand (eg impending development). I will discuss the above with June and also we will consider reopening the spill if warranted. If this appears to be the best course of action we can have a teleconference to discuss further. We will keep you posted and feel free to forward this email onto the consultant as well, -Jeff 12/2/2016 - email from J. Peng to Ira Buchanan Ira, I agree with Jeff
that at least a few more quarters of monitoring is necessary to re-establish the trend for the observed product thickness, e.g. 0.62 and 0.41 feet. The history of this injection well has never shown this much product before, e.g. with max of 0.11 feet on 8/11/2011 and last seen 0.01 feet on 12/20/2013. We will need to re-open the spill to do that. Let s do the call next Monday 12/5/2016, at 11:00am? Let us know. 12/5/2016 - Feng - conference call among ARCADIS Andy Korik and Ira Buchanan, and NYSDEC J. Vought and J. Feng. Agreed to continue quarterly groundwater monitoring for IW-1, i.e. gauging, sampling of dissolved, product recovery if there is any for two more quarters. Spill to be re-opened. 12/7/2016 - spill is re-opened. re-opening letter to BP Randy Coil and ARCADIS. Changed lead from Jeff Vought to June Feng. 5/2/17-Vought-Received Well Decommissioning Summary, Remedial Activities and Groundwater Analytical Summary for First and Second Quarter 2017 from Arcadis (Korik). Vought sent an email to Korik with cc to Buchanan and Feng that Andy, The report notes that Based on Arcadis December 2016 phone conversation with Mr. Jeffrey Vought, if LNAPL was not observed in IW-01 during the January and April 2017 gauging and sampling, NYSDEC would consider closure of the spill number. However, our spill notes of the email correspondence from December 2016 noted that: email from J. Vought to Ira Buchanan Ira, Thanks for keeping me posted. Question for you: What is the site address for this site? When the Department closed the spill we attempted to ensure that there was a decreasing trend in the groundwater contamination in the remaining dissolved contaminants. With the appearance of free product we have to re-examine the trend to make sure that the remaining contamination is indeed attenuating. As such I am thinking that at least a few quarters of monitoring to re-establish that trend is warranted. However, I must admit I write the above with no site specific knowledge in hand (eg impending development). I will discuss the above with June and also we will consider reopening the spill if warranted. If this appears to be the best course of action we can have a teleconference to discuss further. We will keep you posted and feel free to forward this email onto the consultant as well, -Jeff 12/2/2016 - email from J. Feng to Ira Buchanan Ira, I agree with Jeff that at least a few more quarters of monitoring is necessary to re-establish the trend for the observed product thickness, e.g. 0.62 and 0.41 feet. The history of this injection well has never shown this much product before, e.g. with max of 0.11 feet on 8/11/2011 and last seen 0.01 feet on 12/20/2013. We will need to re-open the spill to do that. Let s do the call next Monday 12/5/2016, at 11:00am? Let us know. 12/5/2016 - Feng - conference call among ARCADIS Andy Korik and Ira Buchanan, and NYSDEC J. Vought and J. Feng. Agreed to continue quarterly groundwater monitoring for IW-1, i.e. gauging, sampling of dissolved, product recovery if there is any for two more quarters. Spill to be re-opened. Furthermore, the Department letter dated 12/7/16, also in Appendix D of the report, noted that we required collection of dissolved samples as well. Please collect at least two quarters of dissolved quarterly samples in hopes of demonstrating an attenuating trend of dissolved samples, which the Department requires on all of its petroleum contaminated sites. Please let us know if you would like this formalized in a letter which would be a reissuance of the December 7, 2016 letter. Thanks, Korik replied We do have two quarters (January and April 2017) of dissolved analyses for IW-01 in the report. You would like two additional quarters? Vought replied Andrew, I stand corrected and
LOT 42,TAXBLOCK 2341 (Continued) S109942572

thanks for the clarification. So much for those quick early morning
reports scans. Two quarters will be enough for us to consider
closure. Thanks and apologies for the confusion ."

Remarks: "impacted soil discovered tank removal - will be excavated during
rebuild"

Material:
Site ID: 168726
Operable Unit ID: 848924
Operable Unit: 01
Material ID: 2099346
Material Code: 2645A
Material Name: BTEX
Case No.: Not reported
Material FA: Oxygenates
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: True
Site ID: 168726
Operable Unit ID: 848924
Operable Unit: 01
Material ID: 525990
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: True
Site ID: 168726
Operable Unit ID: 848924
Operable Unit: 01
Material ID: 2099345
Material Code: 1213A
Material Name: MTBE (methyl-tert-butyl ether)
Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: True

Tank Test:

E DESIGNATION:
Tax Lot(s): 42
Tax Block: 2341
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
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<td>Hazardous Materials* Phase I and Phase II Testing Protocol</td>
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<td>Window Wall Attenuation &amp; Alternate Ventilation</td>
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### Site 11 of 13 in cluster G

#### RCRA-SQG:
- **MERIT OIL CORP**
- **370 GRAND CONCOURSE AVE**
- **BRONX, NY 10451**
- **NY 08DCP071X**
- **NY 090303ZMX**
- **6a**

#### Location Details:
- **Distance from center of lot**: 0.112 mi.
- **Height above ground**: 593 ft.
- **Height of wall**: 32 ft.

#### Handler Details:
- **Facility name**: MERIT OIL CORP
- **Facility address**: 370 GRAND CONCOURSE AVE BRONX, NY 10451
- **Facility ID**: NYD982185928
- **Mailing address**: W LANCASLTER AVE HAVERFORD, NY 19041
- **Contact**: Not reported
- **Contact address**: W LANCASLTER AVE HAVERFORD, NY 19041
- **Contact country**: US
- **Contact telephone**: Not reported
- **Contact email**: Not reported
- **EPA Region**: 02
- **Classification**: Small Small Quantity Generator

#### Handler Description:
- **Description**: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

#### Owner/Operator Details:
- **Owner/operator name**: MERIT OIL CORP
- **Owner/operator address**: NOT REQUIRED
- **Owner/operator telephone**: (212) 555-1212
- **Legal status**: Private
- **Owner/Operator Type**: Operator
- **Owner/Op start date**: Not reported
- **Owner/Op end date**: Not reported
## MERIT OIL CORP (Continued)

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<tr>
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<td>(212) 555-1212</td>
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<tr>
<td>Owner/Op end date:</td>
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### Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

### Historical Generators:
**Date form received by agency:** 01/01/2006
- **Site name:** MERIT OIL CORP
- **Classification:** Conditionally Exempt Small Quantity Generator

**Date form received by agency:** 07/08/1999
- **Site name:** MERIT OIL CORP
- **Classification:** Not a generator, verified

**Date form received by agency:** 05/11/1987
- **Site name:** MERIT OIL CORP
- **Classification:** Large Quantity Generator

- **Violation Status:** No violations found

### US AIRS MINOR:
- **Envid:** 1000263797
- **Region Code:** 02
- **Programmatic ID:** AIR NY0000002600400055
- **Facility Registry ID:** 110001565789
- **D and B Number:** Not reported
- **Primary SIC Code:** 5541
- **NAICS Code:** 999999
- **Default Air Classification Code:** MIN
- **Facility Type of Ownership Code:** POF
- **Air CMS Category Code:** Not reported
- **HPV Status:** Not reported

### US AIRS MINOR:
- **Region Code:** 02
MERIT OIL CORP (Continued)

Programmatic ID: AIR NY00000002600400055
Facility Registry ID: 110001565789
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:
Registry ID: 110001565789

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envld: 1000263797
Registry ID: 110001565789
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001565789

NY MANIFEST:
Country: USA
EPA ID: NYDS2185928
Facility Status: Not reported
Location Address 1: 350 GRAND CONCOURSE AVE
MERIT OIL CORP (Continued)

Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD982185928
Mailing Name: BP PRODUCTS MERIT OIL INC
Mailing Contact: FRANK LO BELLO
Mailing Address 1: PO BOX 80249
Mailing Address 2: Not reported
Mailing City: RANCHO SANTA MARGARITA
Mailing State: CA
Mailing Zip: 92688
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9494605200

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NJR000023036
Trans2 State ID: Not reported
Generator Ship Date: 10/31/2008
Trans1 Recv Date: 10/31/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/31/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982185928
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
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TSDF ID 2: Not reported
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Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: Y
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
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Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
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Waste Code: Not reported
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Waste Code: Not reported
MERIT OIL CORP  (Continued)

Quantity: 200.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D018
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access
4 additional NY_MANIFEST record(s) in the EDR Site Report.

NJ MANIFEST:

EPA Id: NYD982185928
Mail Address: P.O. BOX 80249
Mail City/State/Zip: SANTA MARGARITA 92688
Facility Phone: 9494605200
Emergency Phone: Not reported
Contact: FRANK LOBELLO
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest Number: 001274618JJK
EPA ID: NYD982185928
Date Shipped: 08/30/2007
TSDF EPA ID: NJD991291105
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Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
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Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
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Date Trans10 Transported Waste: Not reported
**MERIT OIL CORP (Continued)**

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| Waste Type Code 3: | Not reported |
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| Waste Code: | D018 |
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| Quantity: | 200 P |

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| Transporter 2 EPA ID: | Not reported |
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| Transporter 7 EPA ID: | Not reported |
| Transporter 8 EPA ID: | Not reported |
| Transporter 9 EPA ID: | Not reported |
| Transporter 10 EPA ID: | Not reported |
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| Date Trans2 Transported Waste: | Not reported |
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| Date Trans4 Transported Waste: | Not reported |
| Date Trans5 Transported Waste: | Not reported |
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**MERIT OIL CORP (Continued)**

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Date Trans1 Transported Waste: 02/09/2006  
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Date Trans5 Transported Waste: Not reported  
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Date TSD1 Received Waste: 02/09/2006  
TSDF EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
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Reason Load Was Rejected: Not reported  
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EPA ID: NYD982185928  
Date Shipped: 10/31/2008  
TSDF EPA ID: NJD991291105  
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GRAND CONCOURSE PETROLEUM, LLC (Continued)

Modified By: MXLAY
Date Last Modified: 2016-10-28

Site Id: 22095
Affiliation Type: Facility Owner
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 555 S. COLUMBUS AVE., SUITE 201
Address2: Not reported
City: MOUNT VERNON
State: NY
Zip Code: 10550
Country Code: 001
Phone: (914) 699-9500
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANC
Date Last Modified: 2016-11-21

Site Id: 22095
Affiliation Type: Mail Contact
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: MEMBER
Contact Name: JIMMY KOCHISARI
Address1: 555 S. COLUMBUS AVE., SUITE 201
Address2: Not reported
City: MOUNT VERNON
State: NY
Zip Code: 10550
Country Code: 001
Phone: (914) 699-9500
EMail: JIMMY@ATLANTISMGMT.COM
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-10-28

Site Id: 22095
Affiliation Type: Emergency Contact
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: Not reported
Contact Name: JIMMY KOCHISARI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 699-9500
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-10-28

Tank Info:

Tank Number: 001
GRAND CONCOURSE PETROLEUM, LLC (Continued)  U003107160

Tank ID: 41289
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1990
Date Tank Closed: 12/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C00 - Pipe Location - No Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well

Tank Number: 002
Tank ID: 41290
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1990
Date Tank Closed: 12/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 19
Date Test: 02/07/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C00 - Pipe Location - No Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
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**MAP FINDINGS**

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**GRAND CONCOURSE PETROLEUM, LLC** (Continued)

- **Tank Number:** 003
- **Tank ID:** 41291
- **Tank Status:** Closed - Removed
- **Material Name:** Closed - Removed
- **Capacity Gallons:** 4000
- **Install Date:** 12/01/1990
- **Date Tank Closed:** 12/01/2001
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Steel/carbon steel
- **Material Code:** 0009
- **Common Name of Substance:** Gasoline
- **Tightness Test Method:** 19
- **Date Test:** 02/07/2001
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** TRANSLAT
- **Last Modified:** 03/04/2004

**Equipment Records:**

- **A00** - Tank Internal Protection - None
- **D01** - Pipe Type - Steel/Carbon Steel/Iron
- **F00** - Pipe External Protection - None
- **H04** - Tank Leak Detection - Groundwater Well
- **C00** - Pipe Location - No Piping
- **G04** - Tank Secondary Containment - Double-Walled (Underground)
- **I04** - Overfill - Product Level Gauge (A/G)
- **B02** - Tank External Protection - Original Sacrificial Anode
- **J01** - Dispenser - Pressurized Dispenser

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<th>Material Name</th>
<th>Capacity Gallons</th>
<th>Install Date</th>
<th>Date Tank Closed</th>
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- **Tightness Test Method:** 19
- **Date Test:** 02/07/2001
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** TRANSLAT
- **Last Modified:** 03/04/2004

**Equipment Records:**
GRAND CONCOURSE PETROLEUM, LLC (Continued)

| Tank Number:          | 005          |
| Tank ID:              | 41293        |
| Tank Status:          | Closed - Removed |
| Material Name:        | Closed - Removed |
| Capacity Gallons:     | 4000         |
| Install Date:         | 12/01/1990   |
| Date Tank Closed:     | 12/01/2001   |
| Registered:           | True         |
| Tank Location:        | Underground  |
| Tank Type:            | Steel/carbon steel |
| Material Code:        | 0009         |
| Common Name of Substance: | Gasoline |
| Tightness Test Method:| 19           |
| Date Test:            | 02/07/2001   |
| Next Test Date:       | Not reported |
| Pipe Model:           | Not reported |
| Modified By:          | TRANSLAT     |
| Last Modified:        | 03/04/2004   |

Equipment Records:

- D01 - Pipe Type - Steel/Carbon Steel/Iron
- C00 - Pipe Location - No Piping
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- I04 - Overfill - Product Level Gauge (A/G)
- A00 - Tank Internal Protection - None
- F00 - Pipe External Protection - None
- H04 - Tank Leak Detection - Groundwater Well
- B02 - Tank External Protection - Original Sacrificial Anode
- J01 - Dispenser - Pressurized Dispenser

| Tank Number:          | 1            |
| Tank ID:              | 62366        |
| Tank Status:          | In Service   |
| Material Name:        | In Service   |
| Capacity Gallons:     | 12000        |
| Install Date:         | 12/01/2001   |
| Date Tank Closed:     | Not reported |
| Registered:           | True         |
| Tank Location:        | Underground  |
| Tank Type:            | Equivalent technology |
| Material Code:        | 2712         |
| Common Name of Substance: | Gasoline/Ethanol |
| Tightness Test Method:| 14           |
| Date Test:            | 07/08/2005   |
Map ID: DAFRANCI
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Database(s): Not reported
EDR ID Number: U003107160
EPA ID Number: Not reported

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Equipment Records:

- B04 - Tank External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- C02 - Pipe Location - Underground/On-ground
- I02 - Overfill - High Level Alarm
- I03 - Overfill - Automatic Shut-Off
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- K01 - Spill Prevention - Catch Basin
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- J01 - Dispenser - Pressurized Dispenser
- D11 - Pipe Type - Flexible Piping
- F00 - Pipe External Protection - None
- H05 - Tank Leak Detection - In-Tank System (ATG)

Equipment Records (Continued):

- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- C02 - Pipe Location - Underground/On-ground
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- I02 - Overfill - High Level Alarm
- I03 - Overfill - Automatic Shut-Off
- J01 - Dispenser - Pressurized Dispenser
- K01 - Spill Prevention - Catch Basin
- B04 - Tank External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- D11 - Pipe Type - Flexible Piping
- F00 - Pipe External Protection - None

Tank Number: 2
Tank ID: 62367
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 12/01/2001
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 14
Date Test: 07/08/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 12/01/2016
GRAND CONCOURSE PETROLEUM, LLC (Continued)  U003107160

Tank Number: 3
Tank ID: 62368
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 12/01/2001
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 14
Date Test: 07/08/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFFRANCI
Last Modified: 12/01/2016

Equipment Records:
K01 - Spill Prevention - Catch Basin
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
I03 - Overfill - Automatic Shut-Off
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J01 - Dispenser - Pressurized Dispenser
D11 - Pipe Type - Flexible Piping
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

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### MAP FINDINGS

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**KLINTEL SERVICE STATION I (Continued)**

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<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Spill Notifier</td>
<td>Commercial/Industrial</td>
</tr>
<tr>
<td>Spill Cause</td>
<td>Equipment Failure</td>
</tr>
<tr>
<td>Spill Class</td>
<td>Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.</td>
</tr>
<tr>
<td>SWIS</td>
<td>0301</td>
</tr>
<tr>
<td>Investigator</td>
<td>JHOCONNE</td>
</tr>
<tr>
<td>Referred To</td>
<td>Not reported</td>
</tr>
<tr>
<td>Reported to Dept</td>
<td>2004-12-29</td>
</tr>
<tr>
<td>CID</td>
<td>408</td>
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<tr>
<td>Water Affected</td>
<td>Not reported</td>
</tr>
<tr>
<td>Spill Source</td>
<td>Commercial/Industrial</td>
</tr>
<tr>
<td>Spill Notifier</td>
<td>Responsible Party</td>
</tr>
<tr>
<td>Cleanup Ceased</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cleanup Meets Std</td>
<td>False</td>
</tr>
<tr>
<td>Last Inspection</td>
<td>Not reported</td>
</tr>
<tr>
<td>Recommended Penalty</td>
<td>False</td>
</tr>
<tr>
<td>UST Trust</td>
<td>False</td>
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<tr>
<td>Remediation Phase</td>
<td>0</td>
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<tr>
<td>Date Entered In Computer</td>
<td>2004-12-29</td>
</tr>
<tr>
<td>Spill Record Last Update</td>
<td>2005-12-27</td>
</tr>
<tr>
<td>Spiller Name</td>
<td>ERT DESK</td>
</tr>
<tr>
<td>Spiller Company</td>
<td>CON EDISON</td>
</tr>
<tr>
<td>Spiller Address</td>
<td>Not reported</td>
</tr>
<tr>
<td>Spiller City,St,Zip</td>
<td>ZZ</td>
</tr>
<tr>
<td>Spiller Company</td>
<td>001</td>
</tr>
</tbody>
</table>
MANHOLE #3861 (Continued)

Contact Name: ERT DESK
Contact Phone: (212) 580-8383
DEC Memo: "156726: 29-Dec-2004 10:45 hrs. Bx/West Sr. Engineering Tech. G. Graci # 42890 reported finding oil saturated arc-proofing and oil on the support rack arm of a cable joint on feeder 2X23 while conducting an inspection in manhole 3861 at E/S of Exterior St. 250 ' S/O E. 140 St. Bx. There was/is no sewers, waterways or private property affected. The crew hung an Environmental tag # 38348 and a D-Fault tag # 03421 but were unable to take an oil sample at this time.

Cleanup pending feeder outage. This manhole is situated in a traffic lane and will require a back-up vehicle. 30-Dec-2004 11:00 hrs.

Bx/West UG. Operating Supervisor D. Scarambolo # 87659 reported that he took an oil sample from above the manhole and is sending it to the Astoria chemlab for analysis on COC# DD 21141. Cleanup pending feeder outage. 30-DEC-04 PCBs < 1.0 ppm 11-Feb-2005 15:00hrs. Bx/West Environmental Flush Mechanic R. Budhoo # 82277 reported that the hole was double washed and rinsed. The CFS tanker removed 150 gallons of liquid and the Flush Truck removed ~ 500 Lbs. of solids. The underground department are on location to remove the defective cable joint. Environmental tag # 38348 has been removed. CLEANUP COMPLETE.

08-Mar-2005 11:22hrs. (update) All work completed on 2-11-2005 3c600 joint. Environmental tag # 38348 has been removed. CLEANUP COMPLETE.

Remarks: "ONE OUNZE OF MATERIAL SPILLED AND CLEAN UP IS PENDING. NO TO 5 QUESTIONS. CON ED#156726"

Material:

Site ID: 335712
Operable Unit ID: 1097773
Operable Unit: 01
Material ID: 577832
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxyginate: Not reported

Tank Test:

08DCP071XCeqr Number:
Not reported
Satisfaction Date:
6/30/2009
Effective Date:
E-227
Tax Lot(s):
49
Tax Block:
2345
Borough Code:
BX
E-No:
S109942629
NY E DESIGNATION
BRONX, NY 10451
Lot 49, Tax Block 2345
349 GRAND CONCOURSE
< 1/8 0.115 mi.
606 ft.
Site 6 of 16 in cluster J
Relative:
Higher
Actual:
30 ft.
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
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</table>

### LOT 49, TAXBLOCK 2345 (Continued)

<table>
<thead>
<tr>
<th>Ulurp Number:</th>
<th>Zoning Map No:</th>
<th>Description:</th>
<th>Lot Remediation Date:</th>
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<tbody>
<tr>
<td>090303ZMX</td>
<td>6a</td>
<td>Window Wall Attenuation &amp; Alternate Ventilation</td>
<td>Not reported</td>
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<table>
<thead>
<tr>
<th>Description:</th>
<th>Lot Remediation Date:</th>
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</thead>
<tbody>
<tr>
<td>Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems</td>
<td>Not reported</td>
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</table>

<table>
<thead>
<tr>
<th>Description:</th>
<th>Lot Remediation Date:</th>
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</thead>
<tbody>
<tr>
<td>Exhaust stack location limitations</td>
<td>Not reported</td>
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<table>
<thead>
<tr>
<th>Description:</th>
<th>Lot Remediation Date:</th>
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</thead>
<tbody>
<tr>
<td>Hazardous Materials* Phase I and Phase II Testing Protocol</td>
<td>Not reported</td>
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### J99 WALTON AVE-138 & 140TH ST BRONX, NY

<table>
<thead>
<tr>
<th>South</th>
<th>NY Spills</th>
<th>S102148505</th>
</tr>
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<tbody>
<tr>
<td>&lt; 1/8</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>0.116 mi.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>610 ft.</td>
<td></td>
<td></td>
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</tbody>
</table>

Site 7 of 16 in cluster J

#### SPILLS:

| Facility ID: | Facility Type: | DER Facility ID: | Site ID: | DEC Region: | Spill Date: | Spill Number/Closed Date: | Spill Cause: | Spill Class: | SWIS: | Investigator: | Referred To: | Reported to Dept: | CID: | Water Affected: | Spill Source: | Spill Notifier: | Cleanup Ceased: | Cleanup Meets Std: | Last Inspection: | Recommended Penalty: | UST Trust: | Remediation Phase: | Date Entered In Computer: | Spill Record Last Update: | Spiller Name: | Spiller Company: | Spiller Address: | Spiller City, St, Zip: | Spiller Company: | Contact Name: | Contact Phone: | DEC Memo: | Remarks: |
|--------------|----------------|------------------|----------|-------------|-------------|--------------------------|--------------|-------------|-------|----------------|-------------|---------------------|-----|----------------|-------------|----------------|----------------|----------------|----------------|-------------------|----------------|-----------------|----------------|----------------|----------------------|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 9405257      | ER             | 111771           | 129666   | 2           | 1994-07-18   | 9405257 / 1994-07-18   | Abandoned Drums | No spill occurred. (Not Possible) | 0301 | SMMARTIN      | Not reported | 1994-07-18         |     | Not reported   |             | Unknown        | 1994-07-18     | True            | Not reported   | False            | False          | 0                | 1994-10-06        | 2004-09-30        | Not reported | UNKNOWN        | Not reported      | NY               | 999               | Not reported | Not reported | "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT " | "DRUM NOT WORKING & HAZMAT WAS NOTIFIED. REFERRED TO DEP" |
WALTON AVE-138 & 140TH ST (Continued)

Material:
- Site ID: 129666
- Operable Unit ID: 1002454
- Operable Unit: 01
- Material ID: 381850
- Material Code: 0066A
- Material Name: unknown petroleum
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: 55.00
- Units: Gallons
- Recovered: .00
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:

J100 LOT 5, TAXBLOCK 2345
334 WALTON AVENUE
BRONX, NY 10451

Site 8 of 16 in cluster J

Relative: Higher
Actual: 31 ft.

Tax Lot(s): 5
Tax Block: 2345
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported
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<th>Site Elevation</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
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<tbody>
<tr>
<td>J101</td>
<td>642 ft.</td>
<td>Site 9 of 16 in cluster J</td>
<td>141ST ST &amp; GRAND CONCOURSE</td>
<td>NY Spills</td>
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</table>

**Map Findings**

- **Direction**: SSE
- **Distance**: < 1/8 mi.
- **Distance Relative**: 0.122 mi.
- **Distance Actual**: 642 ft.

### Spills

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<tr>
<th>Spill Class</th>
<th>Spill Cause</th>
<th>Spill Number/Closed Date</th>
<th>Spill Date</th>
<th>Spill Source</th>
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<tbody>
<tr>
<td>Unknown</td>
<td>8807934</td>
<td>1989-01-01</td>
<td>Gasoline Station or other PBS Facility</td>
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</table>

### Remediation

- **Date Entered In Computer**: 1989-01-11
- **Spill Record Last Update**: 1989-01-11
- **Remediation Phase**: False
- **UST Trust**: False
- **Clean Up Ceased**: 1989-01-01
- **Last Inspection**: Not reported
- **Recommended Penalty**: False
- **Water Affected**: Not reported
- **Spill Notifier**: Gasoline Station or other PBS Facility
- **Spiller Name**: Not reported
- **Spiller Company**: UNKNOWN
- **Spiller Address**: Not reported
- **Spiller City,St,Zip**: NY
- **Spiller Company**: 999
- **Contact Name**: Not reported
- **Contact Phone**: Not reported
- **DEC Memo**: "NYCFD WATERED & FOAMED DOWN SPILL, NO ACTION REQUIRED BY DEC."

### Material

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Operable Unit ID</th>
<th>Operable Unit</th>
<th>Material ID</th>
<th>Material Code</th>
<th>Material Name</th>
<th>Case No.</th>
<th>Material FA</th>
<th>Quantity</th>
<th>Units</th>
<th>Recovered</th>
<th>Resource Affected</th>
<th>Oxygenate</th>
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<tbody>
<tr>
<td>114893</td>
<td>923419</td>
<td>01</td>
<td>452709</td>
<td>0009</td>
<td>gasoline</td>
<td>Not reported</td>
<td>Petroleum</td>
<td>-1.00</td>
<td>Not reported</td>
<td>Not reported</td>
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**Remarks**: "NYCFD WATERED & FOAMED DOWN SPILL, NO ACTION REQUIRED BY DEC."
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<th>Site ID</th>
<th>29764</th>
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<tbody>
<tr>
<td>Affiliation Type</td>
<td>Mail Contact</td>
<td>Mail Contact</td>
<td>Mail Contact</td>
</tr>
<tr>
<td>Company Name</td>
<td>EAGLE AUTO REPAIR CORP</td>
<td>EAGLE AUTO REPAIR CORP</td>
<td>EAGLE AUTO REPAIR CORP</td>
</tr>
<tr>
<td>Contact Type</td>
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<td>Not reported</td>
<td>Not reported</td>
</tr>
<tr>
<td>Contact Name</td>
<td>ISREAL GONEN</td>
<td>ISREAL GONEN</td>
<td>ISREAL GONEN</td>
</tr>
<tr>
<td>Address1</td>
<td>341 GRAND CONCOURSE</td>
<td>341 GRAND CONCOURSE</td>
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<tr>
<td>Address2</td>
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<td>Not reported</td>
<td>Not reported</td>
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<tr>
<td>Phone</td>
<td>(718) 742-0114</td>
<td>(718) 742-0114</td>
<td>(718) 742-0114</td>
</tr>
<tr>
<td>EMail</td>
<td>Not reported</td>
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<td>Not reported</td>
</tr>
<tr>
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<td>Not reported</td>
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<tr>
<td>Modified By</td>
<td>NRLOMBAR</td>
<td>NRLOMBAR</td>
<td>NRLOMBAR</td>
</tr>
<tr>
<td>Date Last Modified</td>
<td>2007-03-30</td>
<td>2007-03-30</td>
<td>2007-03-30</td>
</tr>
</tbody>
</table>

Relative: Higher
Actual: 29 ft.
AST:
AST Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-607912
Program Type: PBS
UTM X: 590338.76521
UTM Y: 4518810.81806
Expiration Date: 07/08/2012
Site Type: Other

Affiliation Records:
Site Id: 29764
Affiliation Type: Facility Owner
Company Name: EAGLE AUTO REPAIR CORP
Contact Type: OWNER/MANAGER
Contact Name: ISREAL GONEN
Address1: 341 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0114
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-04-20

Site Id: 29764
Affiliation Type: Mail Contact
Company Name: EAGLE AUTO REPAIR CORP
Contact Type: Not reported
Contact Name: ISREAL GONEN
Address1: 341 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0114
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-03-30
## EAGLE AUTO REPAIR CORP (Continued)

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<tr>
<td>Phone:</td>
<td>(718) 742-0114</td>
</tr>
<tr>
<td>EMail:</td>
<td>Not reported</td>
</tr>
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<td>Fax Number:</td>
<td>Not reported</td>
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<tr>
<td>Modified By:</td>
<td>TRANSLAT</td>
</tr>
<tr>
<td>Date Last Modified:</td>
<td>2004-03-04</td>
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**Site Id:** 29764  
**Affiliation Type:** Emergency Contact  
**Company Name:** EAGLE AUTO REPAIR CORP  
**Contact Type:** Not reported  
**Contact Name:** ISREAL GONEN  
**Address1:** Not reported  
**Address2:** Not reported  
**City:** Not reported  
**State:** NN  
**Zip Code:** Not reported  
**Country Code:** 001  
**Phone:** (718) 742-0114  
**EMail:** Not reported  
**Fax Number:** Not reported  
**Modified By:** TRANSLAT  
**Date Last Modified:** 2004-03-04

### Tank Info:

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<th>Tank Number:</th>
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<tbody>
<tr>
<td>Tank Id:</td>
<td>63822</td>
</tr>
<tr>
<td>Material Code:</td>
<td>0022</td>
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<tr>
<td>Common Name of Substance:</td>
<td>Waste Oil/Used Oil</td>
</tr>
</tbody>
</table>

### Equipment Records:

| L00 - Piping Leak Detection - None  |
| I00 - Overfill - None               |
| A00 - Tank Internal Protection - None|
| K00 - Spill Prevention - None       |
| D00 - Pipe Type - No Piping         |
| E00 - Piping Secondary Containment - None |
| G10 - Tank Secondary Containment - Impervious Underlayment |
| H00 - Tank Leak Detection - None    |
| C00 - Pipe Location - No Piping    |
| J00 - Dispenser - None             |
| F00 - Pipe External Protection - None|
| B00 - Tank External Protection - None|

<table>
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<tr>
<th>Tank Location:</th>
<th>3</th>
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<tbody>
<tr>
<td>Tank Type:</td>
<td>Steel/Carbon Steel/Iron</td>
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<tr>
<td>Tank Status:</td>
<td>In Service</td>
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<tr>
<td>Pipe Model:</td>
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<td>Install Date:</td>
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<td>Capacity Gallons:</td>
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<td>Tightness Test Method:</td>
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### EAGLE AUTO REPAIR CORP (Continued)

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<td>General Automotive Repair Shops</td>
</tr>
<tr>
<td>2010</td>
<td>EAGLE AUTO REPAIR</td>
<td>General Automotive Repair Shops</td>
</tr>
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<td>EAGLE AUTO REPAIR</td>
<td>General Automotive Repair Shops</td>
</tr>
<tr>
<td>2014</td>
<td>EAGLE AUTO REPAIR</td>
<td>General Automotive Repair Shops</td>
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</tbody>
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**Register:** True  **Modified By:** NRLOMBAR  **Last Modified:** 04/20/2007  **Material Name:** Not reported
### Map Findings

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>M104</td>
<td>North</td>
<td>&lt; 1/8</td>
<td>655 ft.</td>
<td>Site 3 of 9 in cluster M</td>
<td>EDESIGNATION</td>
<td>S109942371</td>
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<tr>
<td></td>
<td>&lt; 1/8</td>
<td>0.124 mi.</td>
<td>655 ft.</td>
<td>M104</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Lot Remediation Date:** Not reported

**Description:**

- Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
- Exhaust stack location limitations
- Hazardous Materials* Phase I and Phase II Testing Protocol

### Handler Activities Summary:

- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No

---

**E Designation:**

- **Lot(s):** 25
- **Tax Block:** 2351
- **Borough Code:** BX
- **E-No.:** E-227
- **Effective Date:** 6/30/2009
- **Satisfaction Date:** Not reported
- **Ceqr Number:** 08DCP071X
- **Ulurp Number:** 090303ZMX
- **Zoning Map No:** 6a

**Description:**

- **Lot Remediation Date:** Not reported

---

**I105**

<table>
<thead>
<tr>
<th>Site</th>
<th>Address</th>
<th>RCRA NonGen / NLR</th>
<th>EPA ID</th>
<th>Mailing Address</th>
<th>Contact</th>
<th>Contact Telephone</th>
<th>Contact Email</th>
<th>Contact Country</th>
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<tbody>
<tr>
<td>Site 6 of 8 in cluster I</td>
<td>CON EDISON MANHOLE 4492</td>
<td>RCRA NonGen / NLR</td>
<td>1014926778</td>
<td>NYP004245635</td>
<td>CHRYSTAL BLAICH</td>
<td>(914) 925-6219</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**Date form received by agency:** 01/17/2012

**Facility name:** CON EDISON MANHOLE 4492

**Facility address:** GERARD AVE & E 140TH ST BRONX, NY 10451

**EPA ID:** NYP004245635

**Mailing address:** 4 IRVING PL, RM 828 NEW YORK, NY 10003

**Contact:** CHRYSTAL BLAICH

**Contact address:** Not reported

**Contact telephone:** (914) 925-6219

**Contact email:** Not reported

**EPA Region:** 02

**Classification:** Non-Generator

**Description:** Handler: Non-Generators do not presently generate hazardous waste
CON EDISON MANHOLE 4492 (Continued) 1014926778

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/18/2011
Site name: CON EDISON MANHOLE 4492
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP004245635
Facility Status: Not reported
Location Address 1: GERALD AVE & E140 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004245635
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
Mailing Address 1: 4 IRVING PLACE ROOM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: MAD039322250
Trans2 State ID: MAD039322250
Generator Ship Date: 12/19/2011
Trans1 Recv Date: 12/19/2011
Trans2 Recv Date: 12/20/2011
TSD Site Recv Date: 12/20/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004245635
Trans1 EPA ID: Not reported
### CON EDISON MANHOLE 4492 (Continued)

- Trans2 EPA ID: Not reported
- TSDF ID 1: NJD991291105
- TSDF ID 2: Not reported
- Manifest Tracking Number: 003949143FLE
- Import Indicator: N
- Export Indicator: N
- Discr Quantity Indicator: N
- Discr Type Indicator: N
- Discr Residue Indicator: N
- Discr Partial Reject Indicator: N
- Discr Full Reject Indicator: N
- Manifest Ref Number: Not reported
- Alt Facility RCRA ID: Not reported
- Alt Facility Sign Date: Not reported
- MGMT Method Type Code: H141
- Waste Code: Not reported
- Waste Code: Not reported
- Waste Code: Not reported
- Waste Code: Not reported
- Waste Code: Not reported
- Waste Code: Not reported
- Quantity: 1000.0
- Units: P - Pounds
- Number of Containers: 1.0
- Container Type: TT - Cargo tank, tank trucks
- Handling Method: L Landfill.
- Specific Gravity: 1.0
- Waste Code: D008
- Waste Code 1_2: Not reported
- Waste Code 1_3: Not reported
- Waste Code 1_4: Not reported
- Waste Code 1_5: Not reported
- Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
CON EDISON MANHOLE 4492  (Continued)  1014926778

Manifest Number:  003949143FLE
EPA ID:  NY004245635
Date Shipped:  12/19/2011
TSDF EPA ID:  NJD991291105
Transporter EPA ID:  MAD039322250
Transporter 2 EPA ID:  Not reported
Transporter 3 EPA ID:  Not reported
Transporter 4 EPA ID:  Not reported
Transporter 5 EPA ID:  Not reported
Transporter 6 EPA ID:  Not reported
Transporter 7 EPA ID:  Not reported
Transporter 8 EPA ID:  Not reported
Transporter 9 EPA ID:  Not reported
Transporter 10 EPA ID:  Not reported
Date Trans1 Transported Waste:  Not reported
Date Trans2 Transported Waste:  Not reported
Date Trans3 Transported Waste:  Not reported
Date Trans4 Transported Waste:  Not reported
Date Trans5 Transported Waste:  Not reported
Date Trans6 Transported Waste:  Not reported
Date Trans7 Transported Waste:  Not reported
Date Trans8 Transported Waste:  Not reported
Date Trans9 Transported Waste:  Not reported
Date Trans10 Transported Waste:  Not reported
Date TSDF Received Waste:  Not reported
TSDF EPA Facility Name:  Not reported
QTY Units:  Not reported
Transporter SEQ ID:  Not reported
Transporter-1 Date:  Not reported
Waste SEQ ID:  Not reported
Waste Type Code 2:  Not reported
Waste Type Code 3:  Not reported
Waste Type Code 4:  Not reported
Waste Type Code 5:  Not reported
Waste Type Code 6:  Not reported
Date Accepted:  Not reported
Manifest Discrepancy Type:  Not reported
Data Entry Number:  Not reported
Was Load Rejected:  NEW YORK, NY 10003
Reason Load Was Rejected:  Not reported

Waste:
Manifest Year:  Not reported
Waste Code:  D008
Hand Code:  H141
Quantity:  1,000.00 Pounds
**SPILLS:**

- **Site:** 7 of 8 in cluster I
- **Material FA:** Not reported
- **Case No.:** 500046
- **Material Code:** 9999
- **Material ID:** Not reported
- **Operable Unit:** 878931
- **Operable Unit ID:** 225922
- **Site ID:** 2004-01-03
- **CID:** 27
- **Spill Date:** 2004-01-02
- **Spill Number/Closed Date:** 0311223 / 2004-03-10
- **Spill Cause:** Equipment Failure
- **Spill Class:** Known release with minimal potential for fire or hazard. DEC Response.
- **Remediation Phase:** False
- **UST Trust:** False
- **Reported to Dept.:** 2004-01-03
- **Spill Source:** Commercial/Industrial
- **Willing Responsible Party. Corrective action taken.**
- **Local Agency:** Not reported
- **Spiller Company:** ZZ
- **Spiller Name:** Not reported
- **Spiller City,St,Zip:** ***Update***
- **Spiller Address:** Not reported
- **Spill Date:** 2004-01-03
- **Date Entered In Computer:** 2004-01-03
- **Spill Record Last Update:** 2004-03-10
- **DEC Memo:**
  
  "e2mis no. 151591: 02-JAN-04 @ 19:15 HRS. FOD JAMES CUCINELLO #20328
  FOUND HALF PINT INSULATUM ON FLOOR OF MANHOLE FROM A FAULT ON FDR.
  2X23. SAMPLE TAKEN. Lab Sequence Number: 04-00024-001 PGB <1 ppm
  1/3/04 Underground Environmental Mechanic 'A' Orlando Negron, #18400
  reports an unsupported M joint in the center of the manhole
  prohibiting further clean up. 1/4/04 CFS tanker took 30 gallons of
  water and 400 lbs. solids. Manhole was double washed and rinsed. The
  leaking joints had been removed from the mh."

  **Remarks:**
  "1/2 pint of insulatum was spilled from a wire cable. Cleanup will be
done by Con Ed crews. It is not complete as of yet."

**Material:**

- **Site ID:** 225922
- **Operable Unit ID:** 878931
- **Operable Unit:** 01
- **Material ID:** 500046
- **Material Code:** 9999
- **Material Name:** Other
- **Case No.:** Not reported
- **Material FA:** Other

**DEC Region:** 225922

**ER Facility Type:** NY Spills

**DER Facility ID:** S106125119

**EPA ID Number:** N/A

**Site:** 7 of 8 in cluster I

**Relative:**

- **Lower**

**Actual:**

- **16 ft.**

**Distance:** 0.124 mi.

**Elevation:** 655 ft.

**Direction:** SSW

**Map ID:** 1106

**Site:** JERARD AVE/E 140TH ST

**BRONX, NY**
MANHOLE #4492 (Continued)

Quantity: 1.00
Units: Gallons
Recovered: 0.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

I107  CON EDISON MANHOLE: 23262
SW   291 EXTERIOR ST
< 1/8 BRONX, NY 10451
0.124 mi.
655 ft.

Site 8 of 8 in cluster I

Relative: Lower
Actual: 9 ft.

RCRA-CESQG: Date form received by agency: 01/08/2013
Facility name: CON EDISON MANHOLE: 23262
Facility address: 291 EXTERIOR ST
BRONX, NY 10451
EPA ID: NYP004282141
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: CHRISTOPHER BLAICH
Contact address: Not reported
Contact: Not reported
Contact country: Not reported
Contact telephone: (914) 925-6219
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
CON EDISON MANHOLE: 23262 (Continued)  

User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No  

Violation Status: No violations found  

FINDS:  
Registry ID: 110055430494  

Environmental Interest/Information System  
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.  

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.  

ECHO:  
Envid: 1016149549  
Registry ID: 110055430494  
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110055430494  

NY MANIFEST:  
Country: USA  
EPA ID: NYP004282141  
Facility Status: Not reported  
Location Address 1: 291 EXTERIOR ST  
Code: BP  
Location Address 2: MH 23262  
Total Tanks: Not reported  
Location City: BRONX  
Location State: NY  
Location Zip: Not reported  
Location Zip 4: Not reported  

NY MANIFEST:  
EPAID: NYP004282141  
Mailing Name: CON EDISON  
Mailing Contact: CON EDISON  
Mailing Address 1: 4 IRVING PL 15TH FL  
Mailing Address 2: Not reported  
Mailing City: NEW YORK  
Mailing State: NY  
Mailing Zip: 10003  
Mailing Zip 4: Not reported  
Mailing Country: USA  
Mailing Phone: 2124603770  

NY MANIFEST:  
Document ID: Not reported
CON EDISON MANHOLE: 23262 (Continued)

Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/08/2013
Trans1 Recv Date: 01/08/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/09/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004282141
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010408901JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 900
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
MAP FINDINGS

J108  CON EDISON  RCRA NonGen / NLR  1014398691
South  E 140TH ST & WALTON AVE  NYP004210480
< 1/8  BRONX, NY  10451  Site 12 of 16 in cluster J
0.125 mi.  Relative:  Actual:  31 ft.
658 ft.  Higher  Site 12 of 16 in cluster J

RCRA NonGen / NLR:
Date form received by agency: 07/04/2010
Facility name: CON EDISON
Facility address: E 140TH ST & WALTON AVE
BRONX, NY 10451
EPA ID: NYP004210480
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: DENNIS MICHAELIDES
Contact address: Not reported
Contact country: Not reported
Contact telephone: (718) 204-4297
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

J109  CON EDISON TRANSFORMER MANHOLE 647  RCRA NonGen / NLR  1014917980
South  WALTON AVE & E 140TH ST E SIDE  NJ MANIFEST  NYP004215638
< 1/8  BRONX, NY  10451  Site 13 of 16 in cluster J
0.125 mi.  Relative:  Actual:  31 ft.
658 ft.  Higher  Site 13 of 16 in cluster J

RCRA NonGen / NLR:
Date form received by agency: 10/15/2010
Facility name: CON EDISON TRANSFORMER MANHOLE 647
Facility address: WALTON AVE & E 140TH ST E SIDE
26 FEET S OF
BRONX, NY 10451
EPA ID: NYP004215638
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: CHRISTOPHER BLAICH
Contact address: Not reported
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Transporter EPA ID:</td>
<td>NYD006982359</td>
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<tr>
<td>Transporter 2 EPA ID:</td>
<td>Not reported</td>
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<tr>
<td>Date Shipped:</td>
<td>09/15/2010</td>
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<tr>
<td>Manifest Number:</td>
<td>001086054GBF</td>
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**Handler Activities Summary:**
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

**Historical Generators:**
- Date form received by agency: 09/15/2010
- Site name: CON EDISON TRANSFORMER MANHOLE 647
- Classification: Conditionally Exempt Small Quantity Generator

**Violation Status:** No violations found
CON EDISON TRANSFORMER MANHOLE 647 (Continued)

Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 09/15/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 09/15/2010
TSD Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 500 P
CON EDISON MANHOLE 4506 (Continued)

Contact: DOMINIC BIZZARO
Contact address: Not reported
Contact country: Not reported
Contact telephone: (914) 925-6219
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 12/03/2010
Site name: CON EDISON MANHOLE 4506
Classification: Conditionally Exempt Small Quantity Generator
Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP004221099
Facility Status: Not reported
Location Address 1: E 149 ST & GERARD AVE
Code: BP
Location Address 2: MH 4506
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004221099
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVINGPLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
### NY MANIFEST:
- **Document ID:** Not reported
- **Manifest Status:** Not reported
- **seq:** Not reported
- **Year:** 2010
- **Trans1 State ID:** NYD006982359
- **Trans2 State ID:** Not reported
- **Generator Ship Date:** 12/03/2010
- **Trans1 Recv Date:** 12/03/2010
- **Trans2 Recv Date:** Not reported
- **TSD Site Recv Date:** 12/06/2010
- **Part A Recv Date:** Not reported
- **Part B Recv Date:** Not reported
- **Generator EPA ID:** NY004221099
- **Trans1 EPA ID:** Not reported
- **Trans2 EPA ID:** Not reported
- **TSDF ID 1:** NJD002200046
- **TSDF ID 2:** Not reported
- **Manifest Tracking Number:** 001057839GBF
- **Import Indicator:** N
- **Export Indicator:** N
- **Discr Quantity Indicator:** N
- **Discr Type Indicator:** Y
- **Discr Residue Indicator:** N
- **Discr Partial Reject Indicator:** N
- **Discr Full Reject Indicator:** N
- **Manifest Ref Number:** Not reported
- **Alt Facility RCRA ID:** Not reported
- **Alt Facility Sign Date:** Not reported
- **MGMT Method Type Code:** H111
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Quantity:** 300.0
- **Units:** P - Pounds
- **Number of Containers:** 1.0
- **Container Type:** TT - Cargo tank, tank trucks
- **Handling Method:** T Chemical, physical, or biological treatment.
- **Specific Gravity:** 1.0
- **Waste Code:** D008
- **Waste Code 1_2:** Not reported
- **Waste Code 1_3:** Not reported
- **Waste Code 1_4:** Not reported
- **Waste Code 1_5:** Not reported
- **Waste Code 1_6:** Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
CON EDISON MANHOLE 4506 (Continued)

NJ MANIFEST:

EPA Id: NYP004221099
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: DOMINIC BIZZARO
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001057839GBF
EPA ID: NYP004221099
Date Shipped: 12/03/2010
TSDF EPA ID: NJD002200046
Transporter SEQ ID: NYD006982359
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 12/03/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 12/06/2010
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
CON EDISON MANHOLE 4506 (Continued)  

Location: NEW YORK, NY 10003  
Was Load Rejected:  
Reason Load Was Rejected:  

Waste:
- Manifest Year: Not reported
- Waste Code: D008
- Hand Code: H111
- Quantity: 300 P

NY MANIFEST:  
Country: USA  
EPA ID: NYP000858126  
Facility Status: Not reported  
Location Address 1: 125 E 149TH ST  
Code: BP  
Location Address 2: Not reported  
Total Tanks: Not reported  
Location City: BRONX  
Location State: NY  
Location Zip: 10013  
Location Zip 4: Not reported  

NY MANIFEST:  
EPA ID: NYP000858126  
Mailing Name: MANHATTAN WEST 9  
Mailing Contact: MANHATTAN WEST 9  
Mailing Address 1: 125 EAST 149TH STREET  
Mailing Address 2: Not reported  
Mailing City: BRONX  
Mailing State: NY  
Mailing Zip: 10013  
Mailing Zip 4: Not reported  
Mailing Country: USA  
Mailing Phone: 2122927531  

NY MANIFEST:  
Document ID: NYA2073231  
Manifest Status: K  
seq: Not reported  
Year: 1986  
Trans1 State ID: 2A126  
Trans2 State ID: Not reported  
Generator Ship Date: 04/18/1986  
Trans1 Recv Date: 04/18/1986  
Trans2 Recv Date: 04/18/1986  
TSD Site Recv Date: 04/29/1986  
Part A Recv Date: 05/28/1986  
Part B Recv Date: 07/22/1986  
Generator EPA ID: NYP000858126
MANHATTAN WEST 9 (Continued)

Trans1 EPA ID: NYD980756753
Trans2 EPA ID: Not reported
TSDF ID 1: NYD981141872
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Disc Quantity Indicator: Not reported
Disc Type Indicator: Not reported
Disc Residue Indicator: Not reported
Disc Partial Reject Indicator: Not reported
Disc Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: X722 - WASTE OIL RES FM TANK CLEANING (NJ)
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00410
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

RCRA NonGen / NLR: 1000110327
ICIS: NYD981487069
FINDS: ECHO
NYC SANITATION
125 E 149TH ST
BRONX, NY 10451
01/01/2007
RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
NYC DEPT OF SANITATION
125 E 149TH ST
BRONX, NY 104515343
NYD981487069
58TH ST
WOODSIDE, NY 11377
Not reported
Not reported
US
Not reported
Not reported
02
Non-Generator
Handler: Non-Generators do not presently generate hazardous waste
### IGNITABLE WASTE

**Waste name:** D001  
**Waste code:** Not Defined

**Small Quantity Generator**

**Classification:** NYC DEPT OF SANITATION

**Site:** Not reported  
**Date form received by agency:** 05/14/1986  
**Operator Owner/Operator Type:** Private  
**Owner/Operator telephone:** (212) 555-1212  
**Owner/Operator country:** US

**User oil processor:** No  
**User oil refiner:** No  
**Used oil processor to burner:** No  
**Used oil Specification marketer:** No  
**Used oil transfer facility:** No  
**Used oil transporter:** No  

**Historical Generators:**

- **Date form received by agency:** 07/08/1999  
  **Site name:** NYC DEPT OF SANITATION  
  **Classification:** Not a generator, verified

- **Date form received by agency:** 01/01/2006  
  **Site name:** NYC DEPT OF SANITATION  
  **Classification:** Not a generator, verified

- **Date form received by agency:** 05/14/1986  
  **Site name:** NYC DEPT OF SANITATION  
  **Classification:** Small Quantity Generator

- **Extended Data Records:**
  - **Waste code:** D000  
    - **Waste name:** Not Defined
  - **Waste code:** D001  
    - **Waste name:** IGNITABLE WASTE
NYC SANITATION (Continued)

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYlic ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: X001
. Waste name: WASTE OILS

Violation Status: No violations found

ICIS:
Enforcement Action ID: 02-1991-0160
FRS ID: 110004405616
Action Name: NYC, REFUELING FACILITIES
Facility Name: NYC DEPT OF SANITATION
Facility Address: 125 E 149TH ST
BRONX, NY 104515343
Enforcement Action Type: Pre-Referral Negotiation
Facility County: BRONX
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: PRN
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.818934
Longitude in Decimal Degrees: -73.928615
Permit Type Desc: Not reported
Program System Acronym: 4671
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: NYC SANITATION
Address: 125 E 149TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: NYC SANITATION
Address: 125 E 149TH ST
Tribal Indicator: N
Fed Facility: No
NYC SANITATION (Continued)

NAIC Code: Not reported
SIC Code: Not reported

FINDS:

Registry ID: 110004405616

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA’s programs. The vision for ICIS is to replace EPA’s independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include: Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000110327
Registry ID: 110004405616
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004405616

N113 NNE 1/8-1/4 0.132 mi. 696 ft. Site 3 of 3 in cluster N

DSNY M DISTRICT 9 GARAGE
125 EAST 149TH STREET
BRONX, NY 10451

NY UST U001840249

UST:

Id/Status: 2-455660 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 12/06/2018
UTM X: 590340.75102
UTM Y: 4519226.13909
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id: 20053
| Affiliation Type   | On-Site Operator          | Company Name            | DSNY M DISTRICT 9 GARAGE | Contact Type | Not reported | Contact Name  | JOSEPH O&#39;KEEFE | Address1: | Not reported | Address2: | Not reported | City: | Not reported | State: | NN | Zip Code: | Not reported | Country Code: | 001 | Phone: | (718) 292-7532 | EMail: | Not reported | Fax Number: | Not reported | Modified By: | DAFRANC | Date Last Modified: | 2016-11-10 |
|-------------------|--------------------------|-------------------------|--------------------------|--------------|--------------|---------------|----------------|-----------|---------------|-----------|---------------|------|---------------|-------|----|-----------|---------------|----------------|------|--------|---------------|--------|---------------|-----------|---------------|-------------|-----------|----------------|---------|---------------------|----------|
| Site Id:          | 20053                    | Affiliation Type:       | Facility Owner           | Company Name| GERARD REALTY COMPANY | Contact Type | Not reported | Address1: | 112-20 14TH AVENUE | Address2: | Not reported | City: | COLLEGE POINT | State: | NY | Zip Code: | 11356          | Country Code: | 001 | Phone: | (718) 762-0001 | EMail: | Not reported | Fax Number: | Not reported | Modified By: | DAFRANC | Date Last Modified: | 2016-11-10 |
| Site Id:          | 20053                    | Affiliation Type:       | Emergency Contact        | Company Name| GERARD REALTY COMPANY | Contact Type | Not reported | Address1: | BUREAU OF CLEANING AND COLLECTION | Address2: | Not reported | City: | Not reported | State: | NN | Zip Code: | Not reported | Country Code: | 999 | Phone: | (646) 885-5051 | EMail: | Not reported | Fax Number: | Not reported | Modified By: | NRLOMBAR | Date Last Modified: | 2013-10-11 |
| Site Id:          | 20053                    | Affiliation Type:       | Mail Contact             | Company Name| NYC DEPT OF SANITATION | Contact Type | Not reported | Address1: | 125 WORTH STREET | Address2: | ROOM 823B | City: | Not reported | State: | Not reported | Zip Code: | Not reported | Country Code: | 001 | Phone: | Not reported | EMail: | Not reported | Fax Number: | Not reported | Modified By: | Not reported | Date Last Modified: | Not reported |
DSNY M DISTRICT 9 GARAGE (Continued)

City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (646) 885-4887
EMail: FSCARPACI@DSNY.NYC.GOV
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2016-11-29

Tank Info:

Tank Number: 001
Tank ID: 174057
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 04/01/2003
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: 0
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 11/18/2013

Equipment Records:

102 - Overfill - High Level Alarm
103 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
L09 - Piping Leak Detection - Exempt Suction Piping
F04 - Pipe External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
B09 - Tank External Protection - Urethane
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 001-A
Tank ID: 174069
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 12/01/1980
Date Tank Closed: 12/01/1998
Registered: True
DSNY M DISTRICT 9 GARAGE (Continued)

Tank Location: Underground
Tank Type: Steel/carbon steel
Common Name of Substance: Diesel
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004
Equipment Records:
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 36118
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1980
Date Tank Closed: 07/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004
Equipment Records:
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 003
Tank ID: 36119
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<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
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**DSNY M DISTRICT 9 GARAGE (Continued)**

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<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank Status</td>
<td>Closed - In Place</td>
</tr>
<tr>
<td>Material Name</td>
<td>Closed - In Place</td>
</tr>
<tr>
<td>Capacity Gallons</td>
<td>550</td>
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<tr>
<td>Install Date</td>
<td>12/01/1980</td>
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<tr>
<td>Date Tank Closed</td>
<td>07/01/1994</td>
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<tr>
<td>Registered</td>
<td>True</td>
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<tr>
<td>Tank Location</td>
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<td>Tank Type</td>
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<tr>
<td>Material Code</td>
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<td>Common Name of Substance</td>
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<td>Tightness Test Method</td>
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<td>Next Test Date</td>
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<td>Pipe Model</td>
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<td>Modified By</td>
<td>TRANSLAT</td>
</tr>
<tr>
<td>Last Modified</td>
<td>03/04/2004</td>
</tr>
</tbody>
</table>

**Equipment Records:**

- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- H00 - Tank Leak Detection - None
- J02 - Dispenser - Suction Dispenser
- D02 - Pipe Type - Galvanized Steel
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

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<tr>
<td>Install Date</td>
<td>12/01/1980</td>
</tr>
<tr>
<td>Date Tank Closed</td>
<td>07/01/1994</td>
</tr>
<tr>
<td>Registered</td>
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<td>Tank Location</td>
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<td>Tank Type</td>
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<td>Material Code</td>
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<td>Common Name of Substance</td>
<td>Gasoline</td>
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<tr>
<td>Tightness Test Method</td>
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<td>Date Test</td>
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<td>Modified By</td>
<td>TRANSLAT</td>
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<tr>
<td>Last Modified</td>
<td>03/04/2004</td>
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</tbody>
</table>

**Equipment Records:**

- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- H00 - Tank Leak Detection - None
- J02 - Dispenser - Suction Dispenser
- D02 - Pipe Type - Galvanized Steel
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping
### Tank 005
- **Tank Number:** 005
- **Tank ID:** 36121
- **Tank Status:** Closed - In Place
- **Material Name:** Closed - In Place
- **Capacity Gallons:** 1080
- **Install Date:** 12/01/1980
- **Date Tank Closed:** 07/01/1994
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Equivalent technology
- **Material Code:** 0009
- **Common Name of Substance:** Gasoline
- **Tightness Test Method:** NN
- **Date Test:** Not reported
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** TRANSLAT
- **Last Modified:** 03/04/2004

**Equipment Records:**
- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- H00 - Tank Leak Detection - None
- J02 - Dispenser - Suction Dispenser
- D02 - Pipe Type - Galvanized Steel
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- B00 - Tank External Protection - None

### Tank 006
- **Tank Number:** 006
- **Tank ID:** 36122
- **Tank Status:** Closed - In Place
- **Material Name:** Closed - In Place
- **Capacity Gallons:** 1080
- **Install Date:** 12/01/1980
- **Date Tank Closed:** 07/01/1994
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Equivalent technology
- **Material Code:** 0009
- **Common Name of Substance:** Gasoline
- **Tightness Test Method:** NN
- **Date Test:** Not reported
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** TRANSLAT
- **Last Modified:** 03/04/2004

**Equipment Records:**
- G00 - Tank Secondary Containment - None
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<th>Map ID</th>
<th>Direction</th>
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<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
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**DSNY M DISTRICT 9 GARAGE (Continued)**

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<th>ID</th>
<th>Type</th>
<th>Location</th>
<th>Registered</th>
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<th>Next Test Date</th>
<th>Tightness Test Method</th>
<th>Date Test</th>
<th>Next Test Date</th>
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<td>007 - Tank Internal Protection - None</td>
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<td>007</td>
<td>Kerosene [#1 Fuel Oil] (On-Site Consumption)</td>
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<td>Steel/carbon steel</td>
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<th>Location</th>
<th>Registered</th>
<th>Date Tank Closed</th>
<th>Capacity Gallons</th>
<th>Date Test</th>
<th>Next Test Date</th>
<th>Tightness Test Method</th>
<th>Date Test</th>
<th>Next Test Date</th>
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<td>36124</td>
<td>008 - Tank External Protection - None</td>
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- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- H00 - Tank Leak Detection - None
- J02 - Dispenser - Suction Dispenser
- D02 - Pipe Type - Galvanized Steel
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

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| Last Modified: | 03/04/2004 |

#### Equipment Records:
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- A00 - Tank Internal Protection - None
- H00 - Tank Leak Detection - None
- J02 - Dispenser - Suction Dispenser
- D02 - Pipe Type - Galvanized Steel
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- B00 - Tank External Protection - None

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<td>03/04/2004</td>
</tr>
</tbody>
</table>

**Equipment Records:**
- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- H00 - Tank Leak Detection - None
- J02 - Dispenser - Suction Dispenser
- D02 - Pipe Type - Galvanized Steel
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

<table>
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<tr>
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<tbody>
<tr>
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<td>MSBAPTIS</td>
</tr>
<tr>
<td>Last Modified:</td>
<td>11/18/2013</td>
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</tbody>
</table>

**Equipment Records:**
- L09 - Piping Leak Detection - Exempt Suction Piping
- I02 - Overfill - High Level Alarm
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- B04 - Tank External Protection - Fiberglass
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- E04 - Piping Secondary Containment - Double walled UG
### DSNY M DISTRICT 9 GARAGE (Continued)

<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
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<tr>
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<tr>
<td>Tank Status</td>
<td>In Service</td>
</tr>
<tr>
<td>Material Name</td>
<td>In Service</td>
</tr>
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<td>12/01/2000</td>
</tr>
<tr>
<td>Date Tank Closed</td>
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</tr>
<tr>
<td>Registered</td>
<td>True</td>
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<tr>
<td>Tank Location</td>
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<tr>
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<td>MSBAPTIS</td>
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<tr>
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</table>

**Equipment Records:**
- I02 - Overfill - High Level Alarm
- L00 - Piping Leak Detection - None
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- A00 - Tank Internal Protection - None
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- B04 - Tank External Protection - Fiberglass
- K01 - Spill Prevention - Catch Basin
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J00 - Dispenser - None
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)

---

<table>
<thead>
<tr>
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<tbody>
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**Equipment Records:**
- L09 - Piping Leak Detection - Exempt Suction Piping
- F04 - Pipe External Protection - Fiberglass
### DSNY M DISTRICT 9 GARAGE (Continued)

**EDR ID Number**: U001840249

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<tr>
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<tr>
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<td>MSBAPTIS</td>
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<tr>
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</tbody>
</table>

**Equipment Records:**

- L09 - Piping Leak Detection - Exempt Suction Piping
- F04 - Pipe External Protection - Fiberglass
- I02 - Overfill - High Level Alarm
- A00 - Tank Internal Protection - None
- C03 - Pipe Location - Aboveground/Underground Combination
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- B04 - Tank External Protection - Fiberglass
- K01 - Spill Prevention - Catch Basin
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)

---

**K114**

**DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY**

**RCRA-SQG**: 1014399831

**ICIS**: NYR000179218

**US AIRS**: FINDS

**ECHO**: NY MANIFEST

**RCRA-SQG**: DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOSTOS

**COMMUNITY COLLEGE**

**Facility name**: DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOSTOS

**Facility address**: 500 GRAND CONCOURSE

**Date form received by agency**: 08/26/2016
### DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOST (Continued)

- **EPA ID:** NYR000179218
- **Mailing address:** GRAND CONCOURSE, BRONX, NY 10451
- **Contact:** SAMIR RIMAWI
- **Contact address:** COMMUNITY COLLEGE DASNY W 181ST ST & UNIVERSITY AVE, BRONX, NY 10453
- **Contact country:** US
- **Contact telephone:** (718) 933-9535
- **Contact email:** SRIMAWI@DASNY.ORG
- **EPA Region:** 02
- **Classification:** Small Small Quantity Generator
- **Description:** Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**
- **Owner/operator name:** CUNY HOSTOS COMMUNITY COLLEGE
- **Owner/operator address:** Not reported
- **Owner/operator country:** US
- **Owner/operator telephone:** Not reported
- **Legal status:** State
- **Owner/Operator Type:** Operator
- **Owner/Op start date:** 01/01/1970
- **Owner/Op end date:** Not reported

**Owner/operator name:** DASNY
- **Owner/operator address:** PENNSYLVANIA PLZ, NEW YORK, NY 10119
- **Owner/operator country:** US
- **Owner/operator telephone:** (212) 273-5000
- **Legal status:** State
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** 07/01/1974
- **Owner/Op end date:** Not reported

**Handler Activities Summary:**
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
- **Used oil Specification marketer:** No
- **Used oil transfer facility:** No
- **Used oil transporter:** No
DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOST (Continued) 1014399831

- Waste code: B002
- Waste name: B002

- Waste code: B007
- Waste name: B007

Historical Generators:
- Date form received by agency: 01/17/2012
- Site name: HOSTOS COMMUNITY COLLEGE
- Classification: Not a generator, verified
  - Waste code: B007
  - Waste name: B007

- Date form received by agency: 11/10/2010
- Site name: HOSTOS COMMUNITY COLLEGE
- Classification: Conditionally Exempt Small Quantity Generator
  - Waste code: B007
  - Waste name: B007

Violation Status: No violations found

ICIS:
- Enforcement Action ID: 02-2006-0823
- FRS ID: 110014422730
- Action Name: Hostos Community College
- Facility Name: HOSTOS COMMUNITY COLLEGE
- Facility Address: 500 GRAND CONCOURSE BRONX, NY 104515323
- Enforcement Action Type: RCRA 3008A AO For Comp And/Or Penalty
- Facility County: BRONX
- Program System Acronym: ICIS
- Enforcement Action Forum Desc: Administrative - Formal
- EA Type Code: 3008A
- Facility SIC Code: Not reported
- Federal Facility ID: Not reported
- Latitude in Decimal Degrees: 40.818217
- Longitude in Decimal Degrees: -73.927452
- Permit Type Desc: Not reported
- Program System Acronym: Not reported
- Facility NAICS Code: Not reported
- Tribal Land Code: Not reported

- Enforcement Action ID: 02-2003-1006
- FRS ID: 110014422730
- Action Name: American General Contracting, Inc.
- Facility Name: HOSTOS COMMUNITY COLLEGE
- Facility Address: 500 GRAND CONCOURSE BRONX, NY 104515323
- Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
- Facility County: BRONX
- Program System Acronym: ICIS
- Enforcement Action Forum Desc: Administrative - Formal
- EA Type Code: 113A
- Facility SIC Code: Not reported
- Federal Facility ID: Not reported
### DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOST (Continued)

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<tr>
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<tr>
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<tr>
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**US AIRS (AFS):**

- **Envid:** 1014399831
- **Region Code:** 02
- **County Code:** NY005
- **Programmatic ID:** AIR NY0000002600400091
- **Facility Registry ID:** 110014422730
- **D and B Number:** Not reported
DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOST (Continued)

Facility Site Name: HOSTOS COMMUNITY COLLEGE
Primary SIC Code: 8221
NAICS Code: 611310
Default Air Classification Code: SMI
Facility Type of Ownership Code: STF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS (AFS):
Region Code: 02
Programmatic ID: AIR NY0000002600400091
Facility Registry ID: 110014422730
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2005-07-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400091
Facility Registry ID: 110014422730
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2006-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400091
Facility Registry ID: 110014422730
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2006-07-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002600400091
Facility Registry ID: 110014422730
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2008-01-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported
DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOST (Continued)

FINDS:

Registry ID: 110014422730

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR SYNTHETIC MINOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York’s Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA’s programs. The vision for ICIS is to replace EPA’s independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1014399831
Registry ID: 110014422730
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110014422730

NY MANIFEST:
Country: USA
DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOST (Continued) 1014399831

EPA ID: NYR000179218
Facility Status: Not reported
Location Address 1: 500 GRAND CONCOURSE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000179218
Mailing Name: HOSTOS COMMUNITY COLLEGE
Mailing Contact: HOSTOS COMMUNITY COLLEGE
Mailing Address 1: 515 BROADWAY
Mailing Address 2: Not reported
Mailing City: ALBANY
Mailing State: NY
Mailing Zip: 12204
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5164886810

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/17/2011
Trans1 Recv Date: 01/17/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/17/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000179218
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJ0002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001057587GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
### DORMITORY AUTHORITY OF THE STATE OF NEW YORK DASNY CUNY HOST (Continued)

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<td>Handling Method:</td>
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Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

---

**K115**  
**HOSTOS COMMUNITY COLLEGE - TRAILER #5**  
**427 WALTON AVE**  
**BRONX, NY 10451**

**Parameter** | **Value** | **Parameter** | **Value**
|--------------|-----------|--------------|-----------
| RCRA-CESQG   | 1009312355 | EPA Region   | 02 |
| EPA ID       | NYR000137091 | Classification: | Conditionally Exempt Small Quantity Generator |
| Mailing address | GRAND CONCOURSE | Description: | Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste |
| Contact:     | FRANK VIRONE | Contact telephone: | (718) 518-4476 |
| Contact country: | US | Contact email: | Not reported |
| Facility name: | HOSTOS COMMUNITY COLLEGE - TRAILER #5 | Date form received by agency: | 06/06/2007 |
| Facility address: | 427 WALTON AVE | EPA ID: | NYR000137091 |
| Mailing address: | GRAND CONCOURSE | BRONX, NY 10451 |
| Contact: | FRANK VIRONE | Contact telephone: | (718) 518-4476 |
| Contact country: | US | Contact email: | Not reported |
| Classification: | Conditionally Exempt Small Quantity Generator | Date form received by agency: | 06/06/2007 |
| Description: | Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste |
HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued) 1009312355

Owner/Operator Summary:
Owner/operator name: DORMITORY AUTHORITY OF THE STATE OF NY
Owner/operator address: PENN PLAZA 52ND FLOOR
NEW YORK, NY 10119
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: 07/01/1990
Owner/Op end date: Not reported

Owner/operator name: CUNY-HOSTOS COMMUNITY COLLEGE
Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 05/01/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
- Waste code: D008
- Waste name: LEAD

Historical Generators:
Date form received by agency: 06/05/2007
Site name: HOSTOS COMMUNITY COLLEGE - TRAILER #5
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/13/2006
Site name: HOSTOS COMMUNITY COLLEGE - TRAILER #5
Classification: Large Quantity Generator
- Waste code: D008
- Waste name: LEAD

Date form received by agency: 02/12/2006
Site name: HOSTOS COMMUNITY COLLEGE - TRAILER #5
Classification: Large Quantity Generator
HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)  1009312355

Violation Status:  No violations found

SPILLS:

| Facility ID: | 0800543 |
| Facility Type: | ER |
| DER Facility ID: | 345805 |
| Site ID: | 396314 |
| DEC Region: | 2 |
| Spill Date: | 2008-04-14 |
| Spill Number/Closed Date: | 0800543 / 2010-06-24 |
| Spill Cause: | Other |
| Spill Class: | Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. |
| SWIS: | 0301 |
| Investigator: | RVKETANI |
| Referred To: | Not reported |
| Reported to Dept: | 2008-04-14 |
| CID: | 444 |
| Water Affected: | Not reported |
| Spill Source: | Institutional, Educational, Gov., Other |
| Spill Notifier: | Other |
| Cleanup Ceased: | Not reported |
| Cleanup Meets Std: | False |
| Last Inspection: | Not reported |
| Recommended Penalty: | False |
| UST Trust: | Not reported |
| Remediation Phase: | 0 |
| Date Entered In Computer: | 2008-04-14 |
| Spill Record Last Update: | 2010-06-24 |
| Spiller Name: | DIAHANN MCFARLAND |
| Spiller Company: | HOSTOS COMMUNITY COLLEGE |
| Spiller Address: | 500 GRAND CONCOURSE |
| Spiller City,St,Zip: | BRONX, NY |
| Spiller Company: | 999 |
| Contact Name: | MICHAEL VANDERHEIJDEN |
| Contact Phone: | (914) 448-2266 |

DEC Memo:

*CSL prepared and sent to Consultant: Woodard and Curran Attn: MICHAEAL VANDERHEIJDEN 709 Westchester Ave White Plains, NY 10604 04/24/08-Vought-Called Michael VanDerheijden (Ph:914-448-2266 Fax:914-448-0147) and left message to return call to DEC. Owners contact as per PBS (Frank Virone 718-518-4476). Vought sent and faxed CSL with one month due date to mail address as per PBS #2-452319: Mr. Frank Virone Hostos Community College 500 Grand Concourse Bronx, NY 10451 DEC requires: 1)delineation of soil and groundwater contamination 2)collection of endpoint soil samples if excavation is performed 3)possible PBS update. 04/25/08-Vought-Received call from and spoke to Vanderheijden and data has not been received and product was present. Groundwater very shallow and some free product on groundwater. Depth to groundwater is one foot below grade. Sump five feet away and water in sump has been clean. Further action pending receipt of analyticals. Spill located in basement of building and spatial constraints may restrict excavation. Tank has been cleaned and filled with cement. Spill may be associated with an prior overfill. Tank that was abandoned was technically as UST in a vault in a two teir basement and only access to tank is via manholes. PBS will be changed from temporarily out of service to permanently closed and PBS registration was submitted as per Vanderheijden. Possible action may include additional borings once analyticals are received.
Report will be received within two months and deadline extended till June 27, 2008. 05/02/08-Vought-Received call from and spoke to Vanderheijden and he received letter with one month due date and requested letter extending till 6/27/08. Vought sent email to Vanderheijden with above notes from 4/25/08 extending deadline. 05/29/08-Vought-Received fax from Woodward and Curran (Van Der Heijden) dated 5/29/08. 10,000-gallon #6 fuel oil UST located in a very confined area surrounded by electrical and boiler equipment that services the entire building. UST was closed including removal of product and filling with concrete slurry to close in place on 3/25/08. Soil and groundwater samples collected adjacent to the tank and droplets of oil were observed floating on top of the water. Groundwater analyticals showed no detections of VOCs or SVOCs. Proposal to install three additional borings and redrilling of original sample locations in floor and performance of a bail down test to examine product recharge into borings. Once all reasonably recoverable petroleum product has been removed, CUNY will cease recovery backfill holes and notify the DEC. DEC requires: 1) site plan 2) backfill holes only upon approval from DEC and absence of free product as opposed to reasonably recovered. Vought called Van der Heijden and explained above requirements and requested site plan before approval can be provided. 10/03/08-Vought-Received emailed site plan from Van Der Heijden on 6/11/08. Vought called Van Der Heijden to clarify pumps adjacent to UST location on site plan. Site plan also has two proposed sampling locations instead of three location as per 5/29/08 proposal. Vought left message to return call. Vought received callback from and spoke to Van der Heijden and pumps adjacent to UST on site plan are sumps pumps that have had no history of product detection however two sampling locations farther away from two sumps had prior history of free product in borings. Van Der Heijden will install three to four additional borings to confirm the presence/absence of product and collect groundwater samples in locations of prior borings and assumed downgradient locations. Vought sent letter approving of 5/29/08 proposal with cc to Van Der Heijden. 07/27/09-Vought-Received call from John Virgie (Obrien and Gere-732-225-7380) and they will be replacing Woodward and Curran (former consultant) and they will be implementing scope dated 5/29/08 but only difference will be wells be installed instead of borings. DEC will receive report by 11/15/09. 6/11/10-Vought- Spill transferred from DEC Vought to DEC Ketani as per DEC Austin and Vought transfer to Section A. 6/14/10 - Raphael Ketani. On 8/6/09, a letter was received from O’Brien & Gere confirming discussions between Mr. Vought and Mr. Virgie regarding the proposed subsurface investigation. On 8/10/09, a letter was received from O’Brien & Gere which had the same content as the 8/4/09 letter, but with the addition of an LSIR submission date and a remediation report submission date. Mr. Vought had received the 11/6/2009 Limited Subsurface Investigation Report (LSIR) on 11/9/09. I reviewed the report today. The three groundwater samples were all non-detect for SVOCs and VOCs. The seven soil samples were non-detect for VOCs and almost entirely non-detect for SVOCs. The soil sample from MW-3 at 4 to 6 feet had a series of very low SVOC hits (some of which were exceedences for the benzo group of analytes), but the concentrations are not typical of oil contamination. I tried to contact John Virgie of O’Brien & Gere (732) 225-7380 regarding the report and the need to do a boring at each end of the tank, but I could only leave a phone message. 6/15/10 - Raphael Ketani. I tried to contact Mr. Virgie on
his cell (609) 306-0509 regarding the site investigation, but could only leave a message. 6/17/10 - Raphael Ketani. I tried to contact Mr. Virgie regarding the site investigation, but could only leave a message. Mark Randazzo of O’Brien & Gere (781) 883-6432 called in response to my attempt to contact Mr. Virgie. He said that he started the project and usually works on the CUNY site. He said that he is familiar with the project. I asked him why borings were not done at the ends of the tank as there seemed to be enough room to get some equipment to those locations. Mr. Randazzo said that he wasn’t sure why. However, he said, the borings and wells that were installed were in an area that was lower than the tank and downgradient. Mr. Randazzo said that he will look at the project again and get back to me. 6/18/10 - Raphael Ketani. Mr. Randazzo called me back. We discussed the site and the presence of droplets of oil in the 2008 groundwater samples. He stated that O’Brien & Gere will bring the matter to the attention of staff at Hostos Community College regarding attempting to install two temporary wells (one at each end of the tank). The most contaminated soil sample would be taken from each boring and a groundwater sample. 6/23/10 - Raphael Ketani. Mr. Randazzo sent me the following e-mail today: O’Brien & Gere respectfully requests that you reconsider your request for additional soil borings and temporary wells in the area of the UST, based on the following: - wells were installed hydraulically downgradient from the UST and no oil was found; - No. 6 oil is characteristically not very mobile; - when the building is taken down, any limited LNAPL present in the area of the tank will be removed; - the sub-basement sump near the UST was found to be free of No. 6 oil; and - according to Hostos personnel, utility drawings in direct vicinity of the tank, electrical equipment, and pump area are not available. Based on this information we ask that you reconsider this request and close the spill number. 6/24/10 - Raphael Ketani. As the product lost is #6 oil which has a low concentration of volatile components, if any, and as no oil has been seen in the groundwater during 2009, and as there are no plans to show where the electrical lines are next to the tank - which poses a safety concern for drilling through the floor in the tank room, I am closing the spill case.”

Remarks: "DOING SOIL BORINGS CAME UPON CONTAMINATED SOIL"

Material:
Site ID: 396314
Operable Unit ID: 1153258
Operable Unit: 01
Material ID: 2144038
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

NJ MANIFEST:
EPA Id: NYR000137091
Mail Address: 500 GRAND CONCOURSE
Mail City/State/Zip: BRONX 10451
Facility Phone: 7185184478
Emergency Phone: Not reported
Contact: TAREK JAROUDI
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: NJA5289719
EPA ID: NYR000137091
Date Shipped: 03/01/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000029967
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/01/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 03/01/2006
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
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Waste SEQ ID: Not reported
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Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
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HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

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NY MANIFEST:

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*Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.*

---

**K116**  
**HOSTOS COMMUNITY COLLEGE**

**NY UST**  
**U004063142**

**ENE**  
**500 GRAND CONCOURSE**

**BRONX, NY 10451**

**0.136 mi.**  
**717 ft.**  
**Site 5 of 6 in cluster K**

**Relative:**  
**Higher**

Id/Status: 2-452319 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 03/21/2020  
UTM X: 590481.34629  
UTM Y: 4519119.30065  
Site Type: School

**Affiliation Records:**

Site Id: 19756  
Affiliation Type: Emergency Contact  
Company Name: CITY UNIVERSITY OF NEW YORK  
Contact Type: Not reported  
Contact Name: FRANK VIRONE  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 518-4476  
EMAIL: Not reported  
Fax Number: Not reported  
Modified By: BKFALVEY  
Date Last Modified: 2010-06-21

Site Id: 19756  
Affiliation Type: Facility Owner  
Company Name: CITY UNIVERSITY OF NEW YORK
### HOSTOS COMMUNITY COLLEGE (Continued)

| Contact Type: | CHIEF ADMINISTRATIVE SUPERINTENDENT |
| Contact Name: | FRANK VIRONE |
| Address1: | 555 WEST 57TH STREET |
| Address2: | Not reported |
| City: | NEW YORK |
| State: | NY |
| Zip Code: | 10019 |
| Country Code: | 001 |
| Phone: | (212) 541-0473 |
| EMail: | FVIRONE@HOSTOS.CUNY.EDU |
| Fax Number: | Not reported |
| Modified By: | NTFREEMA |
| Date Last Modified: | 2015-02-10 |

| Site Id: | 19756 |
| Affiliation Type: | Mail Contact |
| Company Name: | HOSTOS COMMUNITY COLLEGE |
| Contact Type: | Not reported |
| Contact Name: | FRANK VIRONE |
| Address1: | 500 GRAND CONCOURSE |
| Address2: | Not reported |
| City: | BRONX |
| State: | NY |
| Zip Code: | 10451 |
| Country Code: | 001 |
| Phone: | (718) 518-4476 |
| EMail: | FVIRONE@HOSTOS.CUNY.EDU |
| Fax Number: | Not reported |
| Modified By: | NTFREEMA |
| Date Last Modified: | 2015-02-10 |

| Site Id: | 19756 |
| Affiliation Type: | On-Site Operator |
| Company Name: | HOSTOS COMMUNITY COLLEGE |
| Contact Type: | Not reported |
| Contact Name: | FRANK VIRONE |
| Address1: | Not reported |
| Address2: | Not reported |
| City: | Not reported |
| State: | NY |
| Zip Code: | Not reported |
| Country Code: | 001 |
| Phone: | (718) 518-4476 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | BKFALVEY |
| Date Last Modified: | 2010-06-21 |

### Tank Info:

<p>| Tank Number: | 001 |
| Tank ID: | 35418 |
| Tank Status: | In Service |
| Material Name: | In Service |
| Capacity Gallons: | 200000 |
| Install Date: | 09/01/1988 |
| Date Tank Closed: | Not reported |</p>
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<td>Tank Type:</td>
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</tr>
<tr>
<td>Material Code:</td>
<td>0002</td>
</tr>
<tr>
<td>Common Name of Substance:</td>
<td>#4 Fuel Oil (On-Site Consumption)</td>
</tr>
<tr>
<td>Tightness Test Method:</td>
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<tr>
<td>Date Test:</td>
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<tr>
<td>Next Test Date:</td>
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<tr>
<td>Pipe Model:</td>
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</tr>
<tr>
<td>Modified By:</td>
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</tr>
<tr>
<td>Last Modified:</td>
<td>02/10/2015</td>
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</table>

TC5022723.2s  Page 260
HOSTOS COMMUNITY COLLEGE (Continued)

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Common Name of Substance</th>
<th>Date Test</th>
<th>Tightness Test Method</th>
<th>Date Test</th>
<th>Next Test Date</th>
<th>Pipe Model</th>
<th>Modified By</th>
<th>Last Modified</th>
<th>Equipment Records</th>
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<tbody>
<tr>
<td>0003</td>
<td>#6 Fuel Oil (On-Site Consumption)</td>
<td>Not reported</td>
<td>NN</td>
<td>Not reported</td>
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<td>NTFREEMAD</td>
<td>02/10/2015</td>
<td>D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)</td>
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<tr>
<td>0008</td>
<td>Diesel</td>
<td>Not reported</td>
<td>00</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>NTFREEMAD</td>
<td>02/10/2015</td>
<td>J02 - Dispenser - Suction Dispenser</td>
</tr>
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Tank Number: 003
Tank ID: 35420
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 09/01/1988
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel
Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMAD
Last Modified: 02/10/2015
Equipment Records:
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- J02 - Dispenser - Suction Dispenser
- K00 - Spill Prevention - None
- A00 - Tank Internal Protection - None
- C03 - Pipe Location - Aboveground/Underground Combination
- F04 - Pipe External Protection - Fiberglass
- I02 - Overfill - High Level Alarm
- L09 - Piping Leak Detection - Exempt Suction Piping
- B04 - Tank External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- I04 - Overfill - Product Level Gauge (A/G)
HOSTOS COMMUNITY COLLEGE (Continued)

Tank Number: 010
Tank ID: 196325
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 01/01/1989
Date Tank Closed: 04/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 03/28/2005

Equipment Records:
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
I00 - Overfill - None
L00 - Piping Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)

Tank Number: 011
Tank ID: 196326
HOSTOS COMMUNITY COLLEGE (Continued)

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 01/01/1989
Date Tank Closed: 04/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 03/28/2005

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
I00 - Overfill - None
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
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<tr>
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<td>(718) 518-4476</td>
<td>(718) 518-4476</td>
<td>(718) 518-4476</td>
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<tr>
<td>EMail:</td>
<td><a href="mailto:FVIRONE@HOSTOS.CUNY.EDU">FVIRONE@HOSTOS.CUNY.EDU</a></td>
<td><a href="mailto:FVIRONE@HOSTOS.CUNY.EDU">FVIRONE@HOSTOS.CUNY.EDU</a></td>
<td><a href="mailto:FVIRONE@HOSTOS.CUNY.EDU">FVIRONE@HOSTOS.CUNY.EDU</a></td>
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HOSTOS COMMUNITY COLLEGE (Continued)

Tank Info:

Tank Number: 005
Tank Id: 66380
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

- B01 - Tank External Protection - Painted/Asphalt Coating
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- C01 - Pipe Location - Aboveground
- G02 - Tank Secondary Containment - Vault (w/access)
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- E00 - Piping Secondary Containment - None
- F01 - Pipe External Protection - Painted/Asphalt Coating
- J02 - Dispenser - Suction Dispenser
- K00 - Spill Prevention - None
- A00 - Tank Internal Protection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- I02 - Overfill - High Level Alarm
- I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1992
Capacity Gallons: 6500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NTFREEM
Last Modified: 02/10/2015
Material Name: Not reported

Tank Number: 006
Tank Id: 66381
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

- I04 - Overfill - Product Level Gauge (A/G)
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- E00 - Piping Secondary Containment - None
- F01 - Pipe External Protection - Painted/Asphalt Coating
- J02 - Dispenser - Suction Dispenser
- K00 - Spill Prevention - None
- A00 - Tank Internal Protection - None
- I02 - Overfill - High Level Alarm
- L09 - Piping Leak Detection - Exempt Suction Piping
- C01 - Pipe Location - Aboveground
- B01 - Tank External Protection - Painted/Asphalt Coating
<table>
<thead>
<tr>
<th>Equipment Records:</th>
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<tr>
<td>A00 - Tank Internal Protection - None</td>
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<tr>
<td>i02 - Overfill - High Level Alarm</td>
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<tr>
<td>L09 - Piping Leak Detection - Exempt Suction Piping</td>
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<tr>
<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<tr>
<td>E00 - Piping Secondary Containment - None</td>
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<td>F01 - Pipe External Protection - Painted/Asphalt Coating</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<td>K00 - Spill Prevention - None</td>
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<td>I06 - Overfill - Product Level Gauge (A/G)</td>
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<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
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<td>H01 - Tank Leak Detection - Interstitial - Electronic Monitoring</td>
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<td>C01 - Pipe Location - Aboveground</td>
<td></td>
</tr>
<tr>
<td>G02 - Tank Secondary Containment - Vault (w/access)</td>
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</table>

| Tank Location: | 3 |
| Tank Type: | Steel/Carbon Steel/Iron |
| Tank Status: | In Service |
| Pipe Model: | Not reported |
| Install Date: | 06/01/1992 |
| Capacity Gallons: | 275 |
| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Date Tank Closed: | Not reported |
| Register: | True |
| Modified By: | NTFREEEMA |
| Last Modified: | 02/10/2015 |
| Material Name: | Not reported |

| Tank Number: | 008 |
| Tank Id: | 182540 |
| Material Code: | 0008 |
| Common Name of Substance: | Diesel |
HOSTOS COMMUNITY COLLEGE (Continued)

Equipment Records:

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<th>Equipment Records</th>
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<td>I02 - Overfill - High Level Alarm</td>
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<td>L09 - Piping Leak Detection - Exempt Suction Piping</td>
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<td>A00 - Tank Internal Protection - None</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<tr>
<td>K00 - Spill Prevention - None</td>
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<tr>
<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<td>F01 - Pipe External Protection - Painted/Asphalt Coating</td>
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<tr>
<td>G01 - Tank Secondary Containment - Diking (Aboveground)</td>
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<td>H01 - Tank Leak Detection - Interstitial - Electronic Monitoring</td>
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<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
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<tr>
<td>C01 - Pipe Location - Aboveground</td>
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<tr>
<td>E00 - Piping Secondary Containment - None</td>
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<tr>
<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<tr>
<td>K00 - Spill Prevention - None</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<td>N99 - Piping Secondary Containment - Other</td>
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Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/92
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NTFREEMA
Last Modified: 02/10/2015
Material Name: Not reported

Tank Number: 009
Tank Id: 182541
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

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<td>G01 - Tank Secondary Containment - Diking (Aboveground)</td>
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<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
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<td>C01 - Pipe Location - Aboveground</td>
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<td>F01 - Pipe External Protection - Painted/Asphalt Coating</td>
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<td>H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)</td>
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<td>K00 - Spill Prevention - None</td>
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<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<tr>
<td>E00 - Piping Secondary Containment - None</td>
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<td>L09 - Piping Leak Detection - Exempt Suction Piping</td>
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<td>I02 - Overfill - High Level Alarm</td>
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<tr>
<td>A00 - Tank Internal Protection - None</td>
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Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/88
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
HOSTOS COMMUNITY COLLEGE (Continued)  A100294416

Date Tank Closed: Not reported
Register: True
Modified By: NTFREEMA
Last Modified: 02/10/2015
Material Name: Not reported

O118  LUIGI RENALDO AUTO CENTER  RCRA NonGen / NLR  1000235176
SW  NY MANIFEST  NYD161125372
1/8-1/4  325 EXTERIOR ST  NOT REQUIRED, WY 99999
BRONX, NY 10451  NOT REQUIRED
0.137 mi.  Site 1 of 3 in cluster O
725 ft.  BRONX, NY 10451

Relative:  Handler: Non-Generators do not presently generate hazardous waste
Lower  Description:
Actual:  Non-Generator
5 ft.

Date form received by agency: 01/01/2007
Facility name: LUIGI RENALDO AUTO CENTER
Facility address: 325 EXTERIOR ST
EPA ID: NYD161125372
Mailing address: EXTERIOR ST
BRONX, NY 10451

Contact: Not reported
Contact address: EXTERIOR ST
BRONX, NY 10451
Contact country: US
Contact telephone: Not reported
Contact email: Not reported

EPA Region: 02
Classification: Non-Generator

Owner/Operator Summary:
Owner/operator name: LUIGI RENALDO
Owner/operator address: NOT REQUIRED
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LUIGI RENALDO
Owner/operator address: NOT REQUIRED
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
MAP FINDINGS

LUIGI RENALDO AUTO CENTER (Continued) 1000235176

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: LUIGI RENALDO AUTO CENTER
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: LUIGI RENALDO AUTO CENTER
Classification: Not a generator, verified

Date form received by agency: 10/13/1998
Site name: LUIGI RENALDO AUTO CENTER
Classification: Small Quantity Generator

- Waste code: D001
  Waste name: IGNITABLE WASTE

- Waste code: F003
  Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- Waste code: F005
  Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYD161125372
Facility Status: Not reported
Location Address 1: 325 EXTERIOR STREET
Code: BP
Location Address 2: Not reported
LUIGI RENALDO AUTO CENTER (Continued) 1000235176

Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD161125372
Mailing Name: LUIGI RENALDO AUTOCRAFT INCORPORATED
Mailing Contact: LUIGI RENALDO AUTOCRAFT INCORPORATED
Mailing Address 1: 325 EXTERIOR STREET
Mailing Address 2: Not reported
Mailing City: BRONX ATTN JOHN ARCURI
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124028555

NY MANIFEST:
Document ID: NJA2678120
Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 01/28/1997
Trans1 Recv Date: 01/28/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 01/30/1997
Part A Recv Date: 02/10/1997
Part B Recv Date: 02/12/1997
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002454544
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F003 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00100
Units: G - Gallons (liquids only)* (8.3 pounds)
LUIGI RENALDO AUTO CENTER (Continued)

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<td>R Material recovery of more than 75 percent of the total material.</td>
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<tr>
<td>Specific Gravity:</td>
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Click this hyperlink while viewing on your computer to access
23 additional NY_MANIFEST: record(s) in the EDR Site Report.

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<td>325 EXTERIA ST</td>
<td>RCRA NonGen / NLR</td>
<td>NYD982271272</td>
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<tr>
<td>1/8-1/4</td>
<td>BRONX, NY 10451</td>
<td>FINDS</td>
<td>ECHO</td>
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<tr>
<td>0.137 mi.</td>
<td>725 ft.</td>
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<td>Expiration Date:</td>
<td>02/16/2019</td>
<td></td>
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<tr>
<td>UTM X:</td>
<td>590155.36234</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UTM Y:</td>
<td>4518780.75321</td>
<td></td>
<td></td>
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RCRA NonGen / NLR:
- Date form received by agency: 01/01/2007
- Facility name: GAINES LEASING CORP
- Facility address: 325 EXTERIA ST, BRONX, NY 10451
- EPA ID: NYD982271272
- Mailing address: EXTERIA ST, BRONX, NY 10451
- Contact: Not reported
- Contact address: EXTERIA ST, BRONX, NY 10451
- Contact country: US
- Contact telephone: Not reported
- Contact email: Not reported
- EPA Region: 02
- Classification: Non-Generator
- Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
- Owner/operator name: JACK SCHWARTZ
- Owner/operator address: NOT REQUIRED
- Owner/operator country: US
- Owner/operator telephone: (212) 555-1212
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: Not reported
- Owner/Op end date: Not reported
- Owner/operator name: JACK SCHWARTZ
- Owner/operator address: NOT REQUIRED
- Owner/operator country: NOT REQUIRED, WY 99999
GAINES LEASING CORP (Continued) 1000313559

Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: GAINES LEASING CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: GAINES LEASING CORP
Classification: Not a generator, verified

Date form received by agency: 08/05/1987
Site name: GAINES LEASING CORP
Classification: Large Quantity Generator
- Waste code: D001
- Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:
Registry ID: 110004417462

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.
### GAINES LEASING CORP (Continued)

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<tr>
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<th>1000313559</th>
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</tr>
<tr>
<td>DFR URL:</td>
<td><a href="http://echo.epa.gov/detailed-facility-report?fid=110004417462">http://echo.epa.gov/detailed-facility-report?fid=110004417462</a></td>
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<th>Elevation</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
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<table>
<thead>
<tr>
<th>P120</th>
<th>BEN-GOMO REALTY, INC.</th>
<th>NY AST</th>
<th>A100129096</th>
<th>N/A</th>
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<tbody>
<tr>
<td>South</td>
<td>301 WALTON AVENUE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/8-1/4</td>
<td>BRONX, NY 10454</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.139 mi.</td>
<td>732 ft.</td>
<td>Site 1 of 5 in cluster P</td>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Relative:</th>
<th>Higher</th>
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<tbody>
<tr>
<td>Actual:</td>
<td>0.139 mi.</td>
</tr>
<tr>
<td>Actual:</td>
<td>30 ft.</td>
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**AST:**
- Region: STATE
- DEC Region: 2
- Site Status: Active
- Access Id: 2-603762
- Program Type: PBS
- UTM X: 590289.36675
- UTM Y: 4518761.94561
- Expiration Date: 11/24/2018
- Site Type: Manufacturing (Other than Chemical)/Processing

**Affiliation Records:**

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<thead>
<tr>
<th>Site Id:</th>
<th>25665</th>
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</thead>
<tbody>
<tr>
<td>Affiliation Type:</td>
<td>Facility Owner</td>
</tr>
<tr>
<td>Company Name:</td>
<td>BENNY GOMOLINSKI</td>
</tr>
<tr>
<td>Contact Type:</td>
<td>VICE PRESIDENT</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>MICHAEL GOMOLINSKI</td>
</tr>
<tr>
<td>Address1:</td>
<td>301 WALTON AVENUE</td>
</tr>
<tr>
<td>Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>City:</td>
<td>BRONX</td>
</tr>
<tr>
<td>State:</td>
<td>NY</td>
</tr>
<tr>
<td>Zip Code:</td>
<td>10454</td>
</tr>
<tr>
<td>Country Code:</td>
<td>001</td>
</tr>
<tr>
<td>Phone:</td>
<td>(718) 585-1590</td>
</tr>
<tr>
<td>EMail:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Fax Number:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Modified By:</td>
<td>dxliving</td>
</tr>
<tr>
<td>Date Last Modified:</td>
<td>2008-09-15</td>
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<table>
<thead>
<tr>
<th>Site Id:</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Affiliation Type:</td>
<td>Mail Contact</td>
</tr>
<tr>
<td>Company Name:</td>
<td>BEN GOMO REALTY, INC.</td>
</tr>
<tr>
<td>Contact Type:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Address1:</td>
<td>301 WALTON AVENUE</td>
</tr>
<tr>
<td>Address2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>City:</td>
<td>BRONX</td>
</tr>
<tr>
<td>State:</td>
<td>NY</td>
</tr>
<tr>
<td>Zip Code:</td>
<td>10451</td>
</tr>
<tr>
<td>Country Code:</td>
<td>001</td>
</tr>
<tr>
<td>Phone:</td>
<td>(551) 486-7548</td>
</tr>
<tr>
<td>EMail:</td>
<td><a href="mailto:NANCYGOMOLINSKI@VERIZON.NET">NANCYGOMOLINSKI@VERIZON.NET</a></td>
</tr>
<tr>
<td>Fax Number:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Modified By:</td>
<td>MSBAPTIS</td>
</tr>
<tr>
<td>Date Last Modified:</td>
<td>2013-10-15</td>
</tr>
</tbody>
</table>

**Site Id:** 25665
BEN-GOMO REALTY, INC.  (Continued)

Affiliation Type: On-Site Operator
Company Name: BEN-GOMO REALTY, INC.
Contact Type: Not reported
Contact Name: BENNY GOMOLINSKI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-1590
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2013-10-15

Site Id: 25665
Affiliation Type: Emergency Contact
Company Name: BENNY GOMOLINSKI
Contact Type: Not reported
Contact Name: BENNY GOMOLINSKI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-1590
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 55512
Material Code: 00001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
### BEN-GOMO REALTY, INC. (Continued)

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Tank Status</td>
<td>In Service</td>
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<tr>
<td>Pipe Model</td>
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<td>Install Date</td>
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<tr>
<td>Capacity Gallons</td>
<td>3500</td>
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<tr>
<td>Tightness Test Method</td>
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</tr>
<tr>
<td>Date Test</td>
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<tr>
<td>Next Test Date</td>
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<tr>
<td>Date Tank Closed</td>
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<td>Register</td>
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<td>Modified By</td>
<td>MSBAPTIS</td>
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<tr>
<td>Last Modified</td>
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<tr>
<td>Material Name</td>
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### Site Details

<table>
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<th>Site Id</th>
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<tbody>
<tr>
<td>Affiliation Type</td>
<td>On-Site Operator</td>
</tr>
<tr>
<td>Company Name</td>
<td>310 WALTON AVENUE</td>
</tr>
<tr>
<td>Contact Type</td>
<td>Not reported</td>
</tr>
<tr>
<td>Contact Name</td>
<td>JASON FRIEDLAND</td>
</tr>
<tr>
<td>Address1</td>
<td>Not reported</td>
</tr>
<tr>
<td>State</td>
<td>NY</td>
</tr>
<tr>
<td>Zip Code</td>
<td>10704</td>
</tr>
<tr>
<td>Country Code</td>
<td>001</td>
</tr>
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</table>

### Affiliation Records

- **Site Id:** 27439
- **Affiliation Type:** Facility Owner
- **Company Name:** DOLED ASSOCIATES % WESTROCK DEVELOPMENT
- **Contact Type:** PROPERTY MANAGER / OWNERS
- **Contact Name:** JASON FRIEDLAND
- **Address1:** 656 CENTRAL PARK AVE
- **City:** YONKERS
- **State:** NY
- **Zip Code:** 10704
- **Country Code:** 001
- **Phone:** (914) 751-4000
- **EMail:** Not reported
- **Fax Number:** Not reported
- **Modified By:** NRLOMBAR
- **Date Last Modified:** 2011-02-09

---

**UST:**
- **Id/Status:** A001429096 / Unregulated/Closed
- **Program Type:** PBS
- **Region:** STATE
- **DEC Region:** 2
- **Expiration Date:** N/A
- **UTM X:** 590293.60345
- **UTM Y:** 4518770.30384
- **Site Type:** Trucking/Transportation/Fleet Operation

**Location:**
- **Relative:** Higher
- **Actual:** 30 ft.
### 310 WALTON AVENUE (Continued)

| Site Id: | 27439 |
| Affiliation Type: | Emergency Contact |
| Company Name: | DOLED ASSOCIATES % WESTROCK DEVELOPMENT |
| Contact Type: | Not reported |
| Contact Name: | ROBERT FRIEDLAND |
| Address1: | Not reported |
| Address2: | Not reported |
| City: | Not reported |
| State: | NY |
| Zip Code: | 10704 |
| Country Code: | 001 |
| Phone: | (914) 968-8500 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | KXTANG |
| Date Last Modified: | 2006-02-16 |

#### Tank Info:

| Tank Number: | 01 |
| Tank ID: | 60069 |
| Tank Status: | Closed - In Place |
| Material Name: | Closed - In Place |
| Capacity Gallons: | 5000 |
| Install Date: | Not reported |
| Date Tank Closed: | 03/24/2006 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 2642 |
| Common Name of Substance: | Used Oil (Heating, On-Site Consumption) |
| Tightness Test Method: | 00 |
| Date Test: | Not reported |
310 WALTON AVENUE (Continued) U003790763

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/09/2011

Equipment Records:
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
J00 - Dispenser - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

HIPPODROME SVCS NY LTANKS 1009225499
South NY MANIFEST N/A
1/8-1/4 BRONX, NY 10451
0.139 mi.
733 ft. Site 15 of 16 in cluster J

Relative: Higher
Actual: 30 ft.

LTANKS:
Site ID: 79679
Spill Number/Closed Date: 9312938 / 1994-02-02
Spill Date: 1994-02-02
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party, Corrective action taken.

Cleanup Ceased: 1994-02-02
Cleanup Meets Standard: True
SWIS: 0301
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1994-02-02
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-02-03
Spill Record Last Update: 2003-03-12
Spiller Name: Not reported
Spiller Company: BAERENKLAU
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 73950
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT"
Remarks: "CONTAINED ON PAVEMENT - CLEAN UP IS DONE."
HIPPODROME SVCS (Continued)

Material:
- Site ID: 79679
- Operable Unit ID: 991449
- Operable Unit: 01
- Material ID: 388342
- Material Code: 0001A
- Material Name: #2 fuel oil
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: 1.00
- Units: Gallons
- Recovered: .00
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:

NY MANIFEST:
- Country: USA
- EPA ID: NYD000002733
- Facility Status: Not reported
- Location Address 1: 310 WALTON AVE
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: BRONX
- Location State: NY
- Location Zip: 10451
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYD000002733
- Mailing Name: HIPPODROME SVCS
- Mailing Contact: N/S
- Mailing Address 1: 310 WALTON AVE
- Mailing Address 2: Not reported
- Mailing City: BRONX
- Mailing State: NY
- Mailing Zip: 10451
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: 7184029092

NY MANIFEST:
- Document ID: NYC6386141
- Manifest Status: Not reported
- seq: 01
- Year: 2001
- Trans1 State ID: EH2705NY
- Trans2 State ID: T162VWNJ
- Generator Ship Date: 02/08/2001
- Trans1 Recv Date: 02/08/2001
- Trans2 Recv Date: 02/13/2001
- TSD Site Recv Date: 02/18/2001
- Part A Recv Date: Not reported

EDR ID Number: 1009225499
HIPPODROME SVCS (Continued)

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<tr>
<td>Trans1 EPA ID</td>
<td>SCR000075150</td>
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<td>Trans2 EPA ID</td>
<td>SCR000074591</td>
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<td>TSDF ID 1:</td>
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<td>TSDF ID 2:</td>
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<td>Manifest Tracking Number</td>
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<td>Export Indicator</td>
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<td>Discr Type Indicator</td>
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<td>Discr Residue Indicator</td>
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<td>Discr Partial Reject Indicator</td>
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<td>Alt Facility RCRA ID</td>
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<td>Alt Facility Sign Date</td>
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<td>MGMT Method Type Code</td>
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<td>Waste Code</td>
<td>F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV</td>
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<td>Not reported</td>
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</tr>
<tr>
<td>Quantity</td>
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<tr>
<td>Units</td>
<td>P - Pounds</td>
</tr>
<tr>
<td>Number of Containers</td>
<td>002</td>
</tr>
<tr>
<td>Container Type</td>
<td>DF - Fiberboard or plastic drums (glass)</td>
</tr>
<tr>
<td>Handling Method</td>
<td>B Incineration, heat recovery, burning.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>01.00</td>
</tr>
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Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

J123
South 310 WALTON AVE
1/8-1/4 BRONX, NY 10451
0.139 mi. 0.87 mi.
733 ft.

Site 16 of 16 in cluster J

<table>
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<th>Relative: Higher Actual: 30 ft.</th>
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<tr>
<td>RCRA NonGen / NLR:</td>
<td>1004755458</td>
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<tr>
<td>FINDS</td>
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<tr>
<td>ECHO</td>
<td>NY MANIFEST</td>
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| Date form received by agency: 01/01/2007 |
| Facility name: B & M LINEN CORP |
| Facility address: 310 WALTON AVE BRONX, NY 10451428 |
| EPA ID: NY0000002733 |
| Mailing address: WALTON AVE BRONX, NY 10451428 |
| Contact: MIRON MARKUS |
| Contact address: WALTON AVE BRONX, NY 10451428 |
| Contact country: US |
| Contact telephone: (718) 585-3535 |
| Contact email: Not reported |
| EPA Region: 02 |
| Classification: Non-Generator |
| Description: Handler: Non-Generators do not presently generate hazardous waste |
B & M LINEN CORP (Continued)

Owner/Operator Summary:

Owner/operator name: A T & T
Owner/operator address: 227 W MONROE SUITE 1004
Owner/operator country: US
Owner/operator telephone: (312) 230-5239
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/07/2000
Owner/Op end date: Not reported

Owner/operator name: GARTH ORG & DOLLED ASSOC
Owner/operator address: 250 W 49TH ST
Owner/operator country: US
Owner/operator telephone: (212) 231-5700
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: A T & T
Owner/operator address: 227 W MONROE SUITE 1004
Owner/operator country: US
Owner/operator telephone: (312) 230-5239
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/07/2000
Owner/Op end date: Not reported

Owner/operator name: GARTH ORG & DOLLED ASSOC
Owner/operator address: 250 W 49TH ST
Owner/operator country: US
Owner/operator telephone: (212) 231-5700
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
B & M LINEN CORP (Continued)

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/15/2000
Site name: B & M LINEN CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/11/2006
Site name: B & M LINEN CORP
Classification: Not a generator, verified

Waste code: D000
Waste name: LEAD

Waste code: D008
Waste name: LEAD

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROTHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLORETHYLENE, 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/15/2001
Site name: B & M LINEN CORP
Classification: Conditionally Exempt Small Quantity Generator

Waste code: D007
Waste name: CHROMIUM

Date form received by agency: 01/01/2006
Site name: B & M LINEN CORP
Classification: Not a generator, verified

FINDS:

Registry ID: 110004307526

TC5022723.2s  Page 281
### Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](http://echo.epa.gov/detailed-facility-report?fid=110004307526) while viewing on your computer to access corrective action activities required under RCRA.
B & M LINEN CORP (Continued)

Generator EPA ID: NY0000002733
Trans1 EPA ID: SCR000075150
Trans2 EPA ID: NJD071629976
TSDF ID 1: OHD980587364
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Specific Gravity: B Incineration, heat recovery, burning.
Handling Method: DF - Fiberboard or plastic drums (glass)
Number of Containers: 003
Units: P - Pounds
Quantity: 00180

Click this hyperlink while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

Q124 NE 1/8-1/4 mile
741 ft. Site 1 of 10 in cluster Q

Relative: Higher
Actual: 43 ft.

RCRA-CESQG: MTA NYCT - 149TH ST GRAND CONCOURSE STA
Date form received by agency: 01/01/2007
Facility name: MTA NYCT - 149TH ST GRAND CONCOURSE STA
Facility address: E 149TH ST & GRAND CONCOURSE
2 & 5 LINE
BRONX, NY 10451
EPA ID: NYR000126490
MTA NYCT - 149TH ST GRAND CONCOURSE STA (Continued) 1007571090

Mailing address: BROADWAY 2ND FLOOR
NEW YORK, NY 10004
Contact: THOMAS A ABDALLAH
Contact address: BROADWAY 2ND FLOOR
NEW YORK, NY 10004
Contact country: US
Contact telephone: (646) 252-3500
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 03/01/1968
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 03/01/1968
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
MTA NYCT - 149TH ST GRAND CONCOURSE STA (Continued) 1007571090

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: MTA NYCT - 149TH ST GRAND CONCOURSE STA
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/11/2004
Site name: MTA NYCT - 149TH ST GRAND CONCOURSE STA
Classification: Large Quantity Generator

- Waste code: D008
- Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYR0000126490
Facility Status: Not reported
Location Address 1: 149TH ST & GRAND CONCOURSE STA
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPA ID: NYR0000126490
Mailing Name: NYCTA CPM ENV ENG
Mailing Contact: N/S
Mailing Address 1: 2 BROADWAY 2ND FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6462523500

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/07/2013
Trans1 Recv Date: 10/07/2013
Trans2 Recv Date: Not reported
**MTA NYCT - 149TH ST GRAND CONCOURSE STA (Continued)**

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<td>RCRA NonGen / NLR:</td>
<td>CON EDISON</td>
</tr>
<tr>
<td>NE</td>
<td>E 149TH ST &amp; GRAND CONCOURSE</td>
</tr>
<tr>
<td>1/8-1/4</td>
<td>BRONX, NY 10455</td>
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<tr>
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<td>741 ft.</td>
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Click this hyperlink while viewing on your computer to access 6 additional NY_MANIFEST: record(s) in the EDR Site Report.
CON EDISON (Continued) 1012185309

Contact address: Not reported
Contact country: US
Contact telephone: (212) 580-8383
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 09/12/2008
- Site name: CON EDISON
- Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
- Country: USA
- EPA ID: NYP004161121
- Facility Status: Not reported
- Location Address 1: 149TH ST & GRAND CONCOURSE
- Code: BP
- Location Address 2: EXCAVATION
- Total Tanks: Not reported
- Location City: BRONX
- Location State: NY
- Location Zip: Not reported
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYP004161121
- Mailing Name: CONSOLIDATED EDISON
- Mailing Contact: FRANKLYN MURRAY
- Mailing Address 1: 4 IRVING PL RM 828
- Mailing Address 2: Not reported
- Mailing City: NEW YO
- Mailing State: NY
- Mailing Zip: 10003
- Mailing Zip 4: Not reported
- Mailing Country: USA
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**NY MANIFEST:**

- **Document ID:** Not reported
- **Manifest Status:** Not reported
- **seq:** Not reported
- **Year:** 2008
- **Trans1 State ID:** NYD006982359
- **Trans2 State ID:** Not reported
- **Generator Ship Date:** 09/12/2008
- **Trans1 Recv Date:** 09/12/2008
- **Trans2 Recv Date:** Not reported
- **TSD Site Recv Date:** 09/15/2008
- **Part A Recv Date:** Not reported
- **Part B Recv Date:** Not reported
- **Generator EPA ID:** NYP004161121
- **Trans1 EPA ID:** Not reported
- **Trans2 EPA ID:** Not reported
- **TSDF ID 1:** NYD980593636
- **TSDF ID 2:** Not reported
- **Manifest Tracking Number:** 001432830FLE
- **Import Indicator:** N
- **Export Indicator:** N
- **Discr Quantity Indicator:** Y
- **Discr Type Indicator:** N
- **Discr Residue Indicator:** N
- **Discr Partial Reject Indicator:** N
- **Discr Full Reject Indicator:** N
- **Manifest Ref Number:** Not reported
- **Alt Facility RCRA ID:** Not reported
- **Alt Facility Sign Date:** Not reported
- **MGMT Method Type Code:** H135
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Quantity:** 30.0
- **Units:** G - Gallons (liquids only)* (8.3 pounds)
- **Number of Containers:** 1.0
- **Container Type:** DM - Metal drums, barrels
- **Handling Method:** T Chemical, physical, or biological treatment.
- **Specific Gravity:** 1.0
- **Waste Code:** D018
- **Waste Code 1_2:** Not reported
- **Waste Code 1_3:** Not reported
- **Waste Code 1_4:** Not reported
- **Waste Code 1_5:** Not reported
- **Waste Code 1_6:** Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
**Owner/Operator Summary:**
- **Owner/operator name:** BP WEST COAST PRODUCTS
- **Owner/operator address:** PO BOX 6138, ARTESIA, CA 90702
- **Owner/operator country:** US
- **Owner/operator telephone:** (714) 670-3928
- **Legal status:** Private
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** 11/13/1970
- **Owner/Op end date:** Not reported

- **Owner/operator name:** BP WEST COAST PRODUCTS
- **Owner/operator address:** Not reported
- **Owner/operator country:** US
- **Owner/operator telephone:** Not reported
- **Legal status:** Private
- **Owner/Operator Type:** Operator
- **Owner/Op start date:** 11/13/1970
- **Owner/Op end date:** Not reported

---

**Relative:** Lower
**Actual:** 12 ft.

**Date form received by agency:** 10/12/2011

**Facility name:** BP WEST COAST PRODUCTS #13990

**Facility address:** 99 E 149TH ST, BRONX, NY 10451

**EPA ID:** NYD986987899

**Mailing address:** PO BOX 80249, RANCHO SANTA MARGARITA, CA 92688

**Contact:** MARK OKAMOTO
**Contact address:** PO BOX 6038, ARTESIA, CA 90702

**Contact country:** US
**Contact telephone:** (723) 743-0901
**Contact email:** MARK.OKAMOTO@BP.COM

**EPA Region:** 02
**Classification:** Conditionally Exempt Small Quantity Generator
**Description:** Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.
BP WEST COAST PRODUCTS #13990 (Continued) 1000556230

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

- Waste code: D001
- Waste name: IGNITABLE WASTE

- Waste code: D018
- Waste name: BENZENE

Historical Generators:
- Date form received by agency: 01/01/2007
  - Site name: RIVER GAS CORP
  - Classification: Not a generator, verified

- Date form received by agency: 01/01/2006
  - Site name: RIVER GAS CORP
  - Classification: Not a generator, verified

- Date form received by agency: 07/08/1999
  - Site name: RIVER GAS CORP
  - Classification: Not a generator, verified

- Date form received by agency: 12/13/1991
  - Site name: RIVER GAS CORP
  - Classification: Large Quantity Generator

- Waste code: D000
- Waste name: Not Defined

- Waste code: D001
- Waste name: IGNITABLE WASTE

- Waste code: D008
- Waste name: LEAD

- Waste code: D018
- Waste name: BENZENE

Violation Status: No violations found

US AIRS MINOR:
- Envid: 1000556230
- Region Code: 02
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**US AIRS MINOR:**

| Region Code: | 02 |
| Programmatic ID: | AIR NY0000002600400054 |
| Facility Registry ID: | 110001566225 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1988-04-13 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |

**NY MANIFEST:**

| Country: | USA |
| EPA ID: | NYD986987899 |
| Facility Status: | Not reported |
| Location Address 1: | 99 E 149TH ST |
| Code: | BP |
| Location Address 2: | Not reported |
| Total Tanks: | Not reported |
| Location City: | BRONX |
| Location State: | NY |
| Location Zip: | 10451 |
| Location Zip 4: | Not reported |

**NY MANIFEST:**

| EPAID: | NYD986987899 |
| Mailing Name: | BP WEST COAST PRODUCTS #13990 |
| Mailing Contact: | BP PRODUCTS NORTH AMERICA |
| Mailing Address 1: | PO BOX 80249 |
| Mailing Address 2: | Not reported |
| Mailing City: | RANCHO SANTA MARGARITA |
| Mailing State: | CA |
| Mailing Zip: | 92688 |
| Mailing Zip 4: | Not reported |
| Mailing Country: | USA |
| Mailing Phone: | 9494605200 |

**NY MANIFEST:**

| Document ID: | Not reported |
| Manifest Status: | Not reported |
| seq: | Not reported |
| Year: | 2011 |
| Trans1 State ID: | NJR0000023036 |
| Trans2 State ID: | Not reported |
BP WEST COAST PRODUCTS #13990 (Continued)

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<td>Handling Method:</td>
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<tr>
<td>Specific Gravity:</td>
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Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

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<th>NYD986987899</th>
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<tr>
<td>Mail City/State/Zip:</td>
<td>RANCHO SANTA MARGARITA, CA 92688</td>
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<tr>
<td>Facility Phone:</td>
<td>Not reported</td>
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<tr>
<td>Emergency Phone:</td>
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</tr>
<tr>
<td>Contact:</td>
<td>MARK OKAMOTO</td>
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BP WEST COAST PRODUCTS #13990  (Continued)

Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 004059749JJK
EPA ID: NYD986987899
Date Shipped: 10/18/2011
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000023036
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: RANCHO SANTA MARGARITA, CA 92688
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D018
Hand Code: H061
Quantity: 540.00 Pounds
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<th>Contact Name</th>
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<th>Address 2</th>
<th>City</th>
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<th>EMail</th>
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<tbody>
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<td>MOBIL OIL CORP; ATT:A.J.PRINGLE</td>
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<td>FAIRFAX</td>
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<td>22037</td>
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<td>Not reported</td>
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<td>2010-03-10</td>
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<td>5139</td>
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<td>MOBIL S/S 17-KRQ BRONX TERMINA</td>
<td>D SHAPIRIO</td>
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<td>Not reported</td>
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<td>NN</td>
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**UST:**
- Id/Status: 2-156590 / Inactive
- Program Type: PBS
- Region: STATE
- DEC Region: 2
- Expiration Date: N/A
- UTM X: 590232.9850
- UTM Y: 4519246.6835
- Site Type: Unknown

**Facility Owner Affiliation Type:**
- MOBIL S/S 17-KRQ BRONX TERMINA
- 99 EAST 149TH STREET
- BRONX, NY 10451

**Site Details:**
- Relative: Lower
- Actual: 12 ft.
- Site 6 of 9 in cluster M

**Site Information:**
- Map ID: M127
- Direction: North
- Distance: 0.148 mi.
- Elevation: 781 ft.
- Site Type: 4519246.68835
- UTM Y: 590232.98255
- Region: PBS
- Program Type: STATE
- Region: STATEREGION

**Database(s):**
- EPA ID Number: U000407670
- EDR ID Number: N/A
### Equipment Records:

- **D02** - Pipe Type - Galvanized Steel
- **J02** - Dispenser - Suction Dispenser
- **H00** - Tank Leak Detection - None
- **C00** - Pipe Location - No Piping
- **A00** - Tank Internal Protection - None
- **G00** - Tank Secondary Containment - None
- **I00** - Overfill - None
- **B00** - Tank External Protection - None
- **F00** - Pipe External Protection - None

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**MOBIL S/S 17-KRQ BRONX TERMINA** (Continued)  
**U000407670**

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<th>Zip Code:</th>
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<tbody>
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<td>Country Code:</td>
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<tr>
<td>Phone:</td>
<td>(212) 292-4400</td>
</tr>
<tr>
<td>EMail:</td>
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<td>Fax Number:</td>
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<tr>
<td>Contact Type:</td>
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</tr>
<tr>
<td>Contact Name:</td>
<td>D SHAPIRIO</td>
</tr>
<tr>
<td>Address1:</td>
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<tr>
<td>Address2:</td>
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<tr>
<td>City:</td>
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<td>Phone:</td>
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<tr>
<td>Material Name:</td>
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<tr>
<td>Capacity Gallons:</td>
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<tr>
<td>Date Tank Closed:</td>
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<tr>
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<tr>
<td>Common Name of Substance:</td>
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<tr>
<td>Tightness Test Method:</td>
</tr>
<tr>
<td>Date Test:</td>
</tr>
<tr>
<td>Next Test Date:</td>
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<tr>
<td>Pipe Model:</td>
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<tr>
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MOBIL S/S 17-KRQ BRONX TERMINA  (Continued)

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<td>A00 - Tank Internal Protection - None</td>
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<tr>
<td>G00 - Tank Secondary Containment - None</td>
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</tr>
<tr>
<td>I00 - Overfill - None</td>
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<tr>
<td>C00 - Pipe Location - No Piping</td>
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<tr>
<td>J02 - Dispenser - Suction Dispenser</td>
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<tr>
<td>H00 - Tank Leak Detection - None</td>
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<tr>
<td>B00 - Tank External Protection - None</td>
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<tr>
<td>F00 - Pipe External Protection - None</td>
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<thead>
<tr>
<th>Equipment Records:</th>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<tr>
<td>G00 - Tank Secondary Containment - None</td>
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<td>C00 - Pipe Location - No Piping</td>
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<td>Material Name:</td>
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<td>Date Tank Closed:</td>
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<td>Tank Type:</td>
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<td>Equipment Records:</td>
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<tr>
<td>G00 - Tank Secondary Containment - None</td>
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<td>A00 - Tank Internal Protection - None</td>
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<tr>
<td>C00 - Pipe Location - No Piping</td>
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MOBIL S/S 17-KRQ BRONX TERMINA (Continued) U000407670

H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 004
Tank ID: 27343
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 09/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 005
Tank ID: 27344
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 09/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004
MOBIL S/S 17-KRQ BRONX TERMINA (Continued)  U000407670

Equipment Records:

Tank Number: 006
Tank ID: 27345
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 09/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

Tank Number: 007
Tank ID: 27346
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 06/09/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

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### MOBIL S/S 17-KRQ BRONX TERMINA

(Continued)

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<td>Last Modified:</td>
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**Equipment Records:**

- D02 - Pipe Type - Galvanized Steel
- H00 - Tank Leak Detection - None
- C00 - Pipe Location - No Piping
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

**MOBIL S/S 17-KRQ BRONX TERMINA**

**NY LTANKS:**

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<th>NY Spills</th>
<th>S104278682</th>
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**5/14/2003 MOBIL**

**99 EAST 149TH ST**

**BRONX, NY**

**0.148 mi.**

**781 ft.**

**Site 7 of 9 in cluster M**

**Relative:**

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<th>Actual</th>
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<td>12 ft.</td>
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**LTANKS:**

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<td>8905353 / 2003-03-04</td>
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<tr>
<td>Spill Date:</td>
<td>1989-06-30</td>
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<td>Spill Cause:</td>
<td>Tank Test Failure</td>
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<tr>
<td>Spill Source:</td>
<td>Commercial/Industrial</td>
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<tr>
<td>Spill Class:</td>
<td>Known release that creates a fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.</td>
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<td>Cleanup Ceased:</td>
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<td>Cleanup Meets Standard:</td>
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<td>SWIS:</td>
<td>0301</td>
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<td>Investigator:</td>
<td>KMFoley</td>
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<td>CID:</td>
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**DEC Memo:** *Prior to Sept. 2004 data translation this spill Lead_DEC Field was K FOLEY 3/04/2003 - Closed Due To The Nature / Extent Of The Spill Report 1/2/03 Reassigned From Sigona To Foley. Investigation Being*

**Remarks:**
"4K TANK FAILED PETRO-TITE. L R = 1 GAL / 30 MIN. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS."

**Material:**
- **Site ID:** 268761
- **Operable Unit ID:** 933011
- **Operable Unit:** 01
- **Material ID:** 445790
- **Material Code:** 0009
- **Material Name:** gasoline
- **Case No.:** Not reported
- **Material FA:** Petroleum
- **Quantity:** -1.00 Pounds
- **Recovered:** .00
- **Resource Affected:** Not reported
- **Oxygenate:** Not reported

**Tank Test:**
- **Site ID:** 268761
- **Spill Tank Test:** 1535936
- **Tank Number:** Not reported
- **Tank Size:** 0
- **Test Method:** 00
- **Leak Rate:** .00
- **Gross Fail:** Not reported
- **Modified By:** Spills
- **Last Modified:** Not reported
- **Test Method:** Unknown

**Spill Details:**
- **Site ID:** 268763
- **Spill Number/Closed Date:** 9909670 / 2008-11-13
- **Spill Date:** 1999-11-09
- **Spill Cause:** Tank Test Failure
- **Spill Source:** Gasoline Station or other PBS Facility
- **Spill Class:** Known release that creates potential for fire or hazard. DEC Response.
- **Willing Responsible Party:** Corrective action taken.
"PBS 2.156590 1/20/04 File review (Foley): Prior to divesting this site in March 1990, a site assessment was performed by Roux (hired by Mobil) which indicated elevated BTEX existed in both groundwater and soil, but no free product was found. Upon transfer of property (8/90), the new owner began to install new USTs. During tank replacement, 875 tons of contaminated soil was removed and disposed of. During construction, two upgradient wells were destroyed. Three downgradient wells remained intact. The two wells which were destroyed showed ND for BTEX during sampling. In May 1991, there was an apparent vapor problem in the kiosk at the now active Amoco station. Amoco installed a venting system to alleviate the problem. Based on this, Mobil installed two borings and one well in the vicinity of the kiosk. The report indicated that the soils surrounding the kiosk did not contain very high levels of BTEX in soil. The monitoring well installed contained 0.01' of product. This well is upgradient of all former Mobil tank areas. Additional construction at the site for a car wash has destroyed three downgradient wells. Thus, only one well remains on the property. However, upon completion of the construction, up to ten additional wells shall be installed at the site. Wells will be installed after construction is completed. 11/91 Eleven monitoring wells and a sparge point were installed. 12/9/91 MW-11 had 0.84' of product. 1/22/92 MW-11 had 0.21' of product. 2/20/92 MW-11 had 7.16' of product. A vac truck has been scheduled on a biweekly basis to extract LNAPL from MW-11. 3/92 LNAPL was detected in MW-11 (0.07-3.02'). Approx 70gal was extracted from MW-11 on 3/4, 3/13, 3/16 using vac truck. Trace amounts of LNAPL were hand-bailed from MW-11 on 3/18 & 3/27. Water sample from car wash well was collected by Tyree, analyzed by Method 602, and returned ND. 4/92 MW-11 had 0.08-0.18' of LNAPL and approx 2.5gal LNAPL bailed. 6/8/92 An EZY Skimmer was installed in MW-11. 7/92-6/93 No LNAPL was detected in any wells. 1/94-3/94 MW-10 had 0.28' product. MW-11 had 0.01' product. 5/94 MW-11 had trace amount of product. 7/11/94 SVE started.
DTW 16' bgs. 6 combination SVE/AS points. Will sample all MWS before sparge system started. 2/8/95 0.01' product in BD-1. BTEX from ND(MW-1) to 30,000ppb(MW-5). 10/27/99 Cross Deegan Realty notified by station operator of possible inventory loss. Alvin Petroleum exposed portions of system over next two weeks. No system leaks were detected. 11/9/99 Alvin Petro. requests a tightness test be performed. Crompco detected a leak in one of the four tanks and reported the failure. 11/10/99 Alvin Petro. exposed and removed remote fill box on the tank that failed test. A coupling that connects the piping to the overflow box was found cracked. The coupling was replaced and system retested tight. 11/16/99 Crompco retested system with FDNY and passed. 11/22/99 Impact Environmental performed a limited subsurface investigation of soil adjacent to coupling and concluded that gasoline had impacted soil/GW. Report states that current owner only intends on addressing contamination from 10/99 spill and not the 1992 spill. 10/31/00 Three wells sampled and gauged. SVE system removed from service. ORC socks in wells MW-1 and MW-5. BTEX from 15ppb(MW-12) to 868ppb(MW-1). MTBE from 31ppb(MW-11) to 49,000ppb(MW-1). 2/5/01 Seven wells sampled. BTEX from ND(MW-12) to 240ppb(MW-1). MTBE from <1ppb(MW-12) to 64,000ppb(MW-7). 4/26/01 Seven wells sampled. MTBE has increased in monitoring wells hydraulically downgradient from the current dispenser island and USTs. MTBE ranged from 14ppb(MW-11) to 920,000ppb(MW-10). BTEX ranged from 12.8ppb(MW-11) to 6,080ppb(MW-10). 10/23/01 Eight wells sampled. BTEX from 14ppb(MW-6) to 4,750ppb(MW-10). MTBE from 18ppb(MW-11) to 270,000ppb(MW-10). 1/17/02 Eight wells sampled. BTEX from ND(MW-5) to 1,794ppb(MW-10). MTBE from 29(MW-5) to 65,000ppb(MW-7). 4/30/01 Seven wells sampled. BTEX from ND(MW-5 & MW-6) to 1173ppb (MW-10). MTBE from 7.6ppb(MW-1) to 6,080ppb(MW-10). 10/23/01 Eight wells sampled. BTEX from 14ppb(MW-11) to 920,000ppb(MW-10). BTEX ranged from 12.8ppb(MW-11) to 6,080ppb(MW-10). 10/27/99 Cross Deegan Realty notified by station operator of possible inventory loss. Alvin Petroleum exposed and removed remote fill box on the tank that failed test. A coupling that connects the piping to the overflow box was found cracked. The coupling was replaced and system retested tight. 11/16/99 Crompco retested system with FDNY and passed. 11/22/99 Impact Environmental performed a limited subsurface investigation of soil adjacent to coupling and concluded that gasoline had impacted soil/GW. Report states that current owner only intends on addressing contamination from 10/99 spill and not the 1992 spill. 10/31/00 Three wells sampled and gauged. SVE system removed from service. ORC socks in wells MW-1 and MW-5. BTEX from 15ppb(MW-12) to 868ppb(MW-1). MTBE from 31ppb(MW-11) to 49,000ppb(MW-1). 2/5/01 Seven wells sampled. BTEX from ND(MW-12) to 240ppb(MW-1). MTBE from <1ppb(MW-12) to 64,000ppb(MW-7). 4/26/01 Seven wells sampled. MTBE has increased in monitoring wells hydraulically downgradient from the current dispenser island and USTs. MTBE ranged from 14ppb(MW-11) to 920,000ppb(MW-10). BTEX ranged from 12.8ppb(MW-11) to 6,080ppb(MW-10). 10/23/01 Eight wells sampled. BTEX from 14ppb(MW-6) to 4,750ppb(MW-10). MTBE from 18ppb(MW-11) to 270,000ppb(MW-10). 1/17/02 Eight wells sampled. BTEX from ND(MW-5) to 1,794ppb(MW-10). MTBE from 29(MW-5) to 65,000ppb(MW-7). 4/30/02 Six wells sampled. BTEX from ND(MW-5 & MW-6) to 1173ppb (MW-10). MTBE from 7.6ppb(MW-1) to 24,000ppb(MW-5). 5/15/02 Sensitive Receptor survey identified PS 31 approx 850' to the southeast. There are residential and commercial buildings with basements immediately adjacent to the site to the north. A subway tunnel is located beneath E 149th St.

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03/17/03 REASSIGNED FROM ROMMEL TO VOUGHT. 11/18/03 Received CAP/Remediation Plan, 3rd Quarter 2003 monitoring report, and tank test results(pass). 12/10/03 Reassigned from Vought to Foley. See closed spills #0307681, 9208906. Review of Remediation Plan: A SVE/AS system was installed by Handex and operated on the property to address spill #9208906. The system is comprised of four soil vapor extraction wells and six air sparge points. At this time, the system is not operational. A monitoring program is being performed. 11/9/99 Tank system tightness test performed by Crompco indicated a leak near the remote fill box. The leak was repaired. Soil staining and petroleum odor was noted below the fill box. Spill 9909670 was reported. 11/22/99 Impact Environmental started subsurface investigation. Groundwater results exceeded standards. 7/7, 7/25, 10/23/00 Enhanced fluid recovery performed on MW-2 as an IRM. Impact Environmental proposes 1) monthly EFR on hottest wells for 6 months, 2) replacement/upgrade of air sparge equipment installed to address #9208906, 3) SVES to be modified to include MW-2. 9/3/00 Impact Environmental sampling data (for Mobil): BTEX ranged from 0.01' product in BD-1. BTEX levels range from from ND(MW-5 & MW-6) to 24,000ppb(MW-5). 5/15/02 Sensitive Receptor survey identified PS 31 approx 850' to the southeast. There are residential and commercial buildings with basements immediately adjacent to the site to the north. A subway tunnel is located beneath E 149th St.

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MOBIL (Continued) S104278682
MOBIL (Continued)

ND(MW-12) to 6923ppb(MW-6). MTBE ranges from ND(MW-12) to 869,600ppb(MW-6). 2/2/04 Faxed stip to Mr. Hank Alpert, Cross Deegan Realty. Due back 2/23/04. (FAX 516-365-1606) 2/11/04 STIP returned. Cover letter states that a previous CAP for spill #9909670 was already approved by DEC and was authorized to develop CAP for spill #0307681 (dated 11/13/03). 2/13/04 STIP fully executed. 3/4/04 Letter received from DDC(Bruce Rottner) to J. Semelmacher. Requests Amoco's participation in DOT reconstruction project instead of reimbursement of cleanup costs. 3/15/04 Called B. Rottner. He explained that he received a phonecall from the owners attorney who stated that contamination was from a Dept of Sanitation garage. However, monitoring well on that property was installed and was clean. Spartan will be sending another letter to DDC at which time B. Rottner will forward a copy to me. 3/10/04 Received 1Q04 monitoring report. Need to delineate around MW-6 and MW-2. 6/18/04 Received 2Q2004 monitoring report. 6/30/04 Met with Spartan Petroleum (H. Alpert) and Impact Env. Received hand-delivered letter dated 6/28/04. Site is located on 149th St between Gerard and River Avenues. The site was impacted by a release detected in 1992 while under lease to Mobil Oil. Mobil installed an SVE/AS system. A new release was confirmed and Spartan released Mobil from contractual obligations. As an IRM, EFR was performed on MW-2. Approx 1075gal GW was extracted. An enhanced SVE/AS was run from July 12, 2001 to the present. During the period from 11/9/99 to 3/3/03, there was a steady decline in contaminant concentrations. In May 2003, BTEX concentrations began to increase unexpectedly. A system test was performed and all lines and tanks tested tight. An off-site source was suspected. Identified a NYCDOS truck terminal upgradient. Also found many monitoring wells on the NYSDEC site. Thru a FOIL request, review of the NYSDEC files indicate that the NYCDOS site is impacting 99 E 149th St. Request closure. 10/4/04 Received 3Q04 monitoring report. 11/19/04 Met with K. Kleaka and K. Scroope, Impact Env. NYCDOS property on eastside of Gerard Avenue (DOS Manhattan West 9). See spill #s 9513870, 9910856. 11/23/04 Email from J. Kelleeny- City’s consultant, LiRo, had been performing EFR on wells with free product for several years until last year when a multi-phase extraction system went on line. A MW along E 149th St has had product in it which LiRo identified as weathered #2FO. Although they have been willing to vac out this well, and the remedial system now has extraction wells near it, LiRo has argued that the product in the well was likely coming from off-site because they claimed there was no DOS tanks at that end of their site. However, the PBS list an old 2000gal heating oil tank and a new (4/03) tank at the site. Asked LiRo to locate these tanks. Will keep me updated. 4/13/05 Spoke to K. Kleaka, Impact Env. Will be proposing to shutdown system soon as recovery is decreasing. Still concerned about DOS site having impacts on property. Proposal will include confirmatory soil sampling. 5/6/05 1Q05- GW sample collected on 3/14/05 from MW-8 did not detect any VOCs. Samples from MW-1 and MW-5 detected concentrations of VOCs but not above GWQS. MW-12 was paved over. Several detected concentrations from MW-2,6,7,9,10 & 11 exceeded GWQS. These concentrations are within ROI of system. Told H. Benjamin that it was not necessary to reinstall MW-12. 5/23/05 Sent email to K. Kleaka, Impact Env. After reviewing the July 2004-Sept 2004 and Jan 2005-March 2005 quarterly reports for Manhattan West 9 (operated by NYCDOS at 125 East 149th St, Bronx), it is not clear that the contamination detected at MW-2 is due to impacts from the NYCDOS facility. Historical data for 99 E 149th St shows a
significant spike of MTBE at MW-6 (869.6 ppm) and at MW-2 (191.2 ppm).

The historical data for the NYCDOS facility, dating back to 2000 (with some data gaps), does not indicate that the facility is acting as a source of off-site contamination. The only MTBE detection in the NYCDOS wells was in the NW corner of the property (170 ppm in 1/00).

NYSDOS has been operating a MPE system since 11/12/03. 11/8/05 3Q05 report - Total of 537.84 lbs of hydrocarbons removed. Approx 9 lbs recovered in last 22 day period. Groundwater concentrations highest in MW-2 at 1420 ppm total BTEX and 1500 ppm MTBE. MW-6 at 1000 ppm BTEX and 53 ppm MTBE. MW-7 at 100 ppm BTEX and 56 ppm MTBE. 1/11/06 Met with K. Kleaka and H. Benjamin, Impact. To submit 4Q05 report. Redeveloped sparge points to try and increase efficiency of system which continues to operate. 2/17/06 4Q05 report submitted. SVE continues to operate. Lab analysis from 11/28/05 did not detect VOCs in MW-8. Wells MW-5 and MW-11 had concentrations which did not exceed GWQS. Samples from MW-1, 2, 6, 9, and 10 did exceed GWQS. 3/30/06 1Q06 report submitted. BTEX from ND (MW-1, 5, 6, 8, 9, 11) to 970 ppm (MW-2). MTBE from ND (MW-5, 6, 8) to 980 ppm (MW-2). SVE continues to operate. Total estimated hydrocarbons recovered is 538 lbs. 6/30/06 DEC lead transferred from K. Foley to J.A. Maisonave. - JAM 11/27/06 Reviewed 2nd and 3rd Qtr 2006 Monitoring Reports. Groundwater contamination persists in the area of monitoring well MW-2 (~4000 ppm). H. Benjamin of Impact Env. proposed performing a pulse test on the system to see if rebound will occur since the system appears to have reached asymptotic conditions. I sent an email to Mr. Benjamin requesting a map showing the radius of influence for each air sparge and SVE point and that GW contamination at MW-2 must be addressed. I also asked if there was soil contamination at the site. If so, has the SVE system effectively treated it? Must prove by confirmatory soil sampling. Email is in the file. - JAM 02/13/07 Reviewed a letter submitted by Impact Env. and dated January 17, 2007. The letter proposes: 1. All monitoring wells will be redeveloped utilizing a surge block and vacuum truck. 2. Monthly Enhanced Fluid Recovery (EFR) events will be performed on MW-2 to reduce the contaminant concentrations in the surrounding area. Said events will be performed utilizing a 2X4 inch diameter K-Packer on a 2-inch diameter drop pipe to maximize liquid and vapor capture. 3. Groundwater sampling will continue on a quarterly schedule. 4. SVE & Sparge operations will continue with the existing system. I sent an email approving these proposals. Groundwater sampling data and recommendations will be submitted in the next quarterly report. A hard copy of the email will be in the file. - JAM 3/29/07 Reviewed 4th Qtr 2006 Monitoring Report submitted by Impact Env. and dated March 6, 2007. All wells were sampled on November 29, 2006. Results were non-detect for total VOCs except for MW-2, which shows persistent levels of VOCs (2,675 ppm Total VOCs). The SVE/AS system continues to operate at the site. According to the report, monthly EFR events on MW-2 should have begun in February 2007 and results will be included in the next Monitoring Report. - JAM 6/21/07 Reviewed 1st Qtr 2007 Monitoring Report submitted by Impact Env and dated May 30, 2007. On February 28, 2007, all wells were redeveloped and EFR events commenced on MW-2. All wells were then sampled on March 1, 2007. Wells MW-1, MW-6, and MW-9 showed non-detect results for total VOCs. Wells MW-5, MW-7, MW-8, MW-10 and MW-11 had slight exceedences for Naphthalene (ranging from 272 ppm to 880 ppm). MW-2 showed a decrease of total VOCs from last monitoring round to 1,986 ppm. The SVE/AS system continues to operate. - JAM 12/04/07 Reviewed 2nd Qtr 2007 Monitoring Report submitted by Impact Env.
MOBIL (Continued)

Env and dated Sept 18, 2007. All wells were sampled on June 14, 2007 and monthly EFR events continue on MW-2. Wells MW-1, MW-2, MW-9, MW-10 and MW-11 showed exceedences for total VOCs. Wells MW-5, MW-6 were not sampled because they were dry. MW-2 still has the highest level of VOCs, however, it showed a decrease from the last monitoring round to 857ppb from 1,936ppb. The SVE/AS system continues to operate. - JAM

Reviewed 3rd Qtr 2007 Monitoring Report submitted by Impact Env and dated Oct 30, 2007. All wells were sampled on Sept 6, 2007 and monthly EFR events continue on MW-2. Results from wells MW-1, MW-2, MW-5, MW-6, MW-7, MW-8 and MW-9 showed non-detect levels for total VOCs. Wells MW-10, MW-11 showed minor exceedences for MTBE (44ppb and 50ppb respectively). Based on the latest result, monthly EFR events appear to have effectively reduced contaminants in MW-2. The SVE/AS system continues to operate. - JAM

4/14/08 Received a call from Hal Benjamin about the Exposure Assessment submitted in March 2008 by Impact Env. They are requesting spill closure and I will get back to him after I review the report. - JAM

5/1/08 Reviewed Exposure Assessment Report. Based on the Exposure Assessment, Impact Env. concludes that the source of contamination has been effectively mitigated and small levels of residual groundwater contamination pose no threat to human health. Impact requests spill closure. I requested a summary of historic soil data associated with this spill. -JAM

6/11/08 Spoke to Hal Benjamin, Impact. An on-site well provides the operating car wash with water. I requested that this well be sampled and results reported in a letter. Spill closure will be reevaluated when results are available. - JAM

8/8/08 Reviewed letter from Spartan dated July 16, 2008. The on-site well that services the carwash was sampled and all analytes were found non-detect. I called Hal and asked the depth at which the carwash well pulls water from and if there are any sampling requirements for that well. He will get back to me. - JAM

11/13/08 Since the on-site car wash supply well did not detect VOCs and only minor levels of MTBE were detected in two on-site wells, this site poses no threat to human health or the environment. This spill case was closed and an NFA letter was issued to: Henry Alpert Cross Deegan Realty, Corp. 3333 New Hyde Park Rd, Suite 201 New Hyde Park, NY 11042 NFA letter uploaded to eDocs. - JAM

Not reported

"WILL REPAIR AND RE-TEST AS OF TOMMOROW’S DATE 11-10-99"

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Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: True

Tank Test:
Site ID: 268763
Spill Tank Test: 1547826
Tank Number: Not reported
Tank Size: 4000
Test Method: 20
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: USTest 2000/P/LL plus USTest 2000/U

SPILLS:
Facility ID: 0311549
Facility Type: ER
DER Facility ID: 222041
Site ID: 272852
DEC Region: 2
Spill Date: 2004-01-07
Spill Number/Closed Date: 0311549 / 2004-01-14
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 2004-01-13
CID: 444
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-01-13
Spill Record Last Update: 2004-04-07
Spiller Name: HANK ALPERT
Spiller Company: SPARTAN PETROLEUM
Spiller Address: 3333 NEW HYDE PARK ROAD
Spiller City,St,Zip: NEW HYDE PARK, NY 11042
Spiller Company: 001
Contact Name: BARRY SCHWARTZ
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Contact Phone: (718) 391-1333
DEC Memo: *Prior to Sept, 2004 data translation this spill Lead_DEC Field was K
FOLEY 1/14/2004 contaminated soil letter will be sent to Amaco
1/14/04 To be investigated and remediated under spill #9909670 (KMF)*
Remarks: *DOING SUB SURFACE INVESTIGATION. FOUND CONTAMINATED SOIL. DIGGING
FOR A SEWER PROJECT. WILL NOT BE DOING ANYTHING FURTHER. *

Material:
- Site ID: 272852
- Operable Unit ID: 876905
- Operable Unit: 01
- Material ID: 500347
- Material Code: 0009
- Material Name: gasoline
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: 0.00
- Units: Pounds
- Recovered: 0.00
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:
- Facility ID: 0307681
- Facility Type: ER
- DER Facility ID: 218930
- Site ID: 268760
- DEC Region: 2
- Spill Date: 2003-10-21
- Spill Number/Closed Date: 0307681 / 2003-12-10
- Spill Cause: Unknown
- Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
  Willing Responsible Party. Corrective action taken.
- SWIS: 0301
- Investigator: KMF Foley
- Referred To: Not reported
- Reported to Dept: 2003-10-21
- CID: 281
- Water Affected: Not reported
- Spill Source: Gasoline Station or other PBS Facility
- Spill Notifier: Other
- Cleanup Ceased: Not reported
- Cleanup Meets Std: False
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Trust: False
- Remediation Phase: 0

TC5022723.2s  Page 307
**MOBIL (Continued)**

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<th>Contact Phone:</th>
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| DEC Memo:      | "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 10/21/03 TJD @duty desk Soil contamination letter sent to Amoco. 11/7/03 CALL FROM IMPACT ENV. //REQUESTING INFO// 11/18/03 Received CAP, 3rd Quarter 2003 monitoring report, and tank test results(pass). 11/21/03 transferred from tipple to vought 12/10/03 Reassigned from Vought to Foley. To be investigated and remediated under spill #9909670.(KMF)"
| Remarks:       | "Ground water samples taken at above location reveal contamination. No further information available at time of call."

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**Tank Test:**

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MOBIL (Continued)

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Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1997-10-25
Spill Record Last Update: 2004-01-30
Spiller Name: Not reported
Spiller Company: AMOCO GAS STATION AT
Spiller Address: 99 EAST 149TH STREET
Spiller City,St,Zip: BRONX, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
MULQUEEN 10/30/97 mmm: INSPECTED STATION AND LUBE FACILITY. FOUND NO
EVIDENCE OF DELIBERATE DUMPING."
Remarks: "CALLER STATES SOMEONE AT GAS STATION WAS DUMPING OIL INTO SEWER"

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Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9513870
Facility Type: ER
DER Facility ID: 218930
Site ID: 98782
DEC Region: 2
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Spill Number/Closed Date: 9513870 / 2011-10-13
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: ADZHITOM
Referred To: NFA
Reported to Dept: 1996-01-31
CID: 252
Water Affected: Not reported
Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY LiRo installed and is currently operating a multi-phase extraction system to address soil and groundwater contamination and recover free product. Product in some wells may be from off-site source (?), there’s a nearby gas station and it’s possible that some product in wells at the gas station may be coming from Manhattan 9. See Kerry Foley for details. Kolleeny approved boring locations for LiRo’s semi-annual soil monitoring on October 26, 2004. This site transferred from Kolleeny to A. Zhitomirsky on 4/15/05. - JK 4/20/2005 AZ reviewed a Monitoring Report for the remedial system dated January 28, 2005. The site was formerly managed by Jonathan Kolleeny (NYSDEC). The report presents remedial system performance monitoring data. The report states that based on the site monitoring data, the MPE system is effectively treating contamination. Induced vacuum measurements from monitoring wells MW-3, MW-4 and MW-14 were observed to be below desirable levels. Vacuum should be increased in these wells. LiRo has proposed to shut down extraction wells EW-1, EW-3 and EW-5 since analytical data indicate that no apparent VOC contamination persists in that portion of the site. The Department concurred with this proposal. AZ 6/7-2005 AZ reviewed a Monitoring Report received on May 3, 2005. The report presented remedial system performance and groundwater monitoring data. The report stated that based on the site monitoring data, the MPE system is effectively treating contamination. In the report LiRo proposed to shut down extraction wells EW-1 through EW-6, EW-13 and EW-14, since soil and groundwater data indicate that no apparent VOC contamination persists away from the Gerard Avenue sidewalk portion of the site. The Department concurred with shutting down EW-1, EW-2, EW-3, and EW-13. The other extraction wells should continue to operate to address the remaining soil and groundwater contamination. However, the induced vacuum measurements from monitoring wells along Gerard Avenue were observed to be below desirable levels. The vacuum in nearby extraction wells should be increased to improve the induced vacuum in these monitoring wells. AZ 8-22-2005 Reviewed a Monitoring Report dated July 29, 2005. The report presented remedial system performance and groundwater monitoring data. In the report LiRo proposed to modify the current groundwater sampling schedule. Also, LiRo recommended completing proposed soil borings LBR-9 and LBR-10 with shallow screens to allow them to serve as pressure monitoring points in order to better evaluate system performance. The Department
MOBIL (Continued)

concurred with these proposals. AZ 1-3-2006 Reviewed a Monitoring Report dated November 30, 2005. The report presents remedial system performance and groundwater monitoring data. The report states that elevated VOC concentrations persist in the area of PM-1. Naphthalene was also observed to exceed NYSDEC guidance value at PM-1. Results of recent groundwater sampling indicate that MW-10 continue to exceed 100 ppb total VOCs. In the report LiRo proposes to shut down several extraction wells. The Department concurred with shutting down wells EW-4, EW-6 and EW-14. The remainder of extraction wells should continue to operate to address the remaining soil and groundwater contamination. AZ 4-10-2006 Reviewed a Monitoring Report dated February 27, 2006. LiRo recommended continued operation of extraction wells EW-8, EW-9 and 10 to continue remediation of the soil contamination recently observed at LBR-9/PM-1. AZ 7/5/2006 Reviewed a Monitoring Report for the remedial system dated April 21, 2006. The site was formerly managed by Jonathan Kolleeny (NYSDEC). The report presents remedial system performance monitoring data. Groundwater samples were collected from monitoring wells MW-2, MW-6 and MW-10 on March 1, 2006. TVOCs in MW-6 is 139 ppb which is the highest number observed in this well. The numbers are on the clear upward trend in this well. MW-10 - TVOCs - 91 ppb, MW-2 - TVOCs - 91 ppb - upward trend. AZ 11-20-2006 Reviewed a Monitoring Report for the remedial system dated August 9, 2006. URS proposed to advance a confirmation soil boring SB-5 near MW-04, LBR-02 and PM-01. I called J. Staten (URS) and concurred with this proposal. E-mail with the approval for the soil sampling plan was sent to Jane Staten (URS). AZ 12-18-2006 Reviewed a Monitoring Report for the remedial system dated August 10, 2006. MPE is operated at the site. The vacuum measurements ranged from 0 (MW-07) to 3.1. The closest extraction well to MW-07 has been shut off. Total VOCs and naphthalene ranged from 1 ppb to 56 ppb in MW-02. Low volumes of gw were extracted and treated during this monitoring period. URS has instructed Franklin to adjust the drop tubes in an effort to extract more groundwater. AZ 1-9-2007 Reviewed a Monitoring Report July through October 2006 for the remedial system dated November 14, 2006. MPE is operated at the site. Flowmeter broke at the end of September. It was not fixed; therefore, the total amount of gallons treated is unknown. Vacuum readings in MW-14 is 0 on 3 occasions. GW results - 65 ppb of total VOC in MW-02. AZ 1-23/2007 At the meeting with DDC/URS on January 10, 2007, the site was discussed. The firm, ATC Associates, will be taking over operation of Manhattan West 9. DEC requested that URS will analyze and improve performance of MW-14. AZ 7-6-2007 Reviewed a Monitoring Report for the remedial system for the period of November 2006 through January 2007 and dated February 15, 2007. MPE is operated at the site. The MPE flowmeter continues to malfunction and requires replacement, but ATC will replace the flowmeter at this time. According to the report, only monitoring well MW-02 is exhibiting contaminant concentrations above DEC GW Quality Criteria. The minor exceedances in MW-02 are too low for remedial treatment. On December 2006 URS advanced two soil borings. The analytical results showed VOC exceedances of TAGM #4046 in each soil sample. Total VOCs ranged from 403,400 to 446,260 ppb. Based on the latest sampling results URS will operate MPE system using only extraction well EW-09. Also, drop tubes will be raised to 5’ above GWT to focus on vadose zone contamination. If MPE modifications are not effective, URS will excavate any remaining vadose zone soil contamination. AZ 11/30/2007 I have reviewed System Performance Monitoring Report for the period April through August 2007. An e-mail
was sent to DDC/URS/V. Brevdo: ... URS will sample all monitoring wells during the next quarterly groundwater event. Also, URS will advance a soil boring near the location of boring SB-05. URS requested NYSDEC permission to shut down the MPE system while samples are collected. This recommendation is rejected. Neither soil sampling results of the previous sampling round nor a figure with estimated extent of soil contamination were included in the report. Soil sampling data should be included in proposals for future borings and/or proposals for the system shutdown. Soil sampling performed in December 2006 showed total VOC contamination in a range of 400,000 ppb. These high levels of soil contamination justify continuing operation of the MPE system. AZ 6-5-2008 An e-mail sent to Jane Staten: I have reviewed the System Performance Monitoring Report and Confirmation Soil Sampling results for the above site. I have a few questions/comments: 1. It seems that the contaminated interval is soil is between 5’ and 7’ in the area of MW-04. However, you proposing excavation to the depth of five feet. I suggest performing the excavation to the depth of seven feet underground structures and utilities allowing. Also, the area near soil borings B-3.5, LBR-4 and well MW-10 is not covered by your excavation plan. What are your suggestions for this area? Could you submit to DEC soil plume map so we can decide on the extent of the excavation or other soil remediation strategy? AZ 7-18-2008 An e-mail was sent to URS: DEC concurs to the removal of the MPE system under the condition that the remaining contaminated soil be removed via excavation and end-point samples will be taken to confirm complete removal of the contamination. Also, a soil plume map showing historical contaminant concentrations throughout the site should be included in the post excavation remedial report. AZ 9-12-2008 I contacted Jane Staten. She advised me that URS is preparing documentation for soil excavation. They received DEC approval for excavation. AZ 1-5-2009 Reviewed a Monitoring Report through the 3rd Quarter 2008 and dated October 2, 2008. MPE system was operating since April 2004. Currently MPE system is being removed. On July 28 and 29, 2008, URS sampled groundwater monitoring wells. Total VOCs concentrations ranged from non-detect to 80 ppb. DEC approved hot spot excavation on September 12, 2008. According to the report, URS is currently preparing the bid documents for the excavation work. Due to the low contaminant concentrations in groundwater, DEC suggests decreasing frequency of groundwater sampling from quarterly to semi-annual. An e-mail was sent to DDC/URS/V. Brevdo, AZ 3-3-2009 An e-mail was sent to J. Staten (URS): It seems that monitoring well MW-16 should be decommissioned. If the floor of the garage is covered in oily sludge then a new spill should be called in by the City or URS. Hot spot excavation should be performed as planned. Full round of groundwater sampling should be performed before petitioning for the spill closure. A temporary well (groundwater sampling point) might be installed at the location of MW-16 (which exhibited 83 ppb of the total VOC). AZ 4-23-2009 An e-mail was sent to J. Staten (URS): I have reviewed a Monitoring Report for this site for the 4th Quarter of 2008. The report stated that monitoring well MW-10 will be removed from the monitoring list because no components exceeded the quality criteria. However, downgradient wells should be monitored regardless of the contaminants presence. Since this site has groundwater flowing in northern and western directions, at least one downgradient well should be monitored in each direction. MW-10 should be monitored. Also, one downgradient well should be monitored at the western edge of the
plume. AZ 9-10-2009 An e-mail was sent to J. Staten (URS): I have reviewed report for the above site. The report stated that well MW-16 was decommissioned because URS observed that it was filled to the top of the riser with dirt and water. This well consistently showed elevated reading for VOCs. This well should be re-installed. Also, a well downgradient from the contaminated wells should monitored. URS should add a downgradient well to their monitoring schedule. AZ 9-14-09 Based on the latest URS’s submissions (report for the 2nd quarter 2009 dated June 10-2009) and on a correspondence from J. Staten, downgradient wells were sampled, MW-16 was sampled over 8-year period. Over this time, well MW-16 did not exhibit compounds above Groundwater Quality Criteria until a minor exceedance occurred in December 2007. Subsequent samples collected in 2008 also showed a couple of compounds above Groundwater Quality Criteria, but the concentrations were not significant (total VOC concentration under 100 ppb). AZ 12-1-09 An e-mail was sent to Jane Staten/Afsar Samani/Marcy Abzagsh/Vadim Brevdo: Dear Jane, I have reviewed Summary of the Excavation Activities and Request for Spill Closure for the above site dated August 19, 2009. Also, I’m in receipt of your e-mail dated Nov. 20, 2009. The e-mail stated that the City, through DCAS, is involved with the owner of the Manhattan West 9 Garage (a private party) in an extensive renovation of that building. DDC stated that the planned renovation work is imminent and includes partial replacement of the Garage floor slab which will destroy the monitoring wells inside the garage. The hot spot excavation found that no VOCs or SVOCs were detected in any soil samples. The results of the excavation are approved. Please make sure that grab samples are taken when performing any soil sampling. Composite samples could be taken only in addition to grab samples. Groundwater samples were collected from 19 wells. No groundwater samples were taken from wells MW-15 and MW-16 because they were destroyed. The latest site-wide groundwater sampling results showed that MW-06 had exceedances of VOCs. Also, the latest available results from MW-16, which is destroyed, showed that it had VOCs exceedances. Groundwater natural attenuation is being used at this site as a remedial strategy for groundwater. Since the groundwater wells will be destroyed at this facility during floor slab replacement and the City would like to close this spill, I request that soil sampling should be performed while doing garage floor replacement. Special attention should be given to the area where MW-06 and MW-16 are located. These activities should be coordinated between DCAS and NYCDDC. Environmental consultant should be present at the time of the excavation and perform soil sampling. If signs of contaminated soil/groundwater are observed during the excavation, A NEW SPILL SHOULD BE CALLED IN TO NYSDEC HOTLINE. If contaminated soil is discovered it should be removed to the extent possible, end point samples taken and activities immediately reported to NYSDEC. AZ 3-5-2010 Discussed with Jane Staten sampling plan for MW-9 site. She asked for directions for locations of soil sampling points. If utilities, underground structures and the scope of future work allow, samples should be taken in the area of MW-06, MW-16, diesel dispenser, 550 gal gasoline UST (removed), 4,000 gal diesel UST (removed), 4,000 gal diesel UST, 550 hoist oil, 550 kerosene, 550 motor oil and 550 gasoline USTs (abandoned in place). About 23 samples will be taken. AZ 8-3-2010 An e-mail was sent to H. Roberts: Harvey, Request regarding closure of spill 9513870 was denied as per my letter dated 12/01/2009. Soil sampling should be performed at the
site as per my letter. If you have any questions regarding this matter please contact me at 718-482-6387. Thank you, AZ 8-3-2010 An e-mail from H. Roberts: Alex, We’ve been in touch with DOS regarding the renovation work at the Manhattan West 9 Garage. There is no schedule yet for floor slab replacement (see emails below). We’ll let you know when the floor replacement gets scheduled. AZ 10-11-2011 I was contacted by K. Shenahan. The current site owner is postponing work on breaking the existing floor and sampling the soil due to the lack of funds. 10/13/2011 an e-mail was received from K. Shenahan: Alex, NYCDC’s environmental consultants have been successfully implementing site remediation at this site since 2004. Remediation technologies included a multi-phase extraction system, natural attenuation and excavation. Recently, the owner of the property informed NYCDC that the financing of a proposed facility rehabilitation project would not be approved until the spill number was closed. Therefore, URS has prepared this e-mail to summarize the current situation at this site and formally request closure of spill #9513870. Background There has been no activity on this site since late 2009. The MPE system began operating in April 2004 and consisted of a network of 14 extraction wells. By February 2005, site monitoring data showed that free product was no longer present at the site and groundwater contaminant levels were significantly reduced. In addition, soil borings showed significant decreases in soil contamination. Based on these results, three of the extraction wells were shut off. In October and November 2005, LiRo advanced an additional five soil borings to evaluate system performance. Two of the five borings showed the presence of minor residual contamination. In December 2006, URS completed another round of confirmation soil sampling and the data was clean except for one boring near well EW-09. As a result, operation of the MPE system was focused on the area around EW-09. In October 2007, URS advanced another confirmation soil boring and collected two soil samples from the area that was previously found to be contaminated. This data also indicated the presence of residual soil contamination. On January 24, 2008, URS issued an investigation summary report with recommendations for a hot spot excavation for soil and natural attenuation for groundwater. In an e-mail dated June 5, 2008, the NYSDEC responded to the report with several comments to which URS responded in a letter dated June 12, 2008. In an e-mail dated July 18, 2008, the NYSDEC approved removal of the MPE system, hot spot excavation, and natural attenuation for groundwater. In addition, the NYSDEC approved closure of spill #9910856 in an e-mail dated September 12, 2008. The hot spot excavation work was performed by Franklin on June 23, 2009. On August 19, 2009, URS issued a report to the NYSDEC documenting the results of soil excavation work conducted to remediate petroleum contaminated soil (soil confirmation sampling results are attached). The As-Built drawing illustrated the limits of soil excavation. The report also included a formal request to close spill #9513870 assigned to the site. The request to close the spill number was based on the fact that the remedial excavation was successful and there was only trace concentrations of volatile organic compounds (VOCs) detected in groundwater samples collected from the site (groundwater data for the past 5 years is attached). On November 20, 2009, URS also sent the NYSDEC an e-mail notifying them that owner of the facility was planning an extensive renovation of the site including replacement of the concrete floor slab which would destroy the monitoring wells located inside the garage. On December 1, 2009, the NYSDEC sent an
The NYSDEC deferred approving the request for spill number closure until after floor slab replacement project. The NYSDEC requested that field screening and soil sampling be conducted during the concrete floor slab replacement project especially in the area of monitoring wells MW-06 and MW-16. The most recent groundwater data collected at the site indicates very low concentrations of VOC in the following wells: MW-02 (14 ppb, no exceedances) MW-06 (42 ppb, 4 exceedances) MW-14 (2 ppb, no exceedances) MW-15 (4 ppb, no exceedances) MW-16 (65 ppb, 2 exceedances) MW-20 (13 ppb, no exceedances) MW-21 (9 ppb, no exceedances) Summary URS is formally requesting spill #9513870 be closed since it appears that the groundwater and soil have been remediated to the limits of the effectiveness of the approved remedial technologies. We hope this summary and attached data provides you with sufficient information to evaluate this request.

URS will reiterate to the property owner that if and when he performs the facility rehabilitation project, he is required by law to notify the NYSDEC if petroleum contaminated soils are encountered. AZ The following e-mail was sent to K. Shenahan/V. Brevdo/M. Asbagh: Dear Kevin, I have reviewed the Technical Memo dated October 12, 2011. The Memo stated that NYCDDC’s Environmental Consultants have been successfully implementing site remediation since 2004. Remediation technologies included a multi-phase extraction (MPE) system and excavation. MPE system was operating at the site in 2004-2008. As a result, free phase product was no longer present at the site and groundwater contaminant levels were significantly reduced. The hot spot excavation work was performed in 2009. Post excavation end point sampling detected that no VOCs or SVOCs were detected in any soil samples. The remedial excavation was successful and there was only trace concentrations of volatile organic compounds (VOC) detected in groundwater. Based on the most recent groundwater sampling results, only six minor exceedances of groundwater standards were detected. A current owner of the facility is planning an extensive renovation of the site including replacement of the concrete floor slab which would destroy the monitoring wells located inside the garage. If contamination is encountered during the slab replacement, a spill should be called in. Based on the documentation provided to date, spill case 9513870 has been closed. All monitoring wells associated with this project should be closed according to the Department’s Groundwater Monitoring Well Decommissioning Procedures. The Department hereby reserves all of its rights concerning, and such forbearance shall not extend to, any further investigation or remedial action the Department deems necessary due to: I. The off-site migration of petroleum contaminants that was not addressed by this evaluation. II. Environmental conditions related to the Site which were unknown to the Department at the time of this approval. III. Information received, in whole or in part, after the Department’s spill case closure, which indicates that the corrective action was not sufficiently protective of human health for the reasonably anticipated use(s) of the site; or IV. Fraud in obtaining this approval for inactivation. Please be advised that you should maintain a permanent file of all documentation and correspondence regarding this case for future use. The Department’s files regarding this release may not be maintained indefinitely. Sincerely, Alex Zhitomisky “

Remarks: **“under ground tanks with unk petroleum or waste oil have caused soil**
MOBIL (Continued)  

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| Investigator: | KMFOLEY |
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| DEC Memo:                | "Prior to Sept. 2004 data translation this spill Lead_DEC Field was K FOLEY 10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAM. SOIL G/W. 12/10/03 Reassigned from Sigona to Foley. 1/28/04 Spoke to Brian Melancon of GSC (845-561-9890), Mobil's consultant. Mobil wants to close out spills. They divested property in March 1990 but have been active in remediating their spill. Cross Deegan Realty only plans on addressing their spill #9909670 (by restoring to pre-spill conditions). I requested that GSC send in a formal closure request with data justifying closure of Mobil spills. 3/1/04 GSC submitted closure request report. 7/94-10/00 ExxonMobil operated an SVE/AS system removing approx 8861 lbs of VOCs. Four air sparge/vapor extraction wells and one air sparge well were installed. In October 2000, the system was shut down due to asymptotic recovery rates. DEC was notified of system deactivation in March 2001 Handex Site Status Report. Spill #9708729 was issued to the site on 10/25/97 in response to dumping of oil into sewer system. Spill #9909670 was issued to the site on 11/9/99 for petrotite failure on 4000gal gas UST. 4/6/04 NFA letter to be hand delivered at Albany meeting 4/7. Reviewed GSC’s closure request report(3/1/04). Concentrations were decreasing to ND prior to Spartan's tank test failure. See Spartan files (spill #9909670)"
| Remarks:                | "FROM PRIOR TO MAR 90 CONTAM. SOIL EXISTS-OLD MONITORING WELLS(3)DESTROYED DURING CONSTRUCTION EXCAV.-CONTAM.SOIL EXCAV.OR TO BE EXCAV & STOCKPILED ON POLY-TEST" |

**Material:**

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<th>Field</th>
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<tr>
<td>Operable Unit ID:</td>
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<td>Operable Unit:</td>
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<td>0009</td>
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Tank Test:
MAP FINDINGS

Map ID
Direction
Distance
Elevation
Site
Site ID
EDR ID Number
Database(s)
EPA ID Number

M129
North
1/8-1/4
0.148 mi.
781 ft.

BP#13990
99-113 149TH STREET
BRONX, NY 10451

NY AST
A100429465
N/A

Site 8 of 9 in cluster M

Relative:
Lower
Actual:
12 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2600626
Program Type: PBS
UTM X: 590277.81300
UTM Y: 4519267.23970
Expiration Date: 01/22/2017
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 22606
Affiliation Type: Facility Owner
Company Name: CROSS DEEGAN REALTY CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 3333 NEW HYDE PARK ROAD, SUITE 201
Address2: Not reported
City: NEW HYDE PARK
State: NY
Zip Code: 11042
Country Code: 001
Phone: (516) 365-8700
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-10-26

Site Id: 22606
Affiliation Type: On-Site Operator
Company Name: BP#13990
Contact Type: Not reported
Contact Name: TERRESA BURDICK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-2526
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-10-26

Site Id: 22606
Affiliation Type: Emergency Contact
Company Name: CROSS DEEGAN REALTY CORPORATION
Contact Type: Not reported
Contact Name: JOHN W. MAHONEY
Address1: Not reported
Address2: Not reported
City: Not reported

1/8-1/4 BRONX, NY 10451
North 99-113 149TH STREET
0.148 mi.
781 ft. Site 8 of 9 in cluster M

TC5022723.2s Page 318
BP#13990 (Continued)

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (973) 392-6150
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2016-03-11

Site Id: 22606
Affiliation Type: Mail Contact
Company Name: BP PRODUCTS NORTH AMERICA, INC
Contact Type: Not reported
Contact Name: JOHN W. MAHONEY
Address1: P.O. BOX 6038
Address2: Not reported
City: ARTESIA
State: CA
Zip Code: 90702
Country Code: 001
Phone: (973) 392-6150
EMail: JOHN.MAHONEY@BP.COM
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2016-03-11

Tank Info:

Tank Number: 10
Tank Id: 62526
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G12 - Tank Secondary Containment - Double-Walled (AG only)
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D10 - Pipe Type - Copper
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/01/1995
Capacity Gallons: 275
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
BP#13990 (Continued)

| Register: | True |
| Modified By: | MXLAY |
| Last Modified: | 10/26/2016 |
| Material Name: | Not reported |

| M130 | BP#13990 |
| North | 99-113 149TH STREET |
| 1/8-1/4 | BRONX, NY 10451 |
| 0.148 mi. | Site 9 of 9 in cluster M |
| 781 ft. | |

| Relative: | Lower |
| Actural: | 12 ft. |
| UST: | |
| Id/Status: | 2-600626 / Active |
| Program Type: | PBS |
| Region: | STATE |
| DEC Region: | 2 |
| Expiration Date: | 01/22/2017 |
| UTM X: | 590277.81300 |
| UTM Y: | 4519267.23970 |
| Site Type: | Retail Gasoline Sales |

Affiliation Records:

| Site Id: | 22606 |
| Affiliation Type: | Facility Owner |
| Company Name: | CROSS DEEGAN REALTY CORPORATION |
| Contact Type: | Not reported |
| Contact Name: | Not reported |
| Address1: | 3333 NEW HYDE PARK ROAD, SUITE 201 |
| Address2: | Not reported |
| City: | NEW HYDE PARK |
| State: | NY |
| Zip Code: | 11042 |
| Country Code: | 001 |
| Phone: | (516) 365-8700 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | MXLAY |
| Date Last Modified: | 2016-10-26 |

| Site Id: | 22606 |
| Affiliation Type: | On-Site Operator |
| Company Name: | BP#13990 |
| Contact Type: | Not reported |
| Contact Name: | TERRESA BURDICK |
| Address1: | Not reported |
| Address2: | Not reported |
| City: | Not reported |
| State: | NN |
| Zip Code: | Not reported |
| Country Code: | 001 |
| Phone: | (718) 585-2526 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | MXLAY |
| Date Last Modified: | 2016-10-26 |

| Site Id: | 22606 |
| Affiliation Type: | Emergency Contact |
## BP#13990 (Continued)

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<thead>
<tr>
<th>Company Name:</th>
<th>CROSS DEEGAN REALTY CORPORATION</th>
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<tbody>
<tr>
<td>Contact Type:</td>
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<tr>
<td>Contact Name:</td>
<td>JOHN W. MAHONEY</td>
</tr>
<tr>
<td>Address1:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Address2:</td>
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<td>Not reported</td>
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<tr>
<td>State:</td>
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<td>Fax Number:</td>
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<tr>
<td>Date Last Modified:</td>
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| Site Id:    | 22606                          |
| Affiliation Type: | Mail Contact                     |
| Company Name: | BP PRODUCTS NORTH AMERICA, INC |
| Contact Type: | Not reported                      |
| Contact Name: | JOHN W. MAHONEY                   |
| Address1:     | P.O. BOX 6038                    |
| Address2:     | Not reported                      |
| City:         | ARTESIA                          |
| State:        | CA                              |
| Zip Code:     | 90702                           |
| Country Code: | 001                             |
| Phone:        | (973) 392-6150                    |
| EMail:        | JOHN.MAHONEY@BP.COM             |
| Fax Number:   | Not reported                      |
| Modified By:  | NTFFREEMA                        |
| Date Last Modified: | 2016-03-11                  |

### Tank Info:

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<td>Tank ID:</td>
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<td>Tank Status:</td>
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<td>Material Name:</td>
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<tr>
<td>Capacity Gallons:</td>
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<td>09/01/1990</td>
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<td>Date Tank Closed:</td>
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<td>Registered:</td>
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<td>Tank Location:</td>
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<td>2712</td>
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<tr>
<td>Tightness Test Method:</td>
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<tr>
<td>Date Test:</td>
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<td>Next Test Date:</td>
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### Equipment Records:

- J01 - Dispenser - Pressurized Dispenser
- E04 - Piping Secondary Containment - Double walled UG
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<th>Equipment Records</th>
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<td>Tank Type:</td>
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<td>Common Name of Substance:</td>
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<tr>
<td>Tightness Test Method:</td>
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<tr>
<td>Date Test:</td>
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<tr>
<td>Next Test Date:</td>
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BP#13990 (Continued)

Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 08/11/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:
J01 - Dispenser - Pressurized Dispenser
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
L99 - Piping Leak Detection - Other
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 04
Tank ID: 43125
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 09/01/1990
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 08/11/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
### BP#13990 (Continued)

<table>
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<tr>
<th>Map ID</th>
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<th>Database(s)</th>
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**Map Findings**

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**MAP FINDINGS**

- **Tank Number:** 05
- **Tank ID:** 43123
- **Tank Status:** In Service
- **Material Name:** In Service
- **Capacity Gallons:** 4000
- **Install Date:** 09/01/1990
- **Date Tank Closed:** Not reported
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Equivalent technology
- **Material Code:** 2712
- **Common Name of Substance:** Gasoline/Ethanol

**Tightness Test Method:** 21

**Date Test:** 08/11/2010

**Next Test Date:** Not reported

**Pipe Model:** Not reported

**Modified By:** NTFREEMA

**Last Modified:** 03/11/2016

**Equipment Records:**

- **B04 - Tank External Protection - Fiberglass**
- **H01 - Tank Leak Detection - Interstitial - Electronic Monitoring**
- **D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)**
- **J02 - Dispenser - Suction Dispenser**
- **K01 - Spill Prevention - Catch Basin**
- **A00 - Tank Internal Protection - None**
- **C02 - Pipe Location - Underground/On-ground**
- **F04 - Pipe External Protection - Fiberglass**
- **I02 - Overfill - High Level Alarm**
- **L09 - Piping Leak Detection - Exempt Suction Piping**
- **E04 - Piping Secondary Containment - Double walled UG**
- **G04 - Tank Secondary Containment - Double-Walled (Underground)**

### BP#30829

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**MAP FINDINGS**

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<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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**MAP FINDINGS**

- **Tank Number:** 06
- **Tank ID:** 49295
- **Tank Status:** In Service
- **Material Name:** In Service
- **Capacity Gallons:** 2500
- **Install Date:** 02/01/1995
- **Date Tank Closed:** Not reported
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Equivalent technology
- **Material Code:** 0022
- **Common Name of Substance:** Waste Oil/Used Oil

**Tightness Test Method:** 00

**Date Test:** Not reported

**Next Test Date:** Not reported

**Pipe Model:** Not reported

**Modified By:** NTFREEMA

**Last Modified:** 03/11/2016
BP#13990 (Continued)

Equipment Records:

- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- I02 - Overfill - High Level Alarm
- L09 - Piping Leak Detection - Exempt Suction Piping
- E04 - Piping Secondary Containment - Double walled UG
- B04 - Tank External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 07
Tank ID: 49296
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 02/01/1995
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0015
Common Name of Substance: Motor Oil
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- I02 - Overfill - High Level Alarm
- L09 - Piping Leak Detection - Exempt Suction Piping
- B04 - Tank External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 08
Tank ID: 49297
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 02/01/1995
Date Tank Closed: Not reported
BP#13990 (Continued)

Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0015
Common Name of Substance: Motor Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:
L09 - Piping Leak Detection - Exempt Suction Piping
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
H01 - Tank Leak Detection - Intersitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass

Tank Number: 09
Tank ID: 49298
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 600
Install Date: 02/01/1995
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0021
Common Name of Substance: Transmission Fluid

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
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<tr>
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<tr>
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<td>BP#13990 (Continued)</td>
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**Map Findings**

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<tr>
<th>Site</th>
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<tbody>
<tr>
<td>BP#13990 (Continued)</td>
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<td>H01 - Tank Leak Detection - Interstitial - Electronic Monitoring</td>
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<td>E04 - Piping Secondary Containment - Double walled UG</td>
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<tr>
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<th>City</th>
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<th>Zip Code</th>
<th>Country Code</th>
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<th>Date Last Modified</th>
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<tr>
<td>2-610573</td>
<td>PEQUERO BROTHERS REPAIR SHOP</td>
<td>338 GRAND CONCOURSE</td>
<td>N/A</td>
<td>BRONX</td>
<td>NY</td>
<td>10451</td>
<td>001</td>
<td>(718) 665-9278</td>
<td>Not reported</td>
<td>Not reported</td>
<td>2007-05-18</td>
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<td>10451</td>
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<td>(718) 665-9278</td>
<td>Not reported</td>
<td>Not reported</td>
<td>2007-05-18</td>
<td>NRLOMBAR</td>
</tr>
</tbody>
</table>

**On-Site Operator**

**FACILITY OWNER**

**AFFILIATION RECORDS**

**Site Information**

- **Relative:** State
- **Higher:** 2
- **Actual:** 31 ft.
- **Relative:** 791 ft.
- **Distance:** 0.150 mi.
- **Elevation:** 1/8-1/4

**Facility Information**

- **Program Type:** PBS
- **UTM X:** 590350.40708
- **UTM Y:** 4518766.66374
- **Expiration Date:** 05/18/2012
- **Site Type:** Other
### PEGUERO BROTHERS REPAIR SHOP (Continued)

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<td>Tank Id:</td>
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<td>L00 - Piping Leak Detection - None</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<td>K01 - Spill Prevention - Catch Basin</td>
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<td></td>
<td>G01 - Tank Secondary Containment - Diking (Aboveground)</td>
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<td></td>
<td>H01 - Tank Leak Detection - Interstitial - Electronic Monitoring</td>
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<td>C01 - Pipe Location - Aboveground</td>
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<td>B00 - Tank External Protection - None</td>
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<td>D11 - Pipe Type - Flexible Piping</td>
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<td>Capacity Gallons:</td>
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**Equipment Records:**

- A00 - Tank Internal Protection - None
- I01 - Overfill - Float Vent Valve
- L00 - Piping Leak Detection - None
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- G01 - Tank Secondary Containment - Diking (Aboveground)
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- C01 - Pipe Location - Aboveground
- B00 - Tank External Protection - None
- D11 - Pipe Type - Flexible Piping
**PEGUERO BROTHERS REPAIR SHOP** (Continued)

- **Tightness Test Method:** NN
- **Date Test:** Not reported
- **Next Test Date:** Not reported
- **Date Tank Closed:** Not reported
- **Register:** True
- **Modified By:** NRLOMBAR
- **Last Modified:** 05/18/2007
- **Material Name:** Not reported

---

**RCRA NonGen / NLR:**

- **Date form received by agency:** 04/10/2014
- **Facility name:** CON EDISON SERVICE BOX: 6875
- **Facility address:** E 144TH ST & PARK AVE
  
  BRONX, NY 10462
- **EPA ID:** NYP004462289
- **Mailing address:** IRVING PL, 15TH FL NE
  
  NEW YORK, NY 10003
- **Contact:** THOMAS TEELING
- **Contact address:** Not reported
- **Contact country:** Not reported
- **Contact telephone:** (212) 460-3770
- **Contact email:** Not reported
- **EPA Region:** 02
- **Classification:** Non-Generator
- **Description:** Handler: Non-Generators do not presently generate hazardous waste

**Handler Activities Summary:**

- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

**Historical Generators:**

- **Date form received by agency:** 03/10/2014
- **Site name:** CON EDISON SERVICE BOX: 6875
- **Classification:** Conditionally Exempt Small Quantity Generator

**Violation Status:** No violations found
CON EDISON SERVICE BOX: 6875 (Continued)

NY MANIFEST:
Country: USA
EPA ID: NYP004462289
Facility Status: Not reported
Location Address 1: E 144 ST AND PARK AVE
Code: BP
Location Address 2: SB 6875
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004462289
Mailing Name: CON ED
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/10/2014
Trans1 Recv Date: 03/10/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/12/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004462289
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 012771161JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
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<tr>
<td>Other Wholesale/Retail Sales</td>
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<td>Company Name: BOULEVARD CAR WASH OF N.Y. INC.</td>
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<td>Contact Name: MICHAEL LAGE</td>
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<td>Address1: 4391 BOSTON POST RD.</td>
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<tr>
<td></td>
<td>Phone: (914) 637-3895</td>
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<tr>
<td></td>
<td>EMail: <a href="mailto:MICHAELLAGELMC@GMAIL.COM">MICHAELLAGELMC@GMAIL.COM</a></td>
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<td>Fax Number: Not reported</td>
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**CON EDISON SERVICE BOX: 6875** (Continued)

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**Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.**
BOULEVARD CAR WASH OF N.Y. INC. (Continued)  U004078584

Company Name: BOULEVARD CAR WASH OF N.Y. INC.
Contact Type: Not reported
Contact Name: MAMADOU CISSE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-9162
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Site Id: 19315
Affiliation Type: Emergency Contact
Company Name: 315 R.E. CORP.
Contact Type: Not reported
Contact Name: MICHAEL LAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 637-3895
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Site Id: 19315
Affiliation Type: Facility Owner
Company Name: 315 R.E. CORP.
Contact Type: GM
Contact Name: MICHAEL LAGE
Address1: 315 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 585-9162
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Tank Info:

Tank Number: 001
Tank ID: 22923
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/2001
### BOULEVARD CAR WASH OF N.Y. INC. (Continued)

| Date Tank Closed: | 12/17/2001 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0009 |
| Common Name of Substance: | Gasoline |
| Tightness Test Method: | 21 |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
| Modified By: | TRANSLAT |
| Last Modified: | 03/04/2004 |

### Equipment Records:
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I02 - Overfill - High Level Alarm
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F02 - Pipe External Protection - Original Sacrificial Anode
- K01 - Spill Prevention - Catch Basin
- B02 - Tank External Protection - Original Sacrificial Anode
- J01 - Dispenser - Pressurized Dispenser
- A99 - Tank Internal Protection - Other
- H05 - Tank Leak Detection - In-Tank System (ATG)

| Tank Number: | 002 |
| Tank ID: | 22924 |
| Tank Status: | Closed - Removed |
| Material Name: | Closed - Removed |
| Capacity Gallons: | 4000 |
| Install Date: | 12/01/2001 |
| Date Tank Closed: | 12/17/2001 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0008 |
| Common Name of Substance: | Diesel |
| Tightness Test Method: | 21 |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
| Modified By: | TRANSLAT |
| Last Modified: | 03/04/2004 |

### Equipment Records:
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I02 - Overfill - High Level Alarm
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F02 - Pipe External Protection - Original Sacrificial Anode
- K01 - Spill Prevention - Catch Basin
- B02 - Tank External Protection - Original Sacrificial Anode
- J01 - Dispenser - Pressurized Dispenser
- A99 - Tank Internal Protection - Other
- H05 - Tank Leak Detection - In-Tank System (ATG)
### BOULEVARD CAR WASH OF N.Y. INC. (Continued)  U004078584

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<td>J02 - Dispenser - Suction Dispenser</td>
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<td>K01 - Spill Prevention - Catch Basin</td>
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<tr>
<td>C02 - Pipe Location - Underground/On-ground</td>
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<td>G00 - Tank Secondary Containment - None</td>
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<td>A99 - Tank Internal Protection - Other</td>
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<td>H05 - Tank Leak Detection - In-Tank System (ATG)</td>
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**Tank Number:** 003  
**Tank ID:** 22925  
**Tank Status:** Closed - Removed  
**Material Name:** Closed - Removed  
**Capacity Gallons:** 550  
**Install Date:** 12/01/2001  
**Date Tank Closed:** 12/17/2001  
**Registered:** True  
**Tank Location:** Underground  
**Tank Type:** Steel/carbon steel  
**Material Code:** 0009  
**Common Name of Substance:** Gasoline  
**Tightness Test Method:** 21  
**Date Test:** Not reported  
**Next Test Date:** Not reported  
**Pipe Model:** Not reported  
**Modified By:** TRANSLAT  
**Last Modified:** 03/04/2004

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<td>F02 - Pipe External Protection - Original Sacrificial Anode</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<td>K01 - Spill Prevention - Catch Basin</td>
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<tr>
<td>C02 - Pipe Location - Underground/On-ground</td>
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<tr>
<td>G00 - Tank Secondary Containment - None</td>
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<tr>
<td>I04 - Overfill - Product Level Gauge (A/G)</td>
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<tr>
<td>B02 - Tank External Protection - Original Sacrificial Anode</td>
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<tr>
<td>A99 - Tank Internal Protection - Other</td>
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<td>H05 - Tank Leak Detection - In-Tank System (ATG)</td>
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<td>C02 - Pipe Location - Underground/On-ground</td>
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<tr>
<td>G00 - Tank Secondary Containment - None</td>
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<td>I04 - Overfill - Product Level Gauge (A/G)</td>
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<td>B02 - Tank External Protection - Original Sacrificial Anode</td>
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<td>C02 - Pipe Location - Underground/On-ground</td>
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<td>G00 - Tank Secondary Containment - None</td>
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<tr>
<td>I04 - Overfill - Product Level Gauge (A/G)</td>
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### BOULEVARD CAR WASH OF N.Y. INC. (Continued)

<table>
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<th>Equipment Records:</th>
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<tbody>
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<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<td>F02 - Pipe External Protection - Original Sacrificial Anode</td>
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<tr>
<td>J02 - Dispenser - Suction Dispenser</td>
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<tr>
<td>K01 - Spill Prevention - Catch Basin</td>
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<tr>
<td>C02 - Pipe Location - Underground/On-ground</td>
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<tr>
<td>G00 - Tank Secondary Containment - None</td>
</tr>
<tr>
<td>B02 - Tank External Protection - Original Sacrificial Anode</td>
</tr>
<tr>
<td>I04 - Overfill - Product Level Gauge (A/G)</td>
</tr>
<tr>
<td>A99 - Tank Internal Protection - Other</td>
</tr>
<tr>
<td>H05 - Tank Leak Detection - In-Tank System (ATG)</td>
</tr>
</tbody>
</table>

| Tank Number: | 005 |
| Tank ID: | 22927 |
| Tank Status: | Closed - Removed |
| Material Name: | Closed - Removed |
| Capacity Gallons: | 550 |
| Install Date: | 12/01/2001 |
| Date Tank Closed: | 12/17/2001 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0009 |
| Common Name of Substance: | Gasoline |
| Tightness Test Method: | 21 |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
| Modified By: | TRANSLAT |
| Last Modified: | 03/04/2004 |

<table>
<thead>
<tr>
<th>Equipment Records:</th>
</tr>
</thead>
<tbody>
<tr>
<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
</tr>
<tr>
<td>F02 - Pipe External Protection - Original Sacrificial Anode</td>
</tr>
<tr>
<td>J02 - Dispenser - Suction Dispenser</td>
</tr>
<tr>
<td>K01 - Spill Prevention - Catch Basin</td>
</tr>
<tr>
<td>C02 - Pipe Location - Underground/On-ground</td>
</tr>
<tr>
<td>G00 - Tank Secondary Containment - None</td>
</tr>
<tr>
<td>B02 - Tank External Protection - Original Sacrificial Anode</td>
</tr>
<tr>
<td>I04 - Overfill - Product Level Gauge (A/G)</td>
</tr>
<tr>
<td>A99 - Tank Internal Protection - Other</td>
</tr>
<tr>
<td>H05 - Tank Leak Detection - In-Tank System (ATG)</td>
</tr>
</tbody>
</table>

| Tank Number: | 006 |
| Tank ID: | 22928 |
| Tank Status: | Closed - Removed |
| Material Name: | Closed - Removed |
| Capacity Gallons: | 550 |
| Install Date: | 12/01/2001 |
| Date Tank Closed: | 12/17/2001 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0009 |
| Common Name of Substance: | Gasoline |
| Tightness Test Method: | 21 |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
### BOULEVARD CAR WASH OF N.Y. INC. (Continued)

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
</tr>
</thead>
</table>

**Modified By:** TRANSLAT  
**Last Modified:** 03/04/2004

**Equipment Records:**
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I04 - Overfill - Product Level Gauge (A/G)
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F02 - Pipe External Protection - Original Sacrificial Anode
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- B02 - Tank External Protection - Original Sacrificial Anode
- A99 - Tank Internal Protection - Other
- H05 - Tank Leak Detection - In-Tank System (ATG)

<table>
<thead>
<tr>
<th>Tank Number:</th>
<th>007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank ID:</td>
<td>22929</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>Closed - Removed</td>
</tr>
<tr>
<td>Material Name:</td>
<td>Closed - Removed</td>
</tr>
<tr>
<td>Capacity Gallons:</td>
<td>550</td>
</tr>
<tr>
<td>Install Date:</td>
<td>12/01/2001</td>
</tr>
<tr>
<td>Date Tank Closed:</td>
<td>12/17/2001</td>
</tr>
<tr>
<td>Registered:</td>
<td>True</td>
</tr>
<tr>
<td>Tank Location:</td>
<td>Underground</td>
</tr>
<tr>
<td>Tank Type:</td>
<td>Steel/carbon steel</td>
</tr>
<tr>
<td>Material Code:</td>
<td>0009</td>
</tr>
<tr>
<td>Common Name of Substance:</td>
<td>Gasoline</td>
</tr>
<tr>
<td>Tightness Test Method:</td>
<td>21</td>
</tr>
<tr>
<td>Date Test:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Next Test Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Model:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Modified By:</td>
<td>TRANSLAT</td>
</tr>
<tr>
<td>Last Modified:</td>
<td>03/04/2004</td>
</tr>
</tbody>
</table>

**Equipment Records:**
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F02 - Pipe External Protection - Original Sacrificial Anode
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- B02 - Tank External Protection - Original Sacrificial Anode
- I04 - Overfill - Product Level Gauge (A/G)
- A99 - Tank Internal Protection - Other
- H05 - Tank Leak Detection - In-Tank System (ATG)

<table>
<thead>
<tr>
<th>Tank Number:</th>
<th>008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank ID:</td>
<td>22930</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>Closed - Removed</td>
</tr>
<tr>
<td>Material Name:</td>
<td>Closed - Removed</td>
</tr>
<tr>
<td>Capacity Gallons:</td>
<td>550</td>
</tr>
<tr>
<td>Install Date:</td>
<td>12/01/2001</td>
</tr>
<tr>
<td>Date Tank Closed:</td>
<td>12/17/2001</td>
</tr>
<tr>
<td>Registered:</td>
<td>True</td>
</tr>
<tr>
<td>Tank Location:</td>
<td>Underground</td>
</tr>
<tr>
<td>Map ID</td>
<td>Direction</td>
</tr>
<tr>
<td>--------</td>
<td>-----------</td>
</tr>
<tr>
<td>P134</td>
<td>South</td>
</tr>
</tbody>
</table>

**BOULEVARD CAR WASH OF N.Y. INC. (Continued)**

- **Tank Type:** Steel/carbon steel
- **Material Code:** 0000
- **Common Name of Substance:** Empty
- **Tightness Test Method:** 21
- **Date Test:** Not reported
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** TRANSLAT
- **Last Modified:** 03/04/2004

**Equipment Records:**

- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F02 - Pipe External Protection - Original Sacrificial Anode
- J02 - Dispenser - Suction Dispenser
- B02 - Tank External Protection - Original Sacrificial Anode
- I99 - Overfill - Other
- A99 - Tank Internal Protection - Other
- H05 - Tank Leak Detection - In-Tank System (ATG)

**RCRA NonGen / NLR:** 1001489342

**ICIS:** NYU005001326

**US AIRS:** FINDS

**ECHO:**

**Date form received by agency:** 01/01/2007

**Facility name:** GRAND OPERATING CORP

**Facility address:** 315 GRAND CONCOURSE

**EPA ID:** NYU005001326

**Mailing address:** N HENRY ST

**Contact:** Not reported

**Contact address:** N HENRY ST

**Contact country:** US

**Contact telephone:** Not reported

**Contact email:** Not reported

**EPA Region:** 02

**Land type:** Private

**Classification:** Non-Generator

**Description:** Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

- **Owner/operator name:** NON REGULATED
- **Owner/operator address:** NOT REQUIRED
- **Owner/operator telephone:** (718) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Operator
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported
315 G C CITGO-315 GRAND CONCOURSE (Continued) 1001489342

Owner/operator name: NON REGULATED
Owner/operator address: NOT REQUIRED
Owner/operator country: US
Owner/operator telephone: (718) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recyclers of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: GRAND OPERATING CORP
Classification: Not a generator, verified

Date form received by agency: 05/10/1999
Site name: GRAND OPERATING CORP
Classification: Not a generator, verified

Date form received by agency: 05/10/1999
Site name: GRAND OPERATING CORP
Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/06/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

IGIS:
Enforcement Action ID: 02-000F000360050015300002
FRS ID: 110009488394
Action Name: 315 G C CITGO-315 GRAND CONCOURSE 360050015300002
Facility Name: 315 G C CITGO-315 GRAND CONCOURSE
Facility Address: 315 GRAND CONCOURSE
BRONX, NY 10451
315 G C CITGO-315 GRAND CONCOURSE (Continued)

Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 5541
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.8145
Longitude in Decimal Degrees: -73.92925
Permit Type Desc: Not reported
Program System Acronym: NY0000002600400082
Facility NAICS Code: 999999
Tribal Land Code: Not reported

US AIRS MINOR:
Envid: 1001489342
Region Code: 02
Programmatic ID: AIR NY0000002600400082
Facility Registry ID: 110009488394
D and B Number: Not reported
Primary SIC Code: 5541
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002600400082
Facility Registry ID: 110009488394
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-12-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Registry ID: 110009488394
Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York’s Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001489342
Registry ID: 110009488394
DFR URL: http://echo.epa.gov/detailed-facility-report?id=110009488394

315 G C CITGO-315 GRAND CONCOURSE (Continued) 1001489342

BOULEVARD CAR WASH OF N.Y. INC.

South
1/8-1/4
0.157 mi.
828 ft.
Site 4 of 5 in cluster P

Relative:
Higher

Actual:
29 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-402877
Program Type: PBS
UTM X: 590360.02782
UTM Y: 4518727.09633
Expiration Date: 02/08/2020
Site Type: Other Wholesale/Retail Sales
Affiliation Records:
Site Id: 19315
Affiliation Type: Mail Contact
Company Name: BOULEVARD CAR WASH OF N.Y. INC.
Contact Type: Not reported
Contact Name: MICHAEL LAGE
BOULEVARD CAR WASH OF N.Y. INC.  (Continued)

Address1: 4391 BOSTON POST RD.
Address2: Not reported
City: PELHAM MANOR
State: NY
Zip Code: 10803
Country Code: 001
Phone: (914) 637-3895
EMail: MICHAELLAGELMC@GMAIL.COM
Fax Number: Not reported
Date Last Modified: 2015-02-19

Site Id: 19315
Affiliation Type: Emergency Contact
Company Name: BOULEVARD CAR WASH OF N.Y. INC.
Contact Type: Not reported
Contact Name: MAMADOU CISSE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-9162
EMail: Not reported
Fax Number: Not reported
Date Last Modified: 2015-02-19

Site Id: 19315
Affiliation Type: Facility Owner
Company Name: 315 R.E. CORP.
Contact Type: GM
Contact Name: MICHAEL LAGE
Address1: 315 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
BOULEVARD CAR WASH OF N.Y. INC. (Continued)  A100293314

Phone: (718) 585-9162
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2015-02-19

Tank Info:

Tank Number: 67
Tank Id: 181891
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
J03 - Dispenser - Gravity
K01 - Spill Prevention - Catch Basin
A01 - Tank Internal Protection - Epoxy Liner
B01 - Tank External Protection - Painted/Asphalt Coating
F06 - Pipe External Protection - Wrapped
G01 - Tank Secondary Containment - Diking (Aboveground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2003
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: LSZINOMA
Last Modified: 02/19/2015
Material Name: Not reported

Tank Number: 68
Tank Id: 181887
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
J03 - Dispenser - Gravity
K01 - Spill Prevention - Catch Basin
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I04 - Overfill - Product Level Gauge (A/G)
| Tank Location: | 2 |
| Tank Type: | Steel/Carbon Steel/Iron |
| Tank Status: | In Service |
| Pipe Model: | Not reported |
| Install Date: | 01/01/2003 |
| Capacity Gallons: | 1500 |
| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Date Tank Closed: | Not reported |
| Register: | True |
| Modified By: | LSZINOMA |
| Last Modified: | 02/19/2015 |
| Material Name: | Not reported |

### Equipment Records:

| Tank Location: | 2 |
| Tank Type: | Steel/Carbon Steel/Iron |
| Tank Status: | In Service |
| Pipe Model: | Not reported |
| Install Date: | 01/01/2003 |
| Capacity Gallons: | 1500 |
| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Date Tank Closed: | Not reported |
| Register: | True |
| Modified By: | LSZINOMA |
| Last Modified: | 02/19/2015 |
| Material Name: | Not reported |
BOULEVARD CAR WASH OF N.Y. INC. (Continued)  

Tank Number: 70  
Tank Id: 181889  
Material Code: 0013  
Common Name of Substance: Lube Oil  

Equipment Records:  
C01 - Pipe Location - Aboveground  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
E00 - Piping Secondary Containment - None  
F02 - Pipe External Protection - Original Sacrificial Anode  
J03 - Dispenser - Gravity  
K01 - Spill Prevention - Catch Basin  
H02 - Tank Leak Detection - Interstitial - Manual Monitoring  
I04 - Overfill - Product Level Gauge (A/G)  
L02 - Piping Leak Detection - Interstitial - Manual Monitoring  
A01 - Tank Internal Protection - Epoxy Liner  
B01 - Tank External Protection - Painted/Asphalt Coating  
F06 - Pipe External Protection - Wrapped  
G01 - Tank Secondary Containment - Diking (Aboveground)  

Tank Location: 2  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 01/01/2003  
Capacity Gallons: 1500  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: LSZINOMA  
Last Modified: 02/19/2015  
Material Name: Not reported  

Tank Number: 71  
Tank Id: 181890  
Material Code: 0013  
Common Name of Substance: Lube Oil  

Equipment Records:  
J03 - Dispenser - Gravity  
K01 - Spill Prevention - Catch Basin  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
E00 - Piping Secondary Containment - None  
F02 - Pipe External Protection - Original Sacrificial Anode  
H02 - Tank Leak Detection - Interstitial - Manual Monitoring  
I04 - Overfill - Product Level Gauge (A/G)  
L02 - Piping Leak Detection - Interstitial - Manual Monitoring  
G01 - Tank Secondary Containment - Diking (Aboveground)  
B01 - Tank External Protection - Painted/Asphalt Coating  
F06 - Pipe External Protection - Wrapped  
A01 - Tank Internal Protection - Epoxy Liner  
C01 - Pipe Location - Aboveground  

Tank Location: 2  
Tank Type: Steel/Carbon Steel/Iron
BOULEVARD CAR WASH OF N.Y. INC. (Continued)

Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2003
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: LSZINOMA
Last Modified: 02/19/2015
Material Name: Not reported

P136 South 287 WALTON AVE. 287 WALTON AVENUE BRONX, NY 10451
0.157 mi. 830 ft. Site 5 of 5 in cluster P

Relative: Lower Actual: 27 ft.
AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-605583
Program Type: PBS
UTM X: 590282.01893
UTM Y: 4518747.44968
Expiration Date: 04/06/2021
Site Type: Other

Affiliation Records:
Site Id: 27450
Affiliation Type: Facility Owner
Company Name: 287-289 WALTON AVE ASSOCIATES
Contact Type: ON SITE OPERATOR
Contact Name: KEN RUTH
Address1: 287 WALTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 993-4000
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-04-25

Site Id: 27450
Affiliation Type: Mail Contact
Company Name: STANLEY RUTH CO. INC.
Contact Type: Not reported
Contact Name: KEN RUTH
Address1: 287 WALTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 993-4000
EMail: KEN@STANLEYRUTH.COM
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-04-25

Site Id: 27450
Affiliation Type: On-Site Operator
Company Name: 287 WALTON AVE.
Contact Type: Not reported
Contact Name: KEN RUTH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 993-4000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 27450
Affiliation Type: Emergency Contact
Company Name: 287 WALTON AVE ASSOCIATES
Contact Type: Not reported
Contact Name: KEN RUTH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 993-4000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 60081
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
B05 - Tank External Protection - Jacketed
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
D01 - Pipe Type - Steel/Carbon Steel/Iron
287 WALTON AVE. (Continued)  

E00 - Piping Secondary Containment - None  
G03 - Tank Secondary Containment - Vault (w/o access)  
J02 - Dispenser - Suction Dispenser  
K01 - Spill Prevention - Catch Basin  
H02 - Tank Leak Detection - Interstitial - Manual Monitoring  

Tank Location: 6  
Tank Type: Steel/Carbon Steel/Iron  
Tank Status: In Service  
Pipe Model: Not reported  
Install Date: 01/01/1974  
Capacity Gallons: 3000  
Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Date Tank Closed: Not reported  
Register: True  
Modified By: MRBARROW  
Last Modified: 04/25/2016  
Material Name: Not reported  

O137  
SSW  
1/8-1/4  
0.159 mi.  
838 ft.  

Relative: SWF/LF:  
Flag: INACTIVE  
Region Code: 2  
Phone Number: 2124604833  
Owner Name: Not reported  
Owner Type: Not reported  
Owner Address: Not reported  
Owner Addr2: Not reported  
Owner City,St,Zip: Not reported  
Owner Email: Not reported  
Owner Phone: Not reported  
Contact Name: HARRY A. COATES  
Contact Address: Not reported  
Contact Addr2: Not reported  
Contact City,St,Zip: Not reported  
Contact Email: Not reported  
Contact Phone: Not reported  
Activity Desc: C&D processing - registration  
Activity Number: [03W70]  
Active: No  
East Coordinate: 590086  
North Coordinate: 4518544  
Accuracy Code: Not reported  
Regulatory Status: Not reported  
Waste Type: Not reported  
Authorization #: Not reported  
Authorization Date: Not reported  
Expiration Date: Not reported  

RCRA NonGen / NLR:  
Date form received by agency: 01/01/2007
CON ED - EXTERIOR ST STORAGE YARD (Continued)

Facility name: CON ED - EXTERIOR ST STORAGE YARD
Facility address: 281 EXTERIOR ST
BRONX, NY 10462
EPA ID: NYR000114579
Mailing address: MATTHEWS AVE
BRONX, NY 10462
Contact: ROSEMARIE GIORDANO
Contact address: MATTHEWS AVE
BRONX, NY 10462
Contact country: US
Contact telephone: (718) 904-4648
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON CO OF NY INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/29/1926
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON CO OF NY INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/29/1926
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
CON ED - EXTERIOR ST STORAGE YARD (Continued)

Site name: CON ED - EXTERIOR ST STORAGE YARD
Classification: Not a generator, verified

Date form received by agency: 03/27/2003
Site name: CON ED - EXTERIOR ST STORAGE YARD
Classification: Small Quantity Generator

- Waste code: D008
- Waste name: LEAD

Violation Status: No violations found

FINDS:
Registry ID: 110014447713

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1006810635
Registry ID: 110014447713
DFR URL: http://echo.epa.gov/detailed-facility-report?id=110014447713

NY MANIFEST:
Country: USA
EPA ID: NYSR000114579
Facility Status: Not reported
Location Address 1: 281 EXTERIOR ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10462
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYSR000114579
Mailing Name: CON ED - EXTERIOR ST STORAGE YARD
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
CON ED - EXTERIOR ST STORAGE YARD (Continued)

Mailing Phone: 2124602808

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2008
Trans1 Recv Date: 04/09/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/10/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000114579
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
TSDF ID 2: Not reported
Manifest Tracking Number: 001446935FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 130.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: B005
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
Handler Activities Summary:

- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
AMOCO SERVICE STATION (Continued)

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: AMOCO SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 11/20/1997
Site name: AMOCO SERVICE STATION
Classification: Small Quantity Generator

- Waste code: D001
- Waste name: IGNITABLE WASTE

Violation Status: No violations found

US AIRS MINOR:
Envid: 1001171440
Region Code: 02
Programmatic ID: AIR NY0000002600400042
Facility Registry ID: 110001565869
D and B Number: Not reported
Primary SIC Code: 5541
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002600400042
Facility Registry ID: 110001565869
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-01-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:
Registry ID: 110001565869

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans.
AMOCO SERVICE STATION (Continued)

1001171440

AMOCO SERVICE STATION

- EPA ID: NY0001492875
- Location Zip: 10451
- Location State: NY
- Location City: BRONX
- Location Address 1: 557 GRAND CONCOURSE
- Code: BP
- Facility Status: Not reported
- Total Tanks: Not reported
- Location Zip 2: Not reported
- Location Zip 4: Not reported
- NY MANIFEST: EPAID: NY0001492875
- Location Address 2: Not reported
- Registry ID: 110001565869
- DFR URL: http://echo.epa.gov/detailed-facility-report?id=110001565869
- Country: USA
- Envid: 1001171440

MAP FINDINGS

EDR ID Number

Database(s)

NY MANIFEST:

Country: USA
EPA ID: NY0001492875
Facility Status: Not reported
Location Address 1: 557 GRAND CONCOURSE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported
NY MANIFEST:

EPAID: NY0001492875

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

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FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

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FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
AMOCO SERVICE STATION (Continued) 1001171440

Mailing Name: AMOCO SERVICE STATION
Mailing Contact: CARY WOLF
Mailing Address 1: 557 GRAND CONCOURSE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5169979300

NY MANIFEST:
Document ID: NYG0414297
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: PD1011NY
Trans2 State ID: Not reported
Generator Ship Date: 01/07/1998
Trans1 Recv Date: 01/07/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/07/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0001492875
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 000250
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
<table>
<thead>
<tr>
<th>Site</th>
<th>557 GRAND CONCOURSE</th>
<th>RCRA NonGen / NLR</th>
<th>1001090484</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 4 of 10 in cluster Q</td>
<td>557 GRAND CONCOURSE</td>
<td>FINDS</td>
<td>NYU005000450</td>
</tr>
<tr>
<td>Relative: Higher</td>
<td>Actual: 45 ft.</td>
<td>1/8-1/4</td>
<td>0.160 mi.</td>
</tr>
<tr>
<td>846 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Owner/Operator Summary:**

<table>
<thead>
<tr>
<th>Owner/operator name</th>
<th>STORAGE MAINTENANCE CORP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner/operator address</td>
<td>55 JERICHO TNPK</td>
</tr>
<tr>
<td>Owner/operator country</td>
<td>US</td>
</tr>
<tr>
<td>Owner/operator telephone</td>
<td>(516) 997-9300</td>
</tr>
<tr>
<td>Legal status</td>
<td>Private</td>
</tr>
<tr>
<td>Owner/Operator Type</td>
<td>Operator</td>
</tr>
<tr>
<td>Owner/Op start date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner/Op end date</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner/operator name</th>
<th>BILL WOLF PETROLEUM CORP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner/operator address</td>
<td>55 JERICHO TNPK</td>
</tr>
<tr>
<td>Owner/operator country</td>
<td>US</td>
</tr>
<tr>
<td>Owner/operator telephone</td>
<td>(516) 997-9300</td>
</tr>
<tr>
<td>Legal status</td>
<td>Private</td>
</tr>
<tr>
<td>Owner/Operator Type</td>
<td>Owner</td>
</tr>
<tr>
<td>Owner/Op start date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner/Op end date</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**Handler Activities Summary:**

| U.S. importer of hazardous waste | No |
### 557 GRAND CONCOURSE (Continued)

| Mixed waste (haz. and radioactive): | No |
| Recycler of hazardous waste: | No |
| Transporter of hazardous waste: | No |
| Treater, storer or disposer of HW: | No |
| Underground injection activity: | No |
| On-site burner exemption: | No |
| Furnace exemption: | No |
| Used oil fuel burner: | No |
| Used oil processor: | No |
| User oil refiner: | No |
| Used oil fuel marketer to burner: | No |
| Used oil Specification marketer: | No |
| Used oil transfer facility: | No |
| Used oil transporter: | No |

#### Historical Generators:
- **Date form received by agency:** 01/01/2006  
  - **Site name:** 557 GRAND CONCOURSE  
  - **Classification:** Not a generator, verified
- **Date form received by agency:** 03/11/1996  
  - **Site name:** 557 GRAND CONCOURSE  
  - **Classification:** Not a generator, verified

- **Waste code:** NONE
- **Waste name:** None
- **Violation Status:** No violations found

#### Evaluation Action Summary:
- **Evaluation date:** 05/31/1996  
  - **Evaluation:** COMPLIANCE EVALUATION INSPECTION ON-SITE  
  - **Area of violation:** Not reported  
  - **Date achieved compliance:** Not reported  
  - **Evaluation lead agency:** EPA

#### FINDS:
- **Registry ID:** 110006450367

#### Environmental Interest/Information System
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*Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.*

#### ECHO:
- **Envid:** 1001090484  
  - **Registry ID:** 110006450367  
  - **DFR URL:** http://echo.epa.gov/detailed-facility-report?fid=110006450367
Material FA: Petroleum

**Remarks:**
"tank was either overfilled or failed"

"Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FIELD 12/4/03 Reassigned from Sangesland to Foley. Wolf Petroleum site. 2/24/04 File review(KMF): 2/6/01 UST closure report submitted by National Environmental for 1 550gal waste oil UST. Minor SVOC and lead issues. During excavation, 2 endpoint samples showed slightly above STARs. 1 composite sidwall sample was higher in SVOCs. Subsequent borings show ND or under MDLs for VOC/SVOC when tested by TCLP. These borings were taken 8-10' below bottom of excavation. 10/1/04 NFA mailed."

---


Known release with minimal potential for fire or hazard. DEC Response.
GRAND CONCOURSE REALTY CO  (Continued)  S104782387

<table>
<thead>
<tr>
<th>Quantity:</th>
<th>0.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units:</td>
<td>Gallons</td>
</tr>
<tr>
<td>Recovered:</td>
<td>0.00</td>
</tr>
<tr>
<td>Resource Affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Oxygenate:</td>
<td>Not reported</td>
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Tank Test:

SPILLS:

<table>
<thead>
<tr>
<th>Facility ID:</th>
<th>0601001</th>
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</thead>
<tbody>
<tr>
<td>Facility Type:</td>
<td>ER</td>
</tr>
<tr>
<td>DER Facility ID:</td>
<td>95382</td>
</tr>
<tr>
<td>Site ID:</td>
<td>363138</td>
</tr>
<tr>
<td>DEC Region:</td>
<td>2</td>
</tr>
<tr>
<td>Spill Date:</td>
<td>2006-04-26</td>
</tr>
<tr>
<td>Spill Number/Closed Date:</td>
<td>0601001 / 2006-05-18</td>
</tr>
<tr>
<td>Spill Cause:</td>
<td>Other</td>
</tr>
<tr>
<td>Spill Class:</td>
<td>Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.</td>
</tr>
<tr>
<td>SWIS:</td>
<td>0301</td>
</tr>
<tr>
<td>Investigator:</td>
<td>KSTANG</td>
</tr>
<tr>
<td>Referred To:</td>
<td>Not reported</td>
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<tr>
<td>Reported to Dept:</td>
<td>2006-04-26</td>
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<td>CID:</td>
<td>444</td>
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<tr>
<td>Water Affected:</td>
<td>Not reported</td>
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<tr>
<td>Spill Source:</td>
<td>Institutional, Educational, Gov., Other</td>
</tr>
<tr>
<td>Spill Notifier:</td>
<td>Other</td>
</tr>
<tr>
<td>Cleanup Ceased:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cleanup Meets Std:</td>
<td>False</td>
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<tr>
<td>Last Inspection:</td>
<td>Not reported</td>
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<tr>
<td>Recommended Penalty:</td>
<td>False</td>
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<tr>
<td>UST Trust:</td>
<td>False</td>
</tr>
<tr>
<td>Remediation Phase:</td>
<td>0</td>
</tr>
<tr>
<td>Date Entered In Computer:</td>
<td>2006-04-26</td>
</tr>
<tr>
<td>Spill Record Last Update:</td>
<td>2006-05-18</td>
</tr>
<tr>
<td>Spiller Name:</td>
<td>BRUCE BECK</td>
</tr>
<tr>
<td>Spiller Company:</td>
<td>COMMERCIA PROPERTY</td>
</tr>
<tr>
<td>Spiller Address:</td>
<td>557 GRAND CONCOURSE</td>
</tr>
<tr>
<td>Spiller City,St,Zip:</td>
<td>BRONX, NY</td>
</tr>
<tr>
<td>Spiller Company:</td>
<td>001</td>
</tr>
<tr>
<td>Contact Name:</td>
<td>BRUCE BECK</td>
</tr>
<tr>
<td>Contact Phone:</td>
<td>(631) 422-3370</td>
</tr>
<tr>
<td>DEC Memo:</td>
<td>&quot;4/28/06- DEC Piper spoke w. Bruce Beck of NAational. aS per conversation he has completed a phase II on an E designated site. VOC assn .metal contamination in GW. LEft message for Bruce requesting copy of report fro review. Afterwards a meeting can be held. 05/18/06 - Reviewed Site Investigation Report. NYCDP is dealing with the contaminated soil under the Hazardous Materials E Designation provision. The highest TVOCs in GW is 1.5 ppm. NYCDP has required vapor barrier and sub-slab venting system to be installed beneath the proposed new building. The residual GW contaminations do not pose any immediate risk to the environment and should biodegrade over time. This spill is inactivated. - KST&quot;</td>
</tr>
</tbody>
</table>

Remarks: ***
### GRAND CONCOURSE REALTY CO (Continued)

**Material:**
- Site ID: 363138
- Operable Unit ID: 1121198
- Operable Unit: 01
- Material ID: 2110691
- Material Code: 0066A
- Material Name: unknown petroleum
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: Not reported
- Units: Gallons
- Recovered: .00
- Resource Affected: Not reported
- Oxygenate: Not reported

**Tank Test:**

---

**Q141 JOSE PEREZ**

**NE 557 GRAND CONCOURSE**

**BRONX, NY 10450**

**0.160 mi.**

**846 ft.**

**Site 6 of 10 in cluster Q**

<table>
<thead>
<tr>
<th>Relative: Higher</th>
<th>Actual: 48 ft.</th>
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<tbody>
<tr>
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<tr>
<td>Id/Status:</td>
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<td>Region:</td>
<td>STATE</td>
</tr>
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<td>DEC Region:</td>
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<td>N/A</td>
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<td>UTM X:</td>
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<td>UTM Y:</td>
<td>4519212.58833</td>
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<td>Site Type:</td>
<td>Retail Gasoline Sales</td>
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**Affiliation Records:**
- Site Id: 7375
- Affiliation Type: Mail Contact
- Company Name: GRAND CONCOURSE REALTY CORPORATION
- Contact Type: Not reported
- Contact Name: CARY WOLF
- Address1: 125 JERICHO TURNPIKE
- Address2: SUITE 401
- City: JERICHO
- State: NY
- Zip Code: 11753
- Country Code: 001
- Phone: (516) 997-9300
- EMail: Not reported
- Fax Number: Not reported
- Modified By: NRLOMBAR
- Date Last Modified: 2006-12-19

**Site Id:** 7375
- Affiliation Type: Emergency Contact
- Company Name: GRAND CONCOURSE REALTY CORPORATION
- Contact Type: Not reported
- Contact Name: CARY WOLF

---

**UST:**
- Site: 7375
- Affiliation Type: Mail Contact
- Company Name: GRAND CONCOURSE REALTY CORPORATION
- Contact Type: Not reported
- Contact Name: CARY WOLF

---

**Contact:**
- Name: CARY WOLF
- Type: GRAND CONCOURSE REALTY CORPORATION
- Address: 125 JERICHO TURNPIKE, SUITE 401, JERICHO, NY 11753
- Phone: (516) 997-9300
- Fax: Not reported
- Email: Not reported
- Modified By: NRLOMBAR
- Date Last Modified: 2006-12-19
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<tr>
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<tr>
<td>Site Id</td>
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<tr>
<td>Affiliation Type</td>
<td>On-Site Operator</td>
</tr>
<tr>
<td>Company Name</td>
<td>557 GRAND CONCOURSE</td>
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<tr>
<td>Contact Type</td>
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</tr>
<tr>
<td>Contact Name</td>
<td>JOSE PEREZ</td>
</tr>
<tr>
<td>Address1</td>
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</tr>
<tr>
<td>City</td>
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<tr>
<td>State</td>
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<td>Zip Code</td>
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<tr>
<td>Country Code</td>
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</tr>
<tr>
<td>Phone</td>
<td>(212) 665-0844</td>
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<td>EMail</td>
<td>Not reported</td>
</tr>
<tr>
<td>Fax Number</td>
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<td>Modified By</td>
<td>NRLOMBAR</td>
</tr>
<tr>
<td>Date Last Modified</td>
<td>2006-12-19</td>
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</table>

| Site Id                   | 7375                                       |
| Affiliation Type          | Facility Owner                             |
| Company Name              | GRAND CONCOURSE REALTY CORPORATION          |
| Contact Type              | PRESIDENT                                  |
| Contact Name              | CARY WOLF                                  |
| Address1                  | 125 JERICHO TURNPIKE                       |
| City                      | Not reported                               |
| State                     | JERICHOCITY                                |
| Zip Code                  | 11753                                      |
| Country Code              | 001                                        |
| Phone                     | (516) 997-9300                             |
| EMail                     | Not reported                               |
| Fax Number                | Not reported                               |
| Modified By               | NRLOMBAR                                   |
| Date Last Modified        | 2006-12-19                                 |

Tank Info:

<table>
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<tr>
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<tbody>
<tr>
<td>Tank Number</td>
<td>001</td>
</tr>
<tr>
<td>Tank ID</td>
<td>9620</td>
</tr>
<tr>
<td>Tank Status</td>
<td>Closed - Removed</td>
</tr>
<tr>
<td>Material Name</td>
<td>Closed - Removed</td>
</tr>
<tr>
<td>Capacity Gallons</td>
<td>4000</td>
</tr>
<tr>
<td>Install Date</td>
<td>12/01/1971</td>
</tr>
<tr>
<td>Date Tank Closed</td>
<td>11/01/2006</td>
</tr>
<tr>
<td>Registered</td>
<td>True</td>
</tr>
<tr>
<td>Tank Location</td>
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### JOSE PEREZ (Continued)

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
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<tbody>
<tr>
<td>Tank Type</td>
<td>Steel/carbon steel</td>
</tr>
<tr>
<td>Material Code</td>
<td>0009</td>
</tr>
<tr>
<td>Common Name of Substance</td>
<td>Gasoline</td>
</tr>
<tr>
<td>Tightness Test Method</td>
<td>20</td>
</tr>
<tr>
<td>Date Test</td>
<td>05/08/2001</td>
</tr>
<tr>
<td>Next Test Date</td>
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</tr>
<tr>
<td>Pipe Model</td>
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</tr>
<tr>
<td>Modified By</td>
<td>NRLOMBAR</td>
</tr>
<tr>
<td>Last Modified</td>
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</table>
| Equipment Records                          | G03 - Tank Secondary Containment - Vault (w/o access)  
|                                          | J02 - Dispenser - Suction Dispenser |
|                                          | K01 - Spill Prevention - Catch Basin |
|                                          | A00 - Tank Internal Protection - None |
|                                          | C02 - Pipe Location - Underground/On-ground |
|                                          | I02 - Overfill - High Level Alarm |
|                                          | F08 - Pipe External Protection - Retrofitted Impressed Current |
|                                          | D02 - Pipe Type - Galvanized Steel |
|                                          | B00 - Tank External Protection - None |
|                                          | H05 - Tank Leak Detection - In-Tank System (ATG) |

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<tr>
<td>Material Name</td>
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<td>Capacity Gallons</td>
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</tr>
<tr>
<td>Install Date</td>
<td>12/01/1971</td>
</tr>
<tr>
<td>Date Tank Closed</td>
<td>01/01/1995</td>
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<tr>
<td>Registered</td>
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<tr>
<td>Tank Location</td>
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<td>Next Test Date</td>
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<tr>
<td>Pipe Model</td>
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<td>Modified By</td>
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### Equipment Records

<table>
<thead>
<tr>
<th>Equipment Records</th>
<th>Details</th>
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<tr>
<td>J02 - Dispenser - Suction Dispenser</td>
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<tr>
<td>C00 - Pipe Location - No Piping</td>
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</tr>
<tr>
<td>I04 - Overfill - Product Level Gauge (A/G)</td>
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<tr>
<td>A00 - Tank Internal Protection - None</td>
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</tr>
<tr>
<td>G00 - Tank Secondary Containment - None</td>
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</tr>
<tr>
<td>D02 - Pipe Type - Galvanized Steel</td>
<td></td>
</tr>
<tr>
<td>B00 - Tank External Protection - None</td>
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</tr>
<tr>
<td>F00 - Pipe External Protection - None</td>
<td></td>
</tr>
<tr>
<td>H05 - Tank Leak Detection - In-Tank System (ATG)</td>
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<table>
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<td>Equipment Records:</td>
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<tr>
<td>G03 - Tank Secondary Containment - Vault (w/o access)</td>
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<tr>
<td>J02 - Dispenser - Suction Dispenser</td>
<td></td>
</tr>
<tr>
<td>K01 - Spill Prevention - Catch Basin</td>
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<tr>
<td>A00 - Tank Internal Protection - None</td>
<td></td>
</tr>
<tr>
<td>C02 - Pipe Location - Underground/On-ground</td>
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<tr>
<td>I02 - Overfill - High Level Alarm</td>
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</tr>
<tr>
<td>F08 - Pipe External Protection - Retrofitted Impressed Current</td>
<td></td>
</tr>
<tr>
<td>B00 - Tank External Protection - None</td>
<td></td>
</tr>
<tr>
<td>H05 - Tank Leak Detection - In-Tank System (ATG)</td>
<td></td>
</tr>
<tr>
<td>D02 - Pipe Type - Galvanized Steel</td>
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<table>
<thead>
<tr>
<th>JOSE PEREZ (Continued)</th>
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<tbody>
<tr>
<td>Tank Status: Closed - Removed</td>
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<tr>
<td>Material Name: Closed - Removed</td>
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<tr>
<td>Capacity Gallons: 4000</td>
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<tr>
<td>Install Date: 12/01/1971</td>
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<tr>
<td>Date Tank Closed: 11/01/2006</td>
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<td>Registered: True</td>
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<tr>
<td>Tank Location: Underground</td>
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<tr>
<td>Tank Type: Steel/carbon steel</td>
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<td>Material Code: 0009</td>
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<tr>
<td>Common Name of Substance: Gasoline</td>
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<tr>
<td>Tightness Test Method: 20</td>
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<tr>
<td>Date Test: 05/08/2001</td>
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<tr>
<td>Next Test Date: Not reported</td>
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<tr>
<td>Pipe Model: Not reported</td>
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<table>
<thead>
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<th>Equipment Records:</th>
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<tr>
<td>C00 - Pipe Location - No Piping</td>
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<td>I04 - Overfill - Product Level Gauge (A/G)</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<tr>
<td>A00 - Tank Internal Protection - None</td>
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<td>G00 - Tank Secondary Containment - None</td>
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<td>D02 - Pipe Type - Galvanized Steel</td>
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### Equipment Records:

**JOSE PEREZ (Continued)**

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<tr>
<td>B00 - Tank External Protection - None</td>
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<td>F00 - Pipe External Protection - None</td>
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<td>H05 - Tank Leak Detection - In-Tank System (ATG)</td>
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**Tank Number:** 003  
**Tank ID:** 39363  
**Tank Status:** Tank Converted to Non-Regulated Use  
**Material Name:** Tank Converted to Non-Regulated Use  
**Capacity Gallons:** 4000  
**Install Date:** 12/01/1971  
**Date Tank Closed:** 01/01/1995  
**Registered:** True  
**Tank Location:** Underground  
**Tank Type:** Steel/carbon steel  
**Material Code:** 0009  
**Common Name of Substance:** Gasoline  
**Tightness Test Method:** NN  
**Date Test:** Not reported  
**Next Test Date:** Not reported  
**Pipe Model:** Not reported  
**Modified By:** TRANSLAT  
**Last Modified:** 03/04/2004  

**Equipment Records:**

- D02 - Pipe Type - Galvanized Steel  
- C00 - Pipe Location - No Piping  
- J04 - Overfill - Product Level Gauge (A/G)  
- J02 - Dispenser - Suction Dispenser  
- A00 - Tank Internal Protection - None  
- G00 - Tank Secondary Containment - None  
- B00 - Tank External Protection - None  
- F00 - Pipe External Protection - None  
- H05 - Tank Leak Detection - In-Tank System (ATG)  

**Tank Number:** 003  
**Tank ID:** 9622  
**Tank Status:** Closed - Removed  
**Material Name:** Closed - Removed  
**Capacity Gallons:** 4000  
**Install Date:** 12/01/1971  
**Date Tank Closed:** 11/01/2006  
**Registered:** True  
**Tank Location:** Underground  
**Tank Type:** Steel/carbon steel  
**Material Code:** 0009  
**Common Name of Substance:** Gasoline  
**Tightness Test Method:** 20  
**Date Test:** 05/08/2001  
**Next Test Date:** Not reported  
**Pipe Model:** Not reported  
**Modified By:** NRLOMBAR  
**Last Modified:** 12/19/2006  

**Equipment Records:**
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### JOSE PEREZ (Continued)

**Common Name of Substance:** #2 Fuel Oil (On-Site Consumption)

**Material Code:** Steel/carbon steel

**Tank Type:** Underground

**Tank Location:** True

**Registered:** 11/01/2006

**Date Tank Closed:** 12/01/1971

**Install Date:** 05/01/1995

**Capacity Gallons:** 550

**Date Test:** Not reported

**Next Test Date:** Not reported

**Pipe Model:** Not reported

**Modified By:** NFLROMBAR

**Last Modified:** 12/19/2006

**Tank Number:** 004

**Tank ID:** 49018

**Tank Status:** Closed - Removed

**Material Name:** Closed - Removed

**Equipment Records:**
- **J02 - Dispenser - Suction Dispenser**
- **A00 - Tank Internal Protection - None**
- **C02 - Pipe Location - Underground/On-ground**
- **G00 - Tank Secondary Containment - None**
- **I00 - Overfill - None**
- **L09 - Piping Leak Detection - Exempt Suction Piping**
- **D10 - Pipe Type - Copper**
- **H00 - Tank Leak Detection - None**
- **B00 - Tank External Protection - None**
- **F00 - Pipe External Protection - None**

**Tightness Test Method:** NN

**Date Modified:** Not reported

**Tank Number:** 004

**Tank ID:** 39364

**Tank Status:** Tank Converted to Non-Regulated Use

**Material Name:** Tank Converted to Non-Regulated Use

**Capacity Gallons:** 550

**Install Date:** 12/01/1971

**Date Tank Closed:** 01/01/1995

**Registered:** True

**Tank Location:** Underground

**Tank Type:** Steel/carbon steel

**Material Code:** 0001

**Common Name of Substance:** #2 Fuel Oil (On-Site Consumption)
JOSE PEREZ (Continued)  U004067688

Tightness Test Method:  NN
Date Test:  Not reported
Next Test Date:  Not reported
Pipe Model:  Not reported
Modified By:  TRANSLAT
Last Modified:  03/04/2004

Equipment Records:
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:  005
Tank ID:  39365
Tank Status:  Tank Converted to Non-Regulated Use
Material Name:  Tank Converted to Non-Regulated Use
Capacity Gallons:  550
Install Date:  12/01/1971
Date Tank Closed:  01/01/1995
Registered:  True
Tank Location:  Underground
Tank Type:  Steel/carbon steel
Material Code:  9999
Common Name of Substance:  Other

Tightness Test Method:  NN
Date Test:  Not reported
Next Test Date:  Not reported
Pipe Model:  Not reported
Modified By:  TRANSLAT
Last Modified:  03/04/2004

Equipment Records:
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel

Tank Number:  005
Tank ID:  49019
Tank Status:  Closed - Removed
Material Name:  Closed - Removed
Capacity Gallons:  550
Install Date:  12/01/1971
Date Tank Closed:  08/01/2000
JOSE PEREZ (Continued)  

Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0022  
Common Name of Substance: Waste Oil/Used Oil  

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 03/04/2004  

Equipment Records:  
- D01 - Pipe Type - Steel/Carbon Steel/Iron  
- C00 - Pipe Location - No Piping  
- A00 - Tank Internal Protection - None  
- G00 - Tank Secondary Containment - None  
- I00 - Overfill - None  
- H00 - Tank Leak Detection - None  
- B00 - Tank External Protection - None  
- F00 - Pipe External Protection - None  

Affiliation Records:  
- Site Id: 21647  
- Affiliation Type: On-Site Operator  
- Company Name: JOSE PEREZ  
- Contact Type: Not reported  
- Contact Name: JOSE PEREZ  
- Address1: Not reported  
- Address2: Not reported  
- City: Not reported  
- State: NY  
- Zip Code: Not reported  
- Country Code: 001  
- Phone: (212) 665-0844  
- EMail: Not reported  
- Fax Number: Not reported  
- Modified By: EXROSSAN  
- Date Last Modified: 2005-07-08  

- Site Id: 21647  
- Affiliation Type: Facility Owner  
- Company Name: STORAGE MAINTAINENCE  
- Contact Type: Not reported  
- Contact Name: Not reported  
- Address1: 55 JERCHO TURNPIKE  
- Address2: Not reported  
- City: JERICHO  
- State: NY  
- Zip Code: 11753  
- Country Code: 001  
- Phone: (516) 997-9300  
- EMail: Not reported  
- Fax Number: Not reported  
- Modified By: TRANSLAT  
- Date Last Modified: 2004-03-04
JOSE PEREZ (Continued)

Site Id: 21647
Affiliation Type: Mail Contact
Company Name: STORAGE MAINTAINENCE
Contact Type: Not reported
Contact Name: Not reported
Address1: 55 JERCHO TURNPIKE
Address2: Not reported
City: JERicho
State: NY
Zip Code: 11753
Country Code: 001
Phone: (516) 997-9300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21647
Affiliation Type: Emergency Contact
Company Name: STORAGE MAINTAINENCE
Contact Type: Not reported
Contact Name: CARY WOLF
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 997-9300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 9620
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 05/08/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/19/2006

Equipment Records:
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<tr>
<td>Tank Status:</td>
<td>Tank Converted to Non-Regulated Use</td>
</tr>
<tr>
<td>Material Name:</td>
<td>Tank Converted to Non-Regulated Use</td>
</tr>
<tr>
<td>Capacity Gallons:</td>
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<tr>
<td>Install Date:</td>
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<td>Date Tank Closed:</td>
<td>01/01/1995</td>
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<td>Registered:</td>
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<td>Material Code:</td>
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<td>Next Test Date:</td>
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<td>Pipe Model:</td>
<td>Not reported</td>
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<tr>
<td>Modified By:</td>
<td>TRANSLAT</td>
</tr>
<tr>
<td>Last Modified:</td>
<td>03/04/2004</td>
</tr>
</tbody>
</table>

**Equipment Records:**
- J02 - Dispenser - Suction Dispenser
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- D02 - Pipe Type - Galvanized Steel
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- H05 - Tank Leak Detection - In-Tank System (ATG)

<table>
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<th>Tank Number:</th>
<th>002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank ID:</td>
<td>9621</td>
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</tr>
<tr>
<td>Material Name:</td>
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</tr>
<tr>
<td>Capacity Gallons:</td>
<td>4000</td>
</tr>
<tr>
<td>Install Date:</td>
<td>12/01/1971</td>
</tr>
<tr>
<td>Date Tank Closed:</td>
<td>11/01/2006</td>
</tr>
<tr>
<td>Registered:</td>
<td>True</td>
</tr>
<tr>
<td>Tank Location:</td>
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</tr>
<tr>
<td>Tank Type:</td>
<td>Steel/carbon steel</td>
</tr>
<tr>
<td>Material Code:</td>
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<tr>
<td>Common Name of Substance:</td>
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</tr>
<tr>
<td>Tightness Test Method:</td>
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JOSE PEREZ (Continued)

Date Test: 05/08/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/19/2006

Equipment Records:
- G03 - Tank Secondary Containment - Vault (w/o access)
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- I02 - Overfill - High Level Alarm
- F08 - Pipe External Protection - Retrofitted Impressed Current
- B00 - Tank External Protection - None
- H05 - Tank Leak Detection - In-Tank System (ATG)
- D02 - Pipe Type - Galvanized Steel

Tank Number: 002
Tank ID: 39362
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- C00 - Pipe Location - No Piping
- J04 - Overfill - Product Level Gauge (A/G)
- J02 - Dispenser - Suction Dispenser
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- D02 - Pipe Type - Galvanized Steel
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 003
Tank ID: 39363
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
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<td>G05 - Tank Leak Detection - In-Tank System (ATG)</td>
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<td>G03 - Tank Secondary Containment - Vault (w/o access)</td>
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<td>K01 - Spill Prevention - Catch Basin</td>
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<td>F08 - Pipe External Protection - Retrofitted Impressed Current</td>
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<td>A00 - Tank Internal Protection - None</td>
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<td>C02 - Pipe Location - Underground/On-ground</td>
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<td>I02 - Overfill - High Level Alarm</td>
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<td>D02 - Pipe Type - Galvanized Steel</td>
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<td>B00 - Tank External Protection - None</td>
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<td>H05 - Tank Leak Detection - In-Tank System (ATG)</td>
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JOSE PEREZ (Continued)

Tank Number: 004
Tank ID: 49018
Tank Status: Closed - Removed
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 11/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/19/2006

Equipment Records:
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
D10 - Pipe Type - Copper
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 39364
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: 12/01/1971
Date Tank Closed: 01/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
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<th>Elevation</th>
<th>Site</th>
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**JOSE PEREZ (Continued)**

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<td>F00   - Pipe External Protection</td>
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<td>B00   - Tank External Protection</td>
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<td>Tank Location</td>
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<td>Common Name of Substance</td>
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<td>Next Test Date</td>
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<td>Modified By</td>
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<td>03/04/2004</td>
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**Equipment Records:**

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<td>I00   - Overfill</td>
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<td>H00   - Tank Leak Detection</td>
<td>None</td>
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<td>F00   - Pipe External Protection</td>
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<td>Material Name</td>
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<tr>
<td>Capacity Gallons</td>
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<tr>
<td>Install Date</td>
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<td>Tank Location</td>
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<td>Tank Type</td>
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<td>Date Test</td>
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<td>Modified By</td>
<td>TRANSLAT</td>
</tr>
<tr>
<td>Last Modified</td>
<td>03/04/2004</td>
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</table>
JOSE PEREZ (Continued)

Equipment Records:
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- C00 - Pipe Location - No Piping
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- H00 - Tank Leak Detection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

---

RCRA-LQG: 1012186678
NY MANIFEST: NYR000165407

RCRA-LQG:
- Date form received by agency: 06/09/2009
- Facility name: PROW BUILDING
- Facility address: 560 EXTERIOR ST
- BRONX, NY 10451
- EPA ID: NYR000165407
- Mailing address: COLUMBUS CIRCLE
- NEW YORK, NY 10023
- Contact: ANA BLUMENAU
- Contact address: COLUMBUS CIRCLE
- NEW YORK, NY 10023
- Contact country: US
- Contact telephone: (212) 801-1081
- Contact email: ABLUMENAU@RELATED.COM
- EPA Region: 02
- Classification: Large Quantity Generator
- Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
- Owner/operator name: THE CITY OF NEW YORK
- Owner/operator address: CITY HALL
- NEW YORK, NY 10007
- Owner/operator country: US
- Owner/operator telephone: Not reported
- Legal status: Municipal
- Owner/Operator Type: Owner
- Owner/Op start date: 07/21/1972
- Owner/Op end date: Not reported
- Owner/operator name: BTM DEVELOPMENT PARTNERS LLC
### PROW BUILDING (Continued)

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<tr>
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Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

- Waste code: D008
- Waste name: LEAD

Violation Status: No violations found

#### NY MANIFEST:
- **Country:** USA
- **EPA ID:** NYR000165407
- **Facility Status:** Not reported
- **Location Address 1:** 560 EXTERIOR ST
- **Code:** BP
- **Location Address 2:** 15 MAJOR DEEGAN ROAD
- **Total Tanks:** Not reported
- **Location City:** BRONX
- **Location State:** NY
- **Location Zip:** 10451
- **Location Zip 4:** Not reported

#### NY MANIFEST:
- **EPAID:** NYR000165407
- **Mailing Name:** PROW BUILDING
- **Mailing Contact:** BTM DEVELOPMENT PARTNERS LLC
- **Mailing Address 1:** 60 COLUMBUS CIRCLE
- **Mailing Address 2:** Not reported
- **Mailing City:** NEW YORK
- **Mailing State:** NY
- **Mailing Zip:** 10023
- **Mailing Zip 4:** Not reported
- **Mailing Country:** USA
- **Mailing Phone:** 7185851975
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**Click this hyperlink** while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
### Site 1 of 2 in cluster S

**Relative:** Lower  
**Actual:** 19 ft.

**RCRA NonGen / NLR:**  
- Date form received by agency: 07/10/2014  
- Facility name: CON EDISON SERVICE BOX: 20730  
- Facility address: PARK AVE & E 146TH ST  
  BRONX, NY 10458  
- EPA ID: NYP004558581  
- Mailing address: THOMAS TEELING  
  IRVING PL, 15TH FL NE  
  NEW YORK, NY 10003  
- Contact: THOMAS TEELING  
- Contact address: Not reported  
- Contact country: Not reported  
- Contact telephone: (212) 460-3770  
- Contact email: Not reported  
- EPA Region: 02  
- Classification: Non-Generator  
- Description: Handler: Non-Generators do not presently generate hazardous waste

#### Handler Activities Summary:
- U.S. importer of hazardous waste: No  
- Mixed waste (haz. and radioactive): No  
- Recycler of hazardous waste: No  
- Transporter of hazardous waste: No  
- Treater, storor or disposer of HW: No  
- Underground injection activity: No  
- On-site burner exemption: No  
- Furnace exemption: No  
- Used oil fuel burner: No  
- Used oil processor: No  
- User oil refiner: No  
- Used oil fuel marketer to burner: No  
- Used oil Specification marketer: No  
- Used oil transfer facility: No  
- Used oil transporter: No

#### Historical Generators:
- Date form received by agency: 06/10/2014  
- Site name: CON EDISON  
- Classification: Large Quantity Generator

- Date form received by agency: 06/10/2014  
  Site name: CON EDISON  
  Classification: Not a generator, verified

- Violation Status: No violations found

**FINDS:**
- Registry ID: 110063826338

**Environmental Interest/Information System**
RCCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of...
CON EDISON SERVICE BOX: 20730 (Continued)

<table>
<thead>
<tr>
<th>S144</th>
<th>CON EDISON</th>
<th>NY MANIFEST</th>
<th>S117063434</th>
</tr>
</thead>
<tbody>
<tr>
<td>East</td>
<td>PARK AVE &amp; E 146TH ST</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>1/8-1/4</td>
<td>BRONX, NY 10458</td>
<td>NY MANIFEST</td>
<td></td>
</tr>
<tr>
<td>0.165 mi.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>873 ft.</td>
<td></td>
<td>S117063434</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Site 2 of 2 in cluster S**

Relative: Lower

Actual: 19 ft.

NY MANIFEST:

- **Country:** USA
- **EPA ID:** NYP004558581
- **Facility Status:** Not reported
- **Location Address 1:** PARK AVE & E 146 ST
- **Code:** BP
- **Location Address 2:** SB 20730
- **Total Tanks:** Not reported
- **Location City:** BRONX
- **Location State:** NY
- **Location Zip:** 10451
- **Location Zip 4:** Not reported

NY MANIFEST:

- **EPA ID:** NYP004558581
- **Mailing Name:** CON EDISON
- **Mailing Contact:** TOM TEELING
- **Mailing Address 1:** 4 IRVING PLACE 15TH FLOOR
- **Mailing Address 2:** Not reported
- **Mailing City:** NEW YORK
- **Mailing State:** NY
- **Mailing Zip:** 10003
- **Mailing Zip 4:** Not reported
- **Mailing Country:** USA
- **Mailing Phone:** Not reported

NY MANIFEST:

- **Document ID:** Not reported
- **Manifest Status:** Not reported
- **seq:** Not reported
- **Year:** 2014
- **Trans1 State ID:** NJD003812047
- **Trans2 State ID:** Not reported
- **Generator Ship Date:** 06/10/2014
- **Trans1 Recv Date:** 06/10/2014
- **Trans2 Recv Date:** Not reported
- **TSD Site Recv Date:** 06/11/2014
- **Part A Recv Date:** Not reported
- **Part B Recv Date:** Not reported
- **Generator EPA ID:** NYP004558581
- **Trans1 EPA ID:** Not reported
- **Trans2 EPA ID:** Not reported
- **TSDF ID 1:** NJD991291105

Events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.
CON EDISON (Continued)  |  S117063434
---|---
TSDF ID 2: | Not reported
Manifest Tracking Number: 002502262GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported
Quantity: 1000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
NYCDEP (Continued)

Mailing Contact: LIONEL MACKENZIE
Mailing Address 1: PROTECTION 1 CENTER STREET
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10007
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2126698930

NY MANIFEST:
Document ID: NYB2191554
Manifest Status: K
seq: Not reported
Year: 1990
Trans1 State ID: PC4341NY
Trans2 State ID: Not reported
Generator Ship Date: 08/29/1990
Trans1 Recv Date: 08/29/1990
Trans2 Recv Date: / /
TSD Site Recv Date: 08/29/1990
Part A Recv Date: 09/11/1990
Part B Recv Date: 09/25/1990
Generator EPA ID: NYP010000057
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID 1: NYD049178296
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00200
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
### MAP FINDINGS

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>Date Last Modified</th>
<th>Affiliation Records</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>26413</td>
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<tr>
<td>Q146</td>
<td>NE</td>
<td>1/9-1/4</td>
<td>915 ft.</td>
<td>Site 7 of 10 in cluster Q</td>
<td>NY AST</td>
<td>S107783576</td>
<td>N/A</td>
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</tbody>
</table>

**Location Details**

- **City**: NOT REPORTED
- **Address1**: 48-34 35TH STREET
- **Address2**: NOT REPORTED
- **Contact Name**: JOSEPH MASTROPIETRO
- **Company Name**: NEW YORK CITY FIRE DEPARTMENT
- **Site Id**: 26413
- **Date Last Modified**: 2004-03-04

**Site Information**

- **Program Type**: PBS
- **UTM X**: 590454.66455
- **UTM Y**: 4519307.92443
- **Expiration Date**: N/A
- **Site Type**: Other

**Affiliation Records**

- **Site Id**: 26413
- **Affiliation Type**: Facility Owner
- **Company Name**: NEW YORK CITY FIRE DEPARTMENT
- **Contact Name**: JOSEPH MASTROPIETRO
- **Address**: 48-34 35TH STREET
- **City**: LONG ISLAND CITY
- **State**: NY
- **Zip Code**: 11101
- **Country Code**: 001
- **Phone**: (718) 784-6568
- **EMail**: NOT REPORTED
- **Fax Number**: NOT REPORTED
- **Modified By**: TRANSLAT
- **Date Last Modified**: 2004-03-04

- **Site Id**: 26413
- **Affiliation Type**: Emergency Contact
- **Company Name**: NEW YORK CITY FIRE DEPARTMENT
- **Contact Name**: JOSEPH MASTROPIETRO
- **Address**: 48-34 35TH STREET
- **City**: NOT REPORTED
- **State**: NN
- **Zip Code**: NOT REPORTED
- **Country Code**: 001
- **Phone**: (718) 784-6500
- **EMail**: NOT REPORTED
- **Fax Number**: NOT REPORTED
- **Modified By**: TRANSLAT
- **Date Last Modified**: 2004-03-04

- **Site Id**: 26413
- **Affiliation Type**: Mail Contact
- **Company Name**: NEW YORK CITY FIRE DEPARTMENT
- **Contact Name**: JOSEPH MASTROPIETRO
- **Address**: 48-34 35TH STREET
- **City**: NOT REPORTED
- **State**: LONG ISLAND CITY
- **Zip Code**: NOT REPORTED
- **Country Code**: 001
- **Phone**: (718) 784-6500
- **EMail**: NOT REPORTED
- **Fax Number**: NOT REPORTED
- **Modified By**: TRANSLAT
- **Date Last Modified**: 2004-03-04
ENGINE COMPANY 41 (Continued)

State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26413
Affiliation Type: On-Site Operator
Company Name: ENGINE COMPANY 41
Contact Type: Not reported
Contact Name: JOSEPH MASTROPIETRO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 784-6500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 58143
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
B99 - Tank External Protection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
### ENGINE COMPANY 41 (Continued)

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Site Status</th>
<th>Facility Id.</th>
<th>Program Type</th>
<th>UTM X</th>
<th>UTM Y</th>
<th>Expiration Date</th>
<th>Site Type</th>
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<tbody>
<tr>
<td>21070</td>
<td>Active</td>
<td>2-476196</td>
<td>PBS</td>
<td>590483.56250</td>
<td>4519218.00000</td>
<td>12/15/2021</td>
<td>Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)</td>
</tr>
</tbody>
</table>

### Address Details
- **City:** NEW YORK
- **State:** NY
- **Zip Code:** 10014
- **Country Code:** 001

### Contact Details
- **Phone:** (212) 447-8008
- **EMail:** AESCAMILLA@IYOUNGWOO.COM

### Additional Information
- **Affiliation Records:**
  - **Site Id:** 21070
  - **Affiliation Type:** Mail Contact
  - **Company Name:** YOUNGWOO & ASSOCIATES
  - **Contact Type:** Not reported
  - **Address1:** 435 HUDSON STREET
  - **Address2:** SUITE 402
  - **City:** NEW YORK
  - **State:** NY
  - **Zip Code:** 10014
  - **Country Code:** 001
  - **Phone:** (212) 447-8008
  - **EMail:** AESCAMILLA@IYOUNGWOO.COM
  - **Fax Number:** Not reported
  - **Modified By:** DMPOKRZY
  - **Date Last Modified:** 2016-12-15

---

**Map Findings**

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site Type</th>
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<th>Facility Id.</th>
<th>Program Type</th>
<th>UTM X</th>
<th>UTM Y</th>
<th>Expiration Date</th>
<th>Site Type</th>
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<tbody>
<tr>
<td>S107783576</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Q147 NE 558-582 GRAND CONCOURSE**
- **BRONX LANDMARK**
- **NY AST**
- **U003395125**
- **N/A**

- **1/8-1/4**
- **0.174 mi.**
- **919 ft.**
- **Site 8 of 10 in cluster Q**

**Relative:**
- **Higher**
- **Actual:**
  - **Relative:**
    - **Higher:**
      - **Relative:**
        - **Actual:**
**BRONX LANDMARK (Continued)**

- **Contact Name:** ALEXANDRA ESCAMILLA
- **Address1:** Not reported
- **Address2:** Not reported
- **City:** New York
- **State:** NY
- **Zip Code:** 10014
- **Country Code:** 1
- **Phone:** (212) 447-8008
- **Fax Number:** Not reported
- **EMail:** Not reported
- **Modified By:** DMPOKRZY
- **Date Last Modified:** 2016-12-15

**Tank Info:**

- **Tank Number:** 001
- **Tank Id:** 37927
- **Material Code:** 0001
- **Common Name of Substance:** #2 Fuel Oil (On-Site Consumption)

**Equipment Records:**

- G10 - Tank Secondary Containment - Impervious Underlayment
- C01 - Pipe Location - Aboveground
- J00 - Dispenser - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- G02 - Tank Secondary Containment - Vault (w/access)
- I05 - Overfill - Vent Whistle
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- K00 - Spill Prevention - None
- H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
- E02 - Piping Secondary Containment - Vault (with Access)
- A00 - Tank Internal Protection - None
- L00 - Piping Leak Detection - None
- I04 - Overfill - Product Level Gauge (A/G)

- **Tank Location:** 3
- **Tank Type:** Steel/Carbon Steel/Iron
- **Tank Status:** In Service
- **Pipe Model:** Not reported
<table>
<thead>
<tr>
<th>Site</th>
<th>UST:</th>
<th>NY UST</th>
<th>UST:</th>
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<tbody>
<tr>
<td>BRONX LANDMARK</td>
<td></td>
<td>558-582 GRAND CONCOURSE</td>
<td>558-582 GRAND CONCOURSE</td>
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<tr>
<td>NE</td>
<td></td>
<td>BRONX, NY 10454</td>
<td>BRONX, NY 10454</td>
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<tr>
<td>1/8-1/4</td>
<td></td>
<td>0.174 mi.</td>
<td>0.174 mi.</td>
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<tr>
<td>919 ft.</td>
<td></td>
<td>Site 9 of 10 in cluster Q</td>
<td>Site 9 of 10 in cluster Q</td>
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</tbody>
</table>

**Q148 BRONX LANDMARK**

**NY UST 2014-12-15**

**Site Type:**

- Relative: UST:
  - Higher: 2.476196 / Active
  - Actual: 49 ft.
  - 49 ft.

**Site Coordinates:**

- UTM X: 590483.56250
- UTM Y: 4519218.0000

**Site Information:**

- Site: 21070
- Affiliation Type: Mail Contact
- Company Name: YOUNGWOOG ASSOCIATES
- Contact Type: Not reported
- Contact Name: ALEXANDRA ESCAMILLA
- Address1: 435 HUDSON STREET
- Address2: SUITE 402
- City: NEW YORK
- State: NY
- Zip Code: 10014
- Country Code: 001
- Phone: (212) 447-8008
- EMail: AESCAMILLA@IYOUNGWOOG.COM
- Fax Number: Not reported
- Modified By: DMPOKRZY
- Date Last Modified: 2016-12-15

**Site Details:**

- Install Date: 12/01/1958
- Capacity Gallons: 20000
- Tightness Test Method: NN
- Date Test: Not reported
- Next Test Date: Not reported
- Date Tank Closed: Not reported
- Register: True
- Modified By: DMPOKRZY
- Last Modified: 12/15/2016
- Material Name: Not reported
BRONX LANDMARK (Continued)

Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-12-15

Site Id: 21070
Affiliation Type: Emergency Contact
Company Name: BRONX LANDMARK
Contact Type: Not reported
Contact Name: ALEXANDRA ESCAMILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 447-8008
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-12-15

Site Id: 21070
Affiliation Type: Facility Owner
Company Name: BRONX LANDMARK
Contact Type: AUTHORIZED SIGNOR
Contact Name: MARGUIARETTE LEE
Address1: 435 HUDSON STREET SUITE 402
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10014
Country Code: 001
Phone: (212) 447-8008
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-12-15

Tank Info:

Tank Number: #1
Tank ID: 60306
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2500
Install Date: Not reported
Date Tank Closed: 04/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
<table>
<thead>
<tr>
<th>Equipment Records:</th>
<th>H00 - Tank Leak Detection - None</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>B00 - Tank External Protection - None</td>
</tr>
<tr>
<td></td>
<td>F00 - Pipe External Protection - None</td>
</tr>
<tr>
<td></td>
<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
</tr>
<tr>
<td></td>
<td>G03 - Tank Secondary Containment - Vault (w/o access)</td>
</tr>
<tr>
<td></td>
<td>J02 - Dispenser - Suction Dispenser</td>
</tr>
<tr>
<td></td>
<td>A00 - Tank Internal Protection - None</td>
</tr>
<tr>
<td></td>
<td>C02 - Pipe Location - Underground/On-ground</td>
</tr>
<tr>
<td></td>
<td>I00 - Overfill - None</td>
</tr>
</tbody>
</table>

| Tank Number: | #2 |
| Tank ID:     | 60307 |
| Tank Status: | Closed - In Place |
| Material Name: | Closed - In Place |
| Capacity Gallons: | 2500 |
| Install Date: | Not reported |
| Date Tank Closed: | 04/01/2001 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0009 |
| Common Name of Substance: | Gasoline |

| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
| Modified By: | TRANSLAT |
| Last Modified: | 03/04/2004 |

<table>
<thead>
<tr>
<th>Equipment Records:</th>
<th>A00 - Tank Internal Protection - None</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>C02 - Pipe Location - Underground/On-ground</td>
</tr>
<tr>
<td></td>
<td>I00 - Overfill - None</td>
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<tr>
<td></td>
<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
</tr>
<tr>
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<td>G03 - Tank Secondary Containment - Vault (w/o access)</td>
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<tr>
<td></td>
<td>J02 - Dispenser - Suction Dispenser</td>
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<td>H00 - Tank Leak Detection - None</td>
</tr>
<tr>
<td></td>
<td>B00 - Tank External Protection - None</td>
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<tr>
<td></td>
<td>F00 - Pipe External Protection - None</td>
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</tbody>
</table>

**RCRA-CESQG:**

1001080199  1001080199

**RCRA-CESQG FINDS:**

NY6180000137  NY6180000137

**RCRA-CESQG ECHO:**

NY MANIFEST  NY MANIFEST

**RCRA-CESQG PA MANIFEST:**

BRONX, NY 10451

**USPS - BRONX:**

558 GRAND CONCOURSE

BRONX, NY 10451

**Q149 NE: 1/8-1/4 0.174 mi. 919 ft. Site 10 of 10 in cluster Q**

**Relative:**

Higher

**Actual:**

49 ft.
MAP FINDINGS

USPS - BRONX (Continued)  1001080199

Contact: MARLON L WILLIAMS
Contact address: GRAND CONCOURSE
Contact telephone: (718) 402-7744
Contact country: US
Location: BRONX, NY 10451
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: US POSTAL SERVICE
Owner/operator address: GRAND CONCOURSE
Owner/operator telephone: (718) 402-7744
Owner/operator country: US
Owner/operator address: GRAND CONCOURSE
Owner/operator telephone: (718) 402-7744
Owner/operator country: US
Owner/operator address: GRAND CONCOURSE
Owner/operator telephone: (718) 402-7744
Owner/operator country: US
Owner/operator address: US POST OFFICE
Owner/operator telephone: (718) 402-7546
Owner/operator country: US
Owner/operator address: 558 GRAND CONCOURSE
Owner/operator telephone: (718) 402-7546
Owner/operator country: US
Owner/operator address: US POST OFFICE
Owner/operator telephone: Not reported
Owner/operator country: US
Owner/operator address: 558 GRAND CONCOURSE
Owner/operator telephone: Not reported
Owner/operator country: US
USPS - BRONX (Continued)

Owner/operator country: Not reported
Owner/operator telephone: (718) 402-7546
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: USPS - BRONX
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/30/2003
Site name: USPS - BRONX
Classification: Small Quantity Generator

- Waste code: F002
- Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/07/1997
Site name: US POSTAL SERVICE - FACILITY
Classification: Small Quantity Generator

- Waste code: D001
- Waste name: IGNITABLE WASTE

- Waste code: D039
- Waste name: TETRACHLOROETHYLENE

- Waste code: F002
USPS - BRONX (Continued) 1001080199

- Waste name: 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110001564655

Environmental Interest/Information System
   RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001080199
Registry ID: 110001564655
DFR URL: http://echo.epa.gov/detailed-facility-report?id=110001564655

NY MANIFEST:

Country: USA
EPA ID: NY8180000137
Facility Status: Not reported
Location Address 1: 558 GRAND CONCOURSE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: 9731

NY MANIFEST:

EPAID: NY8180000137
Mailing Name: US POSTAL FACILITY BRONX GPO/P&DC
Mailing Contact: MICHAEL QUALIETERO
Mailing Address 1: 558 GRAND CONCOURSE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: 9731
Mailing Country: USA
USPS - BRONX (Continued)

Mailing Phone: 7184027443

NY MANIFEST:
- Document ID: Not reported
- Manifest Status: Not reported
- seq: Not reported
- Year: 2015
- Trans1 State ID: TXR000081205
- Trans2 State ID: NJD071629976
- Generator Ship Date: 08/28/2015
- Trans1 Recv Date: 08/28/2015
- Trans2 Recv Date: 09/11/2015
- TSD Site Recv Date: 09/14/2015
- Part A Recv Date: Not reported
- Part B Recv Date: Not reported
- Generator EPA ID: NY8180000137
- Trans1 EPA ID: Not reported
- Trans2 EPA ID: Not reported
- TSDF ID 1: KYD053348108
- TSDF ID 2: Not reported
- Manifest Tracking Number: 004867623SKS
- Import Indicator: N
- Export Indicator: N
- Discr Quantity Indicator: N
- Discr Type Indicator: N
- Discr Residue Indicator: N
- Discr Partial Reject Indicator: N
- Discr Full Reject Indicator: N
- Manifest Ref Number: Not reported
- Alt Facility RCRA ID: Not reported
- Alt Facility Sign Date: Not reported
- MGMT Method Type Code: H061
- Waste Code: Not reported
- Waste Code: Not reported
- Waste Code: Not reported
- Waste Code: Not reported
- Waste Code: Not reported
- Quantity: 900
- Units: P - Pounds
- Number of Containers: 3
- Container Type: DM - Metal drums, barrels
- Handling Method: B Incineration, heat recovery, burning.
- Specific Gravity: 1
- Waste Code: D001
- Waste Code 1_2: D005
- Waste Code 1_3: D006
- Waste Code 1_4: D007
- Waste Code 1_5: D008
- Waste Code 1_6: D011

Click this hyperlink while viewing on your computer to access
39 additional NY_MANIFEST record(s) in the EDR Site Report.

Manifest Details:
USPS - BRONX (Continued)

Year: 2013
Manifest Number: 001502239FLE
Manifest Type: TSD Copy
Generator EPA Id: NY8180000137
Generator Date: 09/05/2013
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Cycle Chem Inc
TSD Facility Address: 550 Industrial Rd
TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 25
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 001502239FLE
Manifest Type: TSD Copy
Generator EPA Id: NY8180000137
Generator Date: 09/05/2013
Mailing Address: Not reported
Mailing City, St, Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Cycle Chem Inc
TSD Facility Address: 550 Industrial Rd
TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: D002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2013
Manifest Number: 001502239FLE
Manifest Type: TSD Copy
USPS - BRONX (Continued)

Generator EPA Id: NY8180000137
Generator Date: 09/05/2013
Mailing Address: Not reported
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Contact Phone: 718-402-7546
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TSD Date: Not reported
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TSD Facility Address: 550 Industrial Rd
TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
TSD Copy

TSP EPA Id: Not reported
TSP Date Sig: Not reported

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Contact Phone: 718-402-7546
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TSD Date: Not reported
TSD Facility Name: Cycle Chem Inc
TSD Facility Address: 550 Industrial Rd
TSD Facility City: Lewisberry
TSD Facility State: PA
Facility Telephone: Not reported
TSD Copy

Page Number: 1
Line Number: 2
Waste Number: U154
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 50
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2007
Manifest Number: 000390487JJK
Manifest Type: Not reported
Generator EPA Id: NY8180000137
Generator Date: 12/11/2007
Mailing Address: Not reported
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MAP FINDINGS

USPS - BRONX (Continued)

TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 3
Waste Number: D002
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2007
Manifest Number: 000390487JJK
Manifest Type: Not reported
Generator EPA Id: NY8180000137
Generator Date: 12/11/2007
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2007
Manifest Number: 000390487JJK
Manifest Type: Not reported
Generator EPA Id: NY8180000137
Generator Date: 12/11/2007
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: 718-402-7546
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
**USPS - BRONX (Continued)**

- **TSD Facility Address:** 550 INDUSTRIAL DRIVE
- **TSD Facility City:** LEWISBERRY
- **TSD Facility State:** PA
- **Facility Telephone:** Not reported
- **Page Number:** 1
- **Line Number:** 4
- **Waste Number:** XXXX
- **Container Number:** 2
- **Container Type:** Fiberboard or plastic drums, barrels, kegs
- **Waste Quantity:** 10
- **Unit:** Gallons (liquids only)
- **Handling Code:** Not reported
- **TSP EPA Id:** Not reported
- **Date TSP Sig:** Not reported

**Year:** 2006

- **Manifest Number:** PAG473005
- **Manifest Type:** TSD Copy
- **Generator EPA Id:** NY8180000137
- **Generator Date:** 05/15/2006
- **Mailing Address:** Not reported
- **Mailing City,St,Zip:** Not reported
- **Contact Name:** Not reported
- **Contact Phone:** Not reported
- **TSD EPA Id:** PAD067098822
- **TSD Date:** Not reported

- **TSD Facility Name:** CYCLE CHEM INC
- **TSD Facility Address:** 550 INDUSTRIAL DRIVE
- **TSD Facility City:** LEWISBERRY
- **TSD Facility State:** PA
- **Facility Telephone:** 718-402-7546
- **Page Number:** 1
- **Line Number:** 4
- **Waste Number:** D001
- **Container Number:** 2
- **Container Type:** Fiberboard or plastic drums, barrels, kegs
- **Waste Quantity:** 12
- **Unit:** Pounds
- **Handling Code:** Not reported
- **TSP EPA Id:** Not reported
- **Date TSP Sig:** Not reported

Click this hyperlink while viewing on your computer to access
3 additional PA_MANIFEST: record(s) in the EDR Site Report.

---

**AST:**

- **Region:** STATE
- **DEC Region:** 2
- **Site Status:** Unregulated/Closed
- **Facility Id:** 2-070394
- **Program Type:** PBS
- **UTM X:** 590344.28472
585 GERARD AVENUE CORP. (Continued)

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<tr>
<td>Contact Name</td>
<td>HERBERT W. GLASER</td>
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<tr>
<td>Address1</td>
<td>50 EAST 153RD STREET</td>
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TC5022723.2s  Page 396
585 GERARD AVENUE CORP. (Continued)

Company Name: 585 GERARD AVENUE CORP.
Contact Type: Not reported
Contact Name: HERBERT W. GLASER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-9000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:
Tank Number: 001
Tank Id: 2646
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
F06 - Pipe External Protection - Wrapped
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
B05 - Tank External Protection - Jacketed
H99 - Tank Leak Detection - Other
J01 - Dispenser - Pressurized Dispenser

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/26/1994
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Not reported
R151  CON EDISON  NJ MANIFEST  S120678437
North 591 RIVER AVE  N/A
1/8-1/4  BRONX, NY 10451
0.181 mi.  Site 3 of 6 in cluster R
954 ft.

Relative: Lower
Actual: 7 ft.

NJ MANIFEST:
EPA Id: NYP004883043
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002832536GBF
EPA ID: NYP004883043
Date Shipped: 12/22/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
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Date Trans1 Transported Waste: Not reported
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Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
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Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
### CON EDISON (Continued)

- **Date Accepted:** Not reported
- **Manifest Discrepancy Type:** Not reported
- **Data Entry Number:** Not reported
- **Was Load Rejected:** NEW YORK, NY 10003
- **Reason Load Was Rejected:** Not reported

### Historical Generators:
- **Date form received by agency:** 12/22/2015
- **Site name:** CON EDISON
- **Classification:** Small Quantity Generator

### Handler Activities Summary:
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
- **Used oil Specification marketer:** No
- **Used oil transfer facility:** No
- **Used oil transporter:** No

### FINDS:

**FINDS:**

### Site 4 of 6 in cluster R

**RCRA NonGen / NLR:**

- **Date form received by agency:** 12/22/2015
- **Facility name:** CON EDISON
- **Facility address:** 591 RIVER AVE
  BRONX, NY 10451
- **EPA ID:** NYP004883043
- **Mailing address:** IRVING PL 15TH FL NE
  NEW YORK, NY 10003
- **Contact:** THOMAS TEELING
- **Contact address:** Not reported
- **Contact country:** Not reported
- **Contact telephone:** (212) 460-3770
- **Contact email:** Not reported
- **EPA Region:** 02
- **Classification:** Non-Generator

**Description:** Handler: Non-Generators do not presently generate hazardous waste
CON EDISON (Continued)

Registry ID: 110069655778

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1019909283
Registry ID: 110069655778
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069655778

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**T153**
**NNE**
1/8-1/4
0.181 mi.
956 ft.
Site 1 of 4 in cluster T

**LTANKS**

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<th>38 ft.</th>
</tr>
</thead>
</table>

Site ID: 284811
Spill Number/Closed Date: 9310947 / 1993-12-10
Spill Date: 1993-12-09
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1993-12-10
Cleanup Meets Standard: True
SWIS: 0301
Investigator: CAMMISA
Referred To: Not reported
Reported to Dept: 1993-12-09
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-12-13
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: Not reported
Spiller City,St,Zip: ***UPDATE***, ZZ
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
138 EAST 150TH STREET (Continued)  S102672286

DER Facility ID: 230947
DEC Memo: ""
Remarks: "VENT ALARM BROKE - TANK WAS ALREADY PULL. SENDING SOMEONE THERE TO CHECK IT OUT. THEN WILL CLEAN UP, SPEEDY DRY - WILL BE USED - BAG IT & DISPOSE OF IT."

Material:
- Site ID: 284811
- Operable Unit ID: 989612
- Operable Unit: 01
- Material ID: 390009
- Material Code: 0001A
- Material Name: #2 fuel oil
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: 5.00
- Units: Gallons
- Recovered: .00
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:

---

**Handler Activities Summary:**

- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storero or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No

**Facility Information:**

- **Address:** 37 E 149TH ST FRONT OF
- **City:** BRONX, NY 10451
- **State:** NY
- **Zip Code:** 10451

**Contact Information:**

- **Name:** THOMAS TEELING
- **Title:**
- **Phone:** (212) 460-3770
- **Email:** Not reported

**EPA ID:** NYP004546479

**Date form received by agency:** 06/29/2014
<table>
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<tr>
<td>Used oil fuel burner:</td>
<td>No</td>
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<tr>
<td>Used oil processor:</td>
<td>No</td>
</tr>
<tr>
<td>User oil refiner:</td>
<td>No</td>
</tr>
<tr>
<td>Used oil fuel marketer to burner:</td>
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<tr>
<td>Used oil Specification marketer:</td>
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</tr>
<tr>
<td>Used oil transfer facility:</td>
<td>No</td>
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<tr>
<td>Used oil transporter:</td>
<td>No</td>
</tr>
</tbody>
</table>

**Historical Generators:**

- Date form received by agency: 05/29/2014
- Site name: CON EDISON
- Classification: Large Quantity Generator

- Date form received by agency: 05/29/2014
- Site name: CON EDISON
- Classification: Not a generator, verified

**Violation Status:** No violations found

### NY MANIFEST

**NY MANIFEST:**

- **Site 2 of 6 in cluster U**
- **Relative:** Lower
- **Actual:** 3 ft.

- **Country:** USA
- **EPA ID:** NYP004546479
- **Facility Status:** Not reported
- **Location Address 1:** FO 370 E 149 ST
- **Code:** BP
- **Location Address 2:** SB 7108
- **Total Tanks:** Not reported
- **Location City:** BRONX
- **Location State:** NY
- **Location Zip:** 10455
- **Location Zip 4:** Not reported

- **NY MANIFEST:**
  - **EPA ID:** NYP004546479
  - **Mailing Name:** CON EDISON
  - **Mailing Contact:** TOM TEELING
  - **Mailing Address 1:** 4 IRVING PLACE 15TH FLOOR
  - **Mailing Address 2:** Not reported
  - **Mailing City:** NEW YORK
  - **Mailing State:** NY
  - **Mailing Zip:** 10003
  - **Mailing Zip 4:** Not reported
  - **Mailing Country:** USA
  - **Mailing Phone:** Not reported

- **NY MANIFEST:**
  - **Document ID:** Not reported
  - **Manifest Status:** Not reported
  - **seq:** Not reported
  - **Year:** 2014
  - **Trans1 State ID:** NJD003812047

---

**MAP FINDINGS**

- **Map ID:**
- **Direction:**
- **Distance:**
- **Elevation:**
- **Site:**
- **Database(s):**
- **EDR ID Number:**
- **EPA ID Number:**

---

**CON EDISON SERVICE BOX: 7108 (Continued)**

- **Page 402**
CON EDISON (Continued)

Trans2 State ID: Not reported
Generator Ship Date: 05/29/2014
Trans1 Recv Date: 05/29/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/30/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004546479
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002422965GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
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<tr>
<td>Total Tanks</td>
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<tr>
<td>Location State</td>
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<td>Location Zip 4</td>
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<td>Site</td>
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<td>Elevation</td>
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<td>Discr Type Indicator</td>
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<tr>
<td>Discr Residue Indicator</td>
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<td>Discr Partial Reject Indicator</td>
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<tr>
<td>Alt Facility RCRA ID</td>
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<tr>
<td>Alt Facility Sign Date</td>
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<tr>
<td>MGMT Method Type Code</td>
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NY MANIFEST:
- EPAID: NYP004546511
- Mailing Name: CON EDISON
- Mailing Contact: TOM TEELING
- Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
- Mailing Address 2: Not reported
- Mailing City: NEW YORK
- Mailing State: NY
- Mailing Zip: 10003
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: Not reported

NY MANIFEST:
- Document ID: Not reported
- Manifest Status: Not reported
- seq: Not reported
- Year: 2014
- Trans1 State ID: NJD003812047
- Trans2 State ID: Not reported
- Generator Ship Date: 05/29/2014
- Trans1 Recv Date: 05/29/2014
- Trans2 Recv Date: Not reported
- TSD Site Recv Date: 05/30/2014
- Part A Recv Date: Not reported
- Part B Recv Date: Not reported
- Generator EPA ID: NYP004546511
- Trans1 EPA ID: Not reported
- Trans2 EPA ID: Not reported
- TSDF ID 1: NJD991291105
- TSDF ID 2: Not reported
- Manifest Tracking Number: 0024222964GBF

CON EDISON (Continued)
CON EDISON (Continued)

Quantity: 600
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

U157  CON EDISON SERVICE BOX: 7105  RCRA NonGen / NLR 1017776781
NNW 91 E 149TH ST FRONT OF  FINDS  NYP004546511
1/8-1/4  BRONX, NY 10451
0.190 mi.  Site 4 of 6 in cluster U
1004 ft.
Relative: RCRA NonGen / NLR:
Lower Date form received by agency: 06/29/2014
Actual:
3 ft.
Facility name: CON EDISON SERVICE BOX: 7105
Facility address: 91 E 149TH ST FRONT OF
   BRONX, NY 10451
EPA ID: NYP004546511
Mailing address: IRVING PL, 15TH FL NE
   NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
CON EDISON SERVICE BOX: 7105 (Continued) 1017776781

Historical Generators:
- Date form received by agency: 05/29/2014
- Site name: CON EDISON
- Classification: Large Quantity Generator

Date form received by agency: 05/29/2014
- Site name: CON EDISON
- Classification: Not a generator, verified

Violation Status: No violations found

FINDS:
- Registry ID: 110063816900

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS; detail in the EDR Site Report.

U158 MILL POND PARK/PIER 5 US BROWNFIELDS 1018273279
NNW 65 EAST 149TH STREET N/A
1/8-1/4 BRONX, NY 10451
0.193 mi. 1018 ft. Site 5 of 6 in cluster U
Actual: 3 ft.

Relative: Lower

US BROWNFIELDS:
- Property Name: MILL POND PARK/PIER 5
- Recipient Name: New York, City of
- Grant Type: Assessment
- Property Number: Block 2356, Lot 2
- Parcel size: 4.17
- Latitude: 40.820118
- Longitude: -73.9315599999999
- HCM Label: Address Matching-House Number
- Map Scale: Not reported
- Point of Reference: Entrance Point of a Facility or Station
- Highlights: Not reported
- Datum: North American Datum of 1983
- Acres Property ID: 167508
- IC Data Access: Not reported
- Start Date: Not reported
- Redev Completion Date: Not reported
- Completed Date: Not reported
- Acres Cleaned Up: Not reported
- Cleanup Funding: Not reported
- Cleanup Funding Source: Not reported
- Assessment Funding: 4500
- Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
- Redevelopment Funding: Not reported
- Redev. Funding Source: Not reported
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### MILL POND PARK/PIER 5 (Continued)

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<td>Past use residential acreage</td>
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<td>Surface Water</td>
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<tr>
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<td>9023</td>
</tr>
<tr>
<td>Meidan Income Number</td>
<td>17255</td>
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<tr>
<td>Meidan Income Percent</td>
<td>2.0%</td>
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<tr>
<td>Vacant Housing Number</td>
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<td>Vacant Housing Percent</td>
<td>24.1%</td>
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<td>Unemployed Number</td>
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<td>Unemployed Percent</td>
<td>14.6%</td>
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**Map Findings**

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<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
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<td>NNE</td>
<td>0.193 mi.</td>
<td>1020 ft.</td>
<td>CON EDISON</td>
<td>RCRA NonGen / NLR</td>
<td>1018280125</td>
<td>NYP004749867</td>
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**Site 1 of 10 in cluster V**

Relative: Lower
Actual: 23 ft.

- **Date form received by agency:** 03/12/2015
- **Facility name:** CON EDISON
- **Facility address:** GERARD AVE & E 150TH ST
- **EPA ID:** NYP004749867
- **Mailing address:** IRVING PL, 15TH FL NE
- **NEW YORK, NY 10003**
- **Contact:** THOMAS TEELING
- **Contact address:** Not reported
- **Contact country:** Not reported
- **Contact telephone:** (212) 460-3770
- **Contact email:** Not reported
- **EPA Region:** 02
- **Classification:** Non-Generator
- **Description:** Handler: Non-Generators do not presently generate hazardous waste

**Handler Activities Summary:**
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
- **Used oil Specification marketer:** No
- **Used oil transfer facility:** No
- **Used oil transporter:** No

**Historical Generators:**
- **Date form received by agency:** 03/12/2015
- **Site name:** CON EDISON
- **Classification:** Large Quantity Generator
- **Violation Status:** No violations found

---

| V160   | NNE       | 0.193 mi.| 1020 ft.  | CON EDISON | RCRA NonGen / NLR | 1014398890 | NY MANIFEST | NYP004212635 |

**Site 2 of 10 in cluster V**

Relative: Lower
Actual: 23 ft.

- **Date form received by agency:** 08/02/2010
- **Facility name:** CON EDISON
- **Facility address:** GERARD AVE & E 150TH ST
- **EPA ID:** NYP004212635

TC5022723.2s  Page 409
CON EDISON (Continued)

Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: DENNIS ROHRER
Contact address: Not reported
Contact country: Not reported
Contact telephone: (914) 925-6219
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004212635
Facility Status: Not reported
Location Address 1: 150 & GERRARD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

EPA ID: NYP004212635
Mailing Name: CONSOLIDATED EDISON - TM 625
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770
Map ID
Direction
Distance
Elevation
Site
Database(s)
EDR ID Number
EPA ID Number

CON EDISON (Continued) 1014398890

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 08/03/2010
Trans1 Recv Date: 08/03/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/03/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004212635
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001086061GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: Y
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H111
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 300.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:
EPA Id: NYP004749867
Mail Address: IRVING PL, 15TH FL NE
CON EDISON (Continued)

Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002564940GBF
EPA ID: NYP004749867
Date Shipped: 3/12/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD0003812047

Transporter 1 EPA ID: Not reported
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported

Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported

Waste Type Code 1: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported
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</table>
CON EDISON (Continued) 1014398890

Waste:
- Manifest Year: Not reported
- Waste Code: D008
- Hand Code: H111
- Quantity: 300 P

NY MANIFEST: S117317416
Country: USA
EPA ID: NYP004648499

NY MANIFEST: N/A
EPA ID: NYP004648499

Location: GERARD AVE & E 150 ST
BRONX, NY 10461
0.193 mi.
1/8-1/4
1020 ft.

Relative: Site 3 of 10 in cluster V
Lower
Actual: 23 ft.

NY MANIFEST: Not reported
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 09/04/2014
Trans1 Recv Date: 09/04/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/05/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004648499
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
## CON EDISON (Continued)

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Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

### NY MANIFEST

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<tr>
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<tr>
<td>Location City</td>
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<td>Location Address 2</td>
<td>SB 4543</td>
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<tr>
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<td>Location Address 1</td>
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</tr>
<tr>
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### Site 4 of 10 in cluster V

**Relative:**
- Lower

**Actual:**
- 23 ft.
CON EDISON (Continued)

Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 03/12/2015
Trans1 Recv Date: 03/12/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/17/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004749867
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002564940GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
**CON EDISON (Continued)**

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<th>Distance</th>
<th>Site ID</th>
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<th>Relative</th>
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<tbody>
<tr>
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<td>1021 ft.</td>
<td>0.193 mi.</td>
<td>Site ID: 303539</td>
<td>Lower</td>
<td>1 ft.</td>
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</tbody>
</table>

**2 additional NY_MANIFEST: record(s) in the EDR Site Report.**

**Click this hyperlink** while viewing on your computer to access 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

---

**U163**

**NW**

**149TH STREET**

**BRONX, NY**

**LTANKS:**

<table>
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<tr>
<th>Site ID</th>
<th>Spill Number/Closed Date</th>
<th>Spill Date</th>
<th>Spill Cause</th>
<th>Spill Source</th>
<th>Spill Class</th>
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</table>

**Cleanup Ceased:** 1994-01-18
**Cleanup Meets Standard:** True
**SWIS:** 0301
**Investigator:** O’DOWD
**Referred To:** Not reported
**Reported to Dept:** 1994-01-17
**CID:** Not reported
**Water Affected:** EAST RIVER
**Spill Notifier:** Federal Government
**Last Inspection:** Not reported
**Recommended Penalty:** False
**UST Involvement:** False
**Remediation Phase:** 0
**Date Entered In Computer:** 1994-01-20
**Spill Record Last Update:** 2004-02-25
**Spiller Name:** Not reported
**Spiller Company:** AQUA MARINE
**Spiller Address:** 3245 RICHMOND TERRACE
**Spiller City,St,Zip:** STATEN ISLAND, ZZ
**Spiller County:** 001
**Spiller Contact:** Not reported
**Spiller Phone:** Not reported
**Spiller Extention:** Not reported
**DEC Region:** 2
**DER Facility ID:** 245228
**DEC Memo:** ***
**Remarks:** "FILLING TANK ON BARGE AND OVERFILLED. NOTIFIED DEP UNKNOWN ACTIONS TAKEN. NO CALL BACK REQUESTED. 1/18/94 USCG 10:05/AM POLL RESP. USCG COULDN'T CONFIRM. REPORT. NO SHEEN NOTHING MATCHED UP GOOSECHASE"
149TH STREET (Continued)

Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

R164  BRONX HOUSE OF DETENTION FOR MEN  NY UST  U001832892
North 653 RIVER AVENUE  NY UST  N/A
1/8-1/4 BRONX, NY 10451
0.194 mi.  Site 5 of 6 in cluster R
1023 ft.

Relative: UST:
Lower Id/Status: 2-187801 / Unregulated/Closed
Program Type: PBS
Actual: Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590339.05174
UTM Y: 4519629.04906
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:
Site Id: 5646
Affiliation Type: Mail Contact
Company Name: RELATED MANAGEMENT
Contact Type: Not reported
Contact Name: ED HILLA
Address1: 610 EXTERIOR STREET
Address2: SUITE 100B
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 513-7723
EMail: ED.HILLA@RELATED.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-08-21

Site Id: 5646
Affiliation Type: On-Site Operator
Company Name: BRONX HOUSE OF DETENTION FOR MEN
Contact Type: Not reported
Contact Name: ED HILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 513-7723
BRONX HOUSE OF DETENTION FOR MEN (Continued)  U001832892

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-08-21

Site Id: 5646
Affiliation Type: Emergency Contact
Company Name: NYC EDC
Contact Type: Not reported
Contact Name: RORY MELVIN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 312-3816
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMBLE
Date Last Modified: 2011-08-30

Site Id: 5646
Affiliation Type: Facility Owner
Company Name: NYC ECONOMIC DEVELOPMENT CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 110 WILLAIM ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 312-5000
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-08-21

Tank Info:

Tank Number: 001
Tank ID: 5703
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 7000
Install Date: 12/01/1946
Date Tank Closed: 05/03/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
BRONX HOUSE OF DETENTION FOR MEN (Continued)

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- D01 - Pipe Type: Steel/Carbon Steel/Iron
- J02 - Dispenser: Suction Dispenser
- H00 - Tank Leak Detection: None
- A00 - Tank Internal Protection: None
- G00 - Tank Secondary Containment: None
- C00 - Pipe Location: No Piping
- I04 - Overfill: Product Level Gauge (A/G)
- B00 - Tank External Protection: None
- F00 - Pipe External Protection: None

Tank Number: 002
Tank ID: 5704
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 7000
Install Date: 12/01/1946
Date Tank Closed: 05/09/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- A00 - Tank Internal Protection: None
- G00 - Tank Secondary Containment: None
- D01 - Pipe Type: Steel/Carbon Steel/Iron
- J02 - Dispenser: Suction Dispenser
- H00 - Tank Leak Detection: None
- C00 - Pipe Location: No Piping
- I04 - Overfill: Product Level Gauge (A/G)
- B00 - Tank External Protection: None
- F00 - Pipe External Protection: None

Tank Number: 003
Tank ID: 5705
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 15000
Install Date: 12/01/1946
Date Tank Closed: 05/09/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
### BRONX HOUSE OF DETENTION FOR MEN (Continued)

<table>
<thead>
<tr>
<th>Material Code:</th>
<th>0003</th>
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</thead>
<tbody>
<tr>
<td>Common Name of Substance:</td>
<td>#6 Fuel Oil (On-Site Consumption)</td>
</tr>
<tr>
<td>Tightness Test Method:</td>
<td>NN</td>
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<tr>
<td>Date Test:</td>
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<tr>
<td>Next Test Date:</td>
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<tr>
<td>Pipe Model:</td>
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</tr>
<tr>
<td>Modified By:</td>
<td>TRANSLAT</td>
</tr>
<tr>
<td>Last Modified:</td>
<td>03/04/2004</td>
</tr>
</tbody>
</table>

#### Equipment Records:
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- H00 - Tank Leak Detection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

<table>
<thead>
<tr>
<th>Tank Number:</th>
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<tbody>
<tr>
<td>Tank ID:</td>
<td>5706</td>
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<tr>
<td>Tank Status:</td>
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<tr>
<td>Material Name:</td>
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<tr>
<td>Capacity Gallons:</td>
<td>4000</td>
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<tr>
<td>Install Date:</td>
<td>12/01/1981</td>
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<tr>
<td>Date Tank Closed:</td>
<td>05/09/2003</td>
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<td>Registered:</td>
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<td>Tank Location:</td>
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<tr>
<td>Material Code:</td>
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<td>Common Name of Substance:</td>
<td>#2 Fuel Oil (On-Site Consumption)</td>
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<tr>
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<td>03</td>
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</tr>
<tr>
<td>Last Modified:</td>
<td>03/04/2004</td>
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</table>

#### Equipment Records:
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- H00 - Tank Leak Detection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

<table>
<thead>
<tr>
<th>Tank Number:</th>
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<tbody>
<tr>
<td>Tank ID:</td>
<td>180881</td>
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<tr>
<td>Tank Status:</td>
<td>Tank Converted to Non-Regulated Use</td>
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<tr>
<td>Material Name:</td>
<td>Tank Converted to Non-Regulated Use</td>
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### BRONX HOUSE OF DETENTION FOR MEN (Continued)

<table>
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<tr>
<td>Capacity Gallons</td>
<td>5000</td>
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<td>Install Date</td>
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<tr>
<td>Date Tank Closed</td>
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<tr>
<td>Registered</td>
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<tr>
<td>Tank Location</td>
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<tr>
<td>Tank Type</td>
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<td>Common Name of Substance</td>
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<td>Next Test Date</td>
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<tr>
<td>Pipe Model</td>
<td>Not reported</td>
</tr>
<tr>
<td>Modified By</td>
<td>NRLOMBAR</td>
</tr>
<tr>
<td>Last Modified</td>
<td>08/21/2013</td>
</tr>
</tbody>
</table>

#### Equipment Records:
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- E04 - Piping Secondary Containment - Double walled UG
- I02 - Overfill - High Level Alarm
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- K01 - Spill Prevention - Catch Basin
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F02 - Pipe External Protection - Original Sacrificial Anode
- F06 - Pipe External Protection - Wrapped
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- B04 - Tank External Protection - Fiberglass
- I05 - Overfill - Vent Whistle

<table>
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<tr>
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<td>Common Name of Substance</td>
<td>#2 Fuel Oil (On-Site Consumption)</td>
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#### Tightness Test Method:
- NN

#### Last Modified: 08/21/2013

#### Equipment Records:
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- I02 - Overfill - High Level Alarm
- B04 - Tank External Protection - Fiberglass
Equipment Records:

- I05 - Overfill - Vent Whistle
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- E04 - Piping Secondary Containment - Double walled UG
- K01 - Spill Prevention - Catch Basin
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F02 - Pipe External Protection - Original Sacrificial Anode
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- I05 - Overfill - Vent Whistle
NYCDC - BRONX DETENTION FOR MEN (Continued)

1000105610

EPA ID: NYD981487747
Mailing address: RIVER AVE
BRONX, NY 10458
Contact: ALVERO TERRY
Contact address: RIVER AVE
BRONX, NY 10458
Contact country: US
Contact telephone: (718) 391-1095
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NYC DEPT OF CORRECTION
Owner/operator address: 60 HUDSON ST
NEW YORK, NY 10013
Owner/operator country: US
Owner/operator telephone: (212) 266-1000
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF CORRECTION
Owner/operator address: 60 HUDSON ST
NEW YORK, NY 10013
Owner/operator country: US
Owner/operator telephone: (212) 266-1000
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NYCDC - BRONX DETENTION FOR MEN
Classification: Not a generator, verified
NYCDC - BRONX DETENTION FOR MEN  (Continued)

Date form received by agency: 05/19/1999
Site name: NY CDC - BRONX DETENTION FOR MEN
Classification: Small Quantity Generator

- Waste code: D000
- Waste name: Not Defined

- Waste code: D001
- Waste name: IGNITABLE WASTE

- Waste code: D008
- Waste name: LEAD

Date form received by agency: 07/15/1986
Site name: NY CDC - BRONX DETENTION FOR MEN
Classification: Not a generator, verified
Violation Status: No violations found

FINDS:

Registry ID: 110009472837

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000105610
Registry ID: 110009472837
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009472837

NY MANIFEST:
Country: USA
EPA ID: NYD981487747
Facility Status: Not reported
Location Address 1: 653 RIVER AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPA ID: NYD981487747
Mailing Name: NYC BRONX HOUSE OF DETENTION FOR MEN
Mailing Contact: MARTIN LEVY
NYCDC - BRONX DETENTION FOR MEN (Continued)

Mailing Address 1: 653 RIVER AVENUE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7186658520

NY MANIFEST:
Document ID: NYB8427609
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: 31124MA
Trans2 State ID: 0027401ME
Generator Ship Date: 08/07/1997
Trans1 Recv Date: 08/07/1997
Trans2 Recv Date: 08/13/1997
TSD Site Recv Date: 08/19/1997
Part A Recv Date: 08/26/1997
Part B Recv Date: 09/25/1997
Generator EPA ID: NYD981487747
Trans1 EPA ID: CTD982191942
Trans2 EPA ID: CTD982191942
TSDF ID 1: OHD980681571
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F003 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 085
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00080
NYCDC - BRONX DETENTION FOR MEN (Continued)

| Units:       | G - Gallons (liquids only)* (8.3 pounds) |
| Number of Containers: | 002 |
| Container Type:   | DM - Metal drums, barrels |
| Handling Method:  | B Incineration, heat recovery, burning. |
| Specific Gravity: | 085 |

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

<table>
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<tr>
<th>Site</th>
<th>Site Type</th>
<th>UST:</th>
<th>NY UST</th>
<th>UST Program Type</th>
<th>Region:</th>
<th>DEC Region:</th>
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<th>UTM X:</th>
<th>UTM Y:</th>
<th>Site Type:</th>
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<tbody>
<tr>
<td>166</td>
<td>255 EXTERIOR STREET, LLC</td>
<td>2-610014</td>
<td>004045301</td>
<td>PBS</td>
<td>STATE</td>
<td>2</td>
<td>N/A</td>
<td>590121.28918</td>
<td>4518639.51607</td>
<td>Other</td>
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Affiliation Records:

- Site Id: 351975
- Affiliation Type: Facility Owner
- Company Name: 255 EXTERIOR STREET, LLC
- Contact Type: AGENT
- Contact Name: ROMEO SANTOS
- Address1: 26 WEST 17TH STREET, STE.801
- Address2: Not reported
- City: NEW YORK
- State: NY
- Zip Code: 10011
- Country Code: 001
- Phone: (718) 862-3625
- EMail: Not reported
- Fax Number: Not reported
- Modified By: KXTANG
- Date Last Modified: 2005-08-31

Site Id: 351975
- Affiliation Type: Mail Contact
- Company Name: STORAGE DELUXE
- Contact Type: Not reported
- Contact Name: MR. MICHAEL JAYNE
- Address1: 1880 BARTOW AVENUE
- Address2: Not reported
- City: BRONX
- State: NY
- Zip Code: 10469
- Country Code: 001
- Phone: (718) 862-3625
- EMail: Not reported
- Fax Number: Not reported
255 EXTERIOR STREET, LLC (Continued)

Modified By: KXTANG
Date Last Modified: 2005-08-31

Site Id: 351975
Affiliation Type: On-Site Operator
Company Name: 255 EXTERIOR STREET, LLC
Contact Type: Not reported
Contact Name: MICHAEL JAYNE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 862-3625
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-31

Site Id: 351975
Affiliation Type: Emergency Contact
Company Name: 255 EXTERIOR STREET, LLC
Contact Type: Not reported
Contact Name: MICHAEL JAYNE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 862-3625
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-31

Tank Info:

Tank Number: 01
Tank ID: 207900
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/15/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG

TC5022723.2s Page 428
<table>
<thead>
<tr>
<th>Site</th>
<th>MAP FINDINGS</th>
</tr>
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<tbody>
<tr>
<td>Map ID</td>
<td>Direction</td>
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<tr>
<td>255 EXTERIOR STREET, LLC (Continued)</td>
<td></td>
</tr>
</tbody>
</table>

**Equipment Records:**

- **Tank Number:** 02
- **Tank ID:** 207901
- **Tank Status:** Closed - Removed
- **Material Name:** Closed - Removed
- **Capacity Gallons:** 550
- **Install Date:** Not reported
- **Date Tank Closed:** Not reported
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Steel/carbon steel
- **Material Code:** 0009
- **Common Name of Substance:** Gasoline
- **Tightness Test Method:** NN
- **Date Test:** Not reported
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** KXTANG
- **Last Modified:** 08/31/2005

**Equipment Records:**

- **Tank Number:** 03
- **Tank ID:** 207902
- **Tank Status:** Closed - Removed
- **Material Name:** Closed - Removed
- **Capacity Gallons:** 550
- **Install Date:** Not reported

**Pipe Model:**

- D00 - Pipe Type - No Piping
- E00 - Piping Secondary Containment - None
- J02 - Dispenser - Suction Dispenser
- K00 - Spill Prevention - None
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- L00 - Piping Leak Detection - None
- H00 - Tank Leak Detection - None
- C00 - Pipe Location - No Piping
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
## Equipment Records:

- **H00 - Tank Leak Detection - None**
- **A00 - Tank Internal Protection - None**
- **G00 - Tank Secondary Containment - None**
- **I00 - Overfill - None**
- **L00 - Piping Leak Detection - None**
- **D00 - Pipe Type - No Piping**
- **E00 - Piping Secondary Containment - None**
- **J02 - Dispenser - Suction Dispenser**
- **K00 - Spill Prevention - None**
- **C00 - Pipe Location - No Piping**
- **B00 - Tank External Protection - None**
- **F00 - Pipe External Protection - None**

### Map Findings

<table>
<thead>
<tr>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
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<tbody>
<tr>
<td>255 EXTERIOR STREET, LLC (Continued)</td>
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<td>U004045301</td>
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- **Date Tank Closed:** 08/15/2005
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Steel/carbon steel
- **Material Code:** 0009
- **Common Name of Substance:** Gasoline
- **Tightness Test Method:** NN
- **Date Test:** Not reported
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** KXTANG
- **Last Modified:** 08/31/2005

### RCRA-SQG

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<tr>
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<tbody>
<tr>
<td>Facility address:</td>
<td>145TH ST BRG OVER HARLEM RIVER AT LENOX AVE NEW YORK, NY 10451</td>
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<tr>
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<td>NY987039534</td>
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<td>Mailing address:</td>
<td>RECTOR STREET NEW YORK, NY 10006</td>
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<tr>
<td>Contact:</td>
<td>ALEX BEZCHASTNOR</td>
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<tr>
<td>Contact telephone:</td>
<td>(212) 788-2091</td>
</tr>
<tr>
<td>Telephone ext.:</td>
<td>BEZCHA</td>
</tr>
<tr>
<td>Contact email:</td>
<td><a href="mailto:A.BEZCHASTNOR@NYCDOT.GOV">A.BEZCHASTNOR@NYCDOT.GOV</a></td>
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<tr>
<td>EPA Region:</td>
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</tr>
<tr>
<td>Land type:</td>
<td>Municipal</td>
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<tr>
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<td>Small Small Quantity Generator</td>
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</table>

**Description:** Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time.
**NYCDOT/145 STREET BRIDGE (Continued)**

**Owner/Operator Summary:**
- **Owner/operator name:** NYCDOT
- **Owner/operator address:** 2 RECTOR ST, NEW YORK, NY 10006
- **Owner/operator country:** US
- **Owner/operator telephone:** (212) 788-1721
- **Legal status:** Municipal
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported

**Handler Activities Summary:**
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

**Historical Generators:**
- **Date form received by agency:** 02/16/2006
  - **Site name:** NYCDOT/145 STREET BRIDGE
  - **Classification:** Large Quantity Generator
  - **Waste code:** D008
  - **Waste name:** LEAD

- **Date form received by agency:** 02/15/2006
  - **Site name:** NYCDOT/145 STREET BRIDGE
  - **Classification:** Large Quantity Generator

- **Date form received by agency:** 07/14/1999
  - **Site name:** NYCDOT - 145TH STREET BRIDGE
  - **Classification:** Small Quantity Generator

- **Date form received by agency:** 08/19/1993
  - **Site name:** NYCDOT - 145TH STREET BRIDGE
### NYCDOT/145 STREET BRIDGE (Continued)

**Classification:** Large Quantity Generator

- **Waste code:** D008
- **Waste name:** LEAD

**Violation Status:** No violations found

**Evaluation Action Summary:**
- **Evaluation date:** 05/18/2006
- **Evaluation:** CASE DEVELOPMENT INSPECTION
- **Area of violation:** Not reported
- **Date achieved compliance:** Not reported
- **Evaluation lead agency:** EPA

**NJ MANIFEST:**
- **EPA Id:** NYD987039534
- **Mail Address:** 2 RECTOR STREET
- **Mail City/State/Zip:** NEW YORK 10006
- **Facility Phone:** 2127882083
- **Emergency Phone:** Not reported
- **Contact:** JOHN KURRE
- **Comments:** Not reported
- **SIC Code:** Not reported
- **County:** 00
- **Municipal:** 00
- **Previous EPA Id:** Not reported
- **Gen Flag:** X
- **Trans Flag:** Not reported
- **TSDF Flag:** Not reported
- **Name Change:** Not reported
- **Date Change:** Not reported

**Manifest:**
- **Manifest Number:** NJA5222993
- **EPA ID:** NYD987039534
- **Date Shipped:** 01/28/2005
- **TSDF EPA ID:** NJD991291105
- **Transporter EPA ID:** NYD046765574
- **Transporter 2 EPA ID:** Not reported
- **Transporter 3 EPA ID:** Not reported
- **Transporter 4 EPA ID:** Not reported
- **Transporter 5 EPA ID:** Not reported
- **Transporter 6 EPA ID:** Not reported
- **Transporter 7 EPA ID:** Not reported
- **Transporter 8 EPA ID:** Not reported
- **Transporter 9 EPA ID:** Not reported
- **Transporter 10 EPA ID:** Not reported
- **Date Trans1 Transported Waste:** 01/28/2005
- **Date Trans2 Transported Waste:** Not reported
- **Date Trans3 Transported Waste:** Not reported
- **Date Trans4 Transported Waste:** Not reported
- **Date Trans5 Transported Waste:** Not reported
- **Date Trans6 Transported Waste:** Not reported
- **Date Trans7 Transported Waste:** Not reported
- **Date Trans8 Transported Waste:** Not reported
- **Date Trans9 Transported Waste:** Not reported
- **Date Trans10 Transported Waste:** Not reported
- **Date TSDF Received Waste:** 01/28/2005
**NYCDOT/145 STREET BRIDGE**  (Continued)

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**V168**

NYCDOT/145 STREET BRIDGE  (Continued)

**NYC DEPT OF SANITATION TTF**

545 GERARD AVE

BRONX, NY

**NY LTANKS**

S112148841

N/A

0.200 mi.

1055 ft.

Site 5 of 10 in cluster V

**Relative:**

**Lower**

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<td>Spill Cause</td>
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<td>SWIS</td>
<td>0301</td>
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<td>Spill Record Last Update</td>
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<td>PJ OCONNOR</td>
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<td>Spiller Company</td>
<td>NYC DEPT OF SANITATION</td>
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<td>Spiller Address</td>
<td>545 GERARD AVE</td>
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<td>Spiller City,St,Zip</td>
<td>BRONX, NY</td>
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<td>Spiller County</td>
<td>999</td>
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<td>Spiller Contact</td>
<td>WINDMILL - ASK FOR JIM OR LEE</td>
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<tr>
<td>Spiller Phone</td>
<td>6313601664</td>
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<td>DER Facility ID</td>
<td>421037</td>
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<td>DEC Memo</td>
<td>*9/26/12 TJD File review. NYCDOS (Al Mignone) has provided required documentation in support of spill closure relating to reported tank</td>
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---

**Not reported Reason Load Was Rejected:**

NEW YORK 10006
NYC DEPT OF SANITATION TTF (Continued)

NYCOS TANK TEST FAILURE
545 GERARD AVE / 125 EAST 149TH STREET
BRONX, NY

1/8-1/4
0.200 ml.
1055 ft.
Site 6 of 10 in cluster V

LTANKS:
Site ID: 467515
Spill Number/Closed Date: 2012-09-18

Spill Test Failure. System failed initial system test (Dry as a Bone) on 7/17/12 - reported as a dry leak. Tank alone was retested on 7/23/12 and passed. Failure determined to be associated with a failed vent pipe which was replaced 9/11/12 by Windmill Tank Service. Additionally threads on interstitial space access bung on tank top were also determined to be contributing to an air leak and were repaired by manufacturer (Highland Tank) on 9/11/12. Following repairs entire tank system was retested by AARCO on 9/13/12 and passed. No further action is required. Spill closed.

Remarks:
"TTF 0 spilled"

Material:
Site ID: 466706
Operable Unit ID: 1216689
Operable Unit: 01
Material ID: 2214904
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

2012-08-08
Date Entered In Computer:
2012-09-18
Spill Record Last Update:

2012-09-18
Spill Number/Closed Date:
2012-08-08
Spill Date:
2012-08-08
Spill Cause:
Tank Test Failure
Spill Source:
Institutional, Educational, Gov., Other
Spill Class:
Not reported
Cleanup Ceased:
Not reported
Cleanup Meets Standard:
False
SWIS:
0301
Investigator:
TJDEMEO
Referred To:
Not reported
Reported to Dept:
2012-08-08
CID:
Not reported
Water Affected:
Not reported
Spill Notifier:
Other
Last Inspection:
Not reported
Recommended Penalty:
False
UST Involvement:
False
Remediation Phase:
0
Date Entered In Computer:
2012-08-08
Spill Record Last Update:
2012-09-18

NY LTANKS S112148870
N/A
**NYC DOS TANK TEST FAILURE (Continued)**

**Spiller Name:** TJ OCONNOR  
**Spiller Company:** NYC SANITATION  
**Spiller Address:** 545 GERARD AVE  
**Spiller City, St, Zip:** BRONX, NY  
**Spiller County:** 999  
**Spiller Contact:** AL MIGNONE  
**Spiller Phone:** (646) 235-3183  
**Spiller Extention:** Not reported  
**DEC Region:** 2  
**DER Facility ID:** 421896  
**DEC Memo:** "DEMO needs to send a TTF letter to Sanitation) 8/9/12-Vought-Notes above by DEC Sangesland. Vought primary off-hours responder. Vought noted PBS #2-455660 for site also listed as 125 East 149th Street. As primary off-hours responder, Vought called TJ O'Connor (Dry As A Bone Ph:516-678-5115) to see if failure was wet or dry leak and left message on voicemail to return call as soon as possible. Vought called Al Mignone (Ph:646-235-3183) for more information and left message to return call. Vought called PBS contact: NYC Dept. of Sanitation 125 Worth Street Room 823B New York, NY 10013 Attn: M. Bonacorsa Ph:(646)885-4874 Fax:(212)442-8624 or (212)442-8625.  
Vought Bonacorsa retired from NYC DOS as per receptionist and letter should be sent to Mr. Chingas. Vought sent out TTF letter to above address and faxed letter as well. Vought sent out letter to NYC DOS Chingas and added copy to e-docs and left Demeo copy as well. 9/18/12 TJD File review. NYSDOS (Al Mignone) has provided copies of initial failing tank test report performed on 8/8/12 (Dry as A Bone) and a subsequent passing tank test report performed on 8/13/12 (AARCO). Initial failed test was reported as a dry leak. NYC DOS reports no repairs were made to system and was retested by another contractor and passed. Testing reports and e-mail correspondence have been uploaded to E-DOCS. No further action is required. "

**Material:**  
**Site ID:** 467515  
**Operable Unit ID:** 1217464  
**Operable Unit:** 01  
**Material ID:** 2215750  
**Material Code:** 0008  
**Material Name:** diesel  
**Case No.:** Not reported  
**Material FA:** Petroleum  
**Quantity:** .00  
**Units:** Gallons  
**Recovered:** Not reported  
**Resource Affected:** Not reported  
**Oxygenate:** Not reported

**Tank Test:**
Site 2 of 4 in cluster T

NY MANIFEST:

Country: USA
EPA ID: NYP004657730
Facility Status: Not reported
Location Address 1: 161 E 150 ST F/O
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004657730
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/15/2014
Trans1 Recv Date: 09/15/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/17/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004657730
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002563006GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
CON EDISON (Continued)

Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 3000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

V171 AMERICAN SELF STORAGE NY AST A100293021
North 586 RIVER AVENUE / 595 GERARD AVENUE N/A
1/8-1/4 BRONX, NY 10451
0.206 mi. Site 7 of 10 in cluster V
1090 ft. Relative:
0.8 ft. Actual:
AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609485
Program Type: PBS
UTM X: 590277.83845
UTM Y: 4519379.18986
Expiration Date: 03/17/2019
Site Type: Other
Affiliation Records:
Site Id: 55497
Affiliation Type: Facility Owner
Company Name: GERARD AVENUE LLC
Contact Type: PARTNER
Contact Name: JOHN DELMONACO
Address1: 788 SHREWSBURY AVE, SUITE 105
Address2: Not reported
City: TINTON FALLS
State: NJ
Zip Code: 07724
Country Code: 001
Phone: (732) 741-0707
EMail: Not reported
Fax Number: Not reported
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<td>Contact Name</td>
<td>MATTHEW MONGELLI</td>
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<tr>
<td>Address1</td>
<td>788 SHREWSBURY AVE</td>
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<td>Address2</td>
<td>SUITE 105</td>
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<tr>
<td>Phone</td>
<td>(732) 741-0707</td>
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<tr>
<td>EMail</td>
<td><a href="mailto:KAREN@AMERICANSELFSTORAGE.COM">KAREN@AMERICANSELFSTORAGE.COM</a></td>
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Tank Info:

Tank Number: 001
### American Self Storage (Continued)

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<td>Common Name of Substance</td>
<td>#2 Fuel Oil (On-Site Consumption)</td>
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#### Equipment Records:
- A00 - Tank Internal Protection - None
- I00 - Overfill - None
- L00 - Piping Leak Detection - None
- H00 - Tank Leak Detection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- E00 - Piping Secondary Containment - None
- J02 - Dispenser - Suction Dispenser
- K00 - Spill Prevention - None
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- C01 - Pipe Location - Aboveground
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

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#### Site Information:
- **Site Identification:**
  - UST: 1000299569
  - NY UST: NY UST 1000299569
  - RCRA NonGen / NLR: NYD001630383
  - NY MANIFEST: NY MANIFEST

- **Location:**
  - Site: 31 of 18 in cluster W

- **UST Information:**
  - Id/Status: 2-342017 / Unregulated/Closed
  - Program Type: PBS
  - Region: STATE
  - DEC Region: 2
  - Expiration Date: N/A
  - UTM X: 590579.97338
  - UTM Y: 4518818.21093
  - Site Type: Other

- **Affiliation Records:**
  - Site Id: 16579
  - Affiliation Type: On-Site Operator
  - Company Name: PRIDE FURNITURE
  - Contact Type: Not reported
  - Contact Name: ERIN MULLER
  - Address1: Not reported
  - Address2: Not reported
  - City: Not reported
  - State: NN
| Site Id | 16579 |
| Affiliation Type | Emergency Contact |
| Company Name | PREMIER METAL PRODUCTS CO DIV |
| Contact Type | Not reported |
| Contact Name | ERIN MULLER |
| Address1 | 381 CANAL PLACE |
| Address2 | Not reported |
| City | BRONX |
| State | NY |
| Zip Code | 10451 |
| Country Code | 001 |
| Phone | (718) 387-0980 |
| Email | Not reported |
| Fax Number | Not reported |
| Modified By | NRLOMBAR |
| Date Last Modified | 2009-12-23 |

| Site Id | 16579 |
| Affiliation Type | Facility Owner |
| Company Name | PREMIER METAL PRODUCTS CO DIV |
| Contact Type | Not reported |
| Contact Name | ERIN MULLER |
| Address1 | P.O. BOX 180 |
| Address2 | Not reported |
| City | MONSEY |
| State | NY |
| Zip Code | 10952 |
| Country Code | 001 |
| Phone | (718) 387-0980 |
| Email | Not reported |
| Fax Number | Not reported |
| Modified By | NRLOMBAR |
| Date Last Modified | 2009-12-23 |

| Site Id | 16579 |
| Affiliation Type | Mail Contact |
| Company Name | PREMIER METAL PRODUCTS CO DIV |
| Contact Type | Not reported |
| Contact Name | ERIN MULLER |
| Address1 | P.O. BOX 180 |
| Address2 | Not reported |
| City | MONSEY |
| State | NY |
| Zip Code | 10952 |
| Country Code | 001 |
| Phone | (718) 387-0980 |
| Email | Not reported |
| Fax Number | Not reported |
| Modified By | NRLOMBAR |
| Date Last Modified | 2009-12-23 |
## MAP FINDINGS

### Date Last Modified: 2009-12-23

#### Tank Info:

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<td>Install Date</td>
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<tr>
<td>Date Tank Closed</td>
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</tr>
<tr>
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<tr>
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</tr>
<tr>
<td>Tank Type</td>
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<tr>
<td>Common Name of Substance</td>
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<tr>
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</tr>
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<td>Date Test</td>
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<td>NRLOMBAR</td>
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<tr>
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<td>12/23/2009</td>
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#### Equipment Records:

- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F01 - Pipe External Protection - Painted/Asphalt Coating
- J02 - Dispenser - Suction Dispenser
- A01 - Tank Internal Protection - Epoxy Liner
- B01 - Tank External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None
- I04 - Overfill - Product Level Gauge (A/G)

#### Tank Info:

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<tr>
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</tr>
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<td>12/23/2009</td>
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PRMORNEO PRODUCTS CO DIV (Continued)

Equipment Records:
- I04 - Overfill - Product Level Gauge (A/G)
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F01 - Pipe External Protection - Painted/Asphalt Coating
- L09 - Piping Leak Detection - Exempt Suction Piping
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- H00 - Tank Leak Detection - None
- A01 - Tank Internal Protection - Epoxy Liner
- B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 003
Tank ID: 31837
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 09/17/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 01
Date Test: 11/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- H00 - Tank Leak Detection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: PREMIER METAL PRODUCTS CO DIV
Facility address: 381 CANAL PL
BRONX, NY 104515913
EPA ID: NYD001630383
Mailing address: CANAL PL
BRONX, NY 10451
Contact: Not reported
Contact address: CANAL PL
BRONX, NY 10451
Contact country: US
Contact telephone: Not reported
PREMIER METAL PRODUCTS CO DIV (Continued)

Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NEW YORK CITY INDUSTRIAL DEVELOPMENT AGCY
Owner/operator address: NOT REQUIRED
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: PREMIER METAL PRODUCTS CO DIV
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: PREMIER METAL PRODUCTS CO DIV
Classification: Not a generator, verified

Date form received by agency: 08/17/1994
Site name: PREMIER METAL PRODUCTS CO
Classification: Large Quantity Generator
PREMIER METAL PRODUCTS CO DIV (Continued)

Date form received by agency: 07/14/1980
Site name: PREMIER METAL PRODUCTS CO DIV
Classification: Large Quantity Generator

- Waste code: F001
- Waste name: 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.

- Waste code: F017
- Waste name: Not Defined

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 07/19/2000
Date achieved compliance: 10/16/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/14/1995
Date achieved compliance: 09/25/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/14/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/14/1995
Date achieved compliance: 09/25/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/02/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Enforcement lead agency: State
Proposed penalty amount: Not reported
## PREMIER METAL PRODUCTS CO DIV (Continued)

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<tr>
<td>Area of violation:</td>
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<td>Date violation determined:</td>
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<td>Date achieved compliance:</td>
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<td>Violation lead agency:</td>
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<td>Enforcement action:</td>
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| Regulation violated: | Not reported |
| Area of violation:    | Generators - Records/Reporting |
| Date violation determined: | 03/01/1995 |
| Date achieved compliance: | 09/11/1995 |
| Violation lead agency: | State |
| Enforcement action:   | INITIAL 3008(A) COMPLIANCE |
| Enforcement action date: | 06/28/1995 |
| Enf. disposition status: | Not reported |
| Enf. disp. status date: | Not reported |
| Enforcement lead agency: | State |
| Proposed penalty amount: | 1200 |
| Final penalty amount: | Not reported |
| Paid penalty amount: | Not reported |

| Regulation violated: | Not reported |
| Area of violation:    | Generators - Records/Reporting |
| Date violation determined: | 04/01/1994 |
| Date achieved compliance: | 07/29/1994 |
| Violation lead agency: | State |
| Enforcement action:   | INITIAL 3008(A) COMPLIANCE |
| Enforcement action date: | 07/29/1994 |
| Enf. disposition status: | Not reported |
| Enf. disp. status date: | Not reported |
| Enforcement lead agency: | State |
| Proposed penalty amount: | 1200 |
| Final penalty amount: | Not reported |
| Paid penalty amount: | Not reported |

## Evaluation Action Summary:

| Evaluation date: | 03/01/2000 |
| Evaluation:     | NON-FINANCIAL RECORD REVIEW |
| Area of violation: | Generators - Records/Reporting |
| Date achieved compliance: | 10/16/2000 |
| Evaluation lead agency: | State |

<p>| Evaluation date: | 05/11/1995 |
| Evaluation:     | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of violation: | Generators - General |
| Date achieved compliance: | 09/25/1996 |
| Evaluation lead agency: | State |</p>
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### PREMIER METAL PRODUCTS CO DIV (Continued)

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| Quantity: | 00220 |
| Number of Containers: | 004 |
| Container Type: | DM - Metal drums, barrels |
| Handling Method: | B Incineration, heat recovery, burning. |
| Specific Gravity: | 01.00 |

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| Quantity: | 00385 |
| Number of Containers: | 007 |
| Container Type: | DM - Metal drums, barrels |
| Handling Method: | B Incineration, heat recovery, burning. |
| Specific Gravity: | 01.00 |

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| Quantity: | 00030 |
| Number of Containers: | 001 |
| Container Type: | DM - Metal drums, barrels |
| Handling Method: | T Chemical, physical, or biological treatment. |
| Specific Gravity: | 01.00 |

Click this hyperlink while viewing on your computer to access

12 additional NY_MANIFEST: record(s) in the EDR Site Report.
### Map Findings

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
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<th>Database(s)</th>
<th>EPA ID Number</th>
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**Site 2 of 18 in cluster W**

**Relative:**
- **RCRA NonGen / NLR:**
- **Date form received by agency:** 07/02/2014
- **Facility name:** CON EDISON SERVICE BOX: 1047
- **Facility address:** 381 CANAL PL FRONT OF
  - BRONX, NY 10451
- **EPA ID:** NYP004549515
- **Mailing address:** IRVING PL, 15TH FL NE
  - NEW YORK, NY 10003
- **Contact:** THOMAS TEELING
- **Contact address:** Not reported
- **Contact country:** Not reported
- **Contact telephone:** (212) 460-3770
- **Contact email:** Not reported
- **EPA Region:** 02
- **Classification:** Non-Generator
- **Description:** Handler: Non-Generators do not presently generate hazardous waste

**Handler Activities Summary:**
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
- **Used oil Specification marketer:** No
- **Used oil transfer facility:** No
- **Used oil transporter:** No

**Historical Generators:**
- **Date form received by agency:** 06/02/2014
- **Site name:** CON EDISON
- **Classification:** Large Quantity Generator

- **Date form received by agency:** 06/02/2014
- **Site name:** CON EDISON
- **Classification:** Not a generator, verified

**Violation Status:** No violations found

**FINDS:**

- **Registry ID:** 110063818864

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of...
CON EDISON SERVICE BOX: 1047 (Continued)

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

<table>
<thead>
<tr>
<th>W174</th>
<th>CON EDISON</th>
<th>NY LTANKS</th>
<th>S103941473</th>
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<tr>
<td>SE</td>
<td>381 CANAL PL FRONT OF BRONX, NY 10451</td>
<td>NY Spills</td>
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<td>1/8-1/4</td>
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<td>Site 3 of 18 in cluster W</td>
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Relative: Lower
Actual: 19 ft.

LTANKS:
Site ID: 145737
Spill Number/Closed Date: 8709462 / 1995-03-21
Spill Date: 1988-02-02
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased: 1992-09-30
Cleanup Meets Standard: True
SWIS: 0301
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 1988-02-07
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1988-02-09
Spill Record Last Update: 2006-06-26
Spiller Name: Not reported
Spiller Company: PPA INDUSTRIES
Spiller Address: 381 CANAL PLACE
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DEC Memo: ""
Remarks: "3 TANKS TANK 1--2K & GROSS LEAK TANK 2--2K, LEAK RATE = -.271GPH TANK 3--5K, LEAK RATE = -1.424GPH 8/11/88 : 5K TANK FAILED RETEST, L R=-.061 GPH."

Material:
Site ID: 145737
Operable Unit ID: 914558
Operable Unit: 01
### CON EDISON (Continued)

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**Tank Test:**
- Site ID: 145737
- Spill Tank Test: 1533196
- Tank Number: Not reported
- Tank Size: 0
- Test Method: 0
- Leak Rate: .00
- Gross Fail: Not reported
- Modified By: Spills
- Last Modified: Not reported
- Test Method: Unknown

**Site ID:** 145738
**Spill Number/Closed Date:** 9903367 / 2015-05-15
**Spill Date:** 1999-06-23
**Spill Cause:** Tank Test Failure
**Spill Source:** Commercial/Industrial
**Spill Class:** Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Cleanup Ceased:** Not reported
**Cleanup Meets Standard:** False
**SWIS:** 0301
**Investigator:** VXBREVDO
**Referred To:** Not reported
**Reported to Dept:** 1999-06-23
**CID:** 207
**Water Affected:** Not reported
**Spill Notifier:** Tank Tester
**Last Inspection:** Not reported
**Recommended Penalty:** False
**UST Involvement:** False
**Remediation Phase:** False
**Date Entered In Computer:** 1999-06-23
**Spill Record Last Update:** 2015-05-15
**Spiller Name:** GINA CONSTANTINI
**Spiller Company:** PREMIER METALS
**Spiller Address:** 381 CANAL PLACE
**Spiller City, St, Zip:** BRONX, NY
**Spiller County:** 001
**Spiller Contact:** GINA CONSTANTINI
**Spiller Phone:** (516) 249-3150
**Spiller Extention:** Not reported
**DEC Region:** 2
**DER Facility ID:** 372139
**DEC Memo:** "Prior to Sept, 2004 data translation this spill Lead_DEC Field was..."
SAWYER 9/08/03 1541 Hrs Sawyer forwarded pbs report to Sigona for inspection. The pbs registation is overdue. 9/17/03 Rossan performed PBS inspection and found them removing tank for closure which opened another spill because of the contamination. 9/23/03 - Sawyer - Sent contaminated soil letter to 381 Canal Place Management. 2/11/04 1030 Hrs - Sawyer - Sent contaminated soil letter to Pride Furniture, Attention: Joseph Muller. 6/24/05 - Spill Lead_DEC Field changed to Grathwol. After repeated efforts by M. Haggerty to contact owner (received no cooperation) and 30-day Department letter requesting information was ignored. J. Grathwol visited the site on 2/16/06. Taled with employees of Pride Furniture. They stated they had no knowledge of the spill. Asked me to call back and discuss with owner. Called several times with no success, Pride Furniture staff stated the owner would call me directly, but it did not happen. Pride Furniture is heated by salamanders, torpedo-shaped heaters - no oil heat. Spill #8709462 is 3 tank failures with gross leaks and was closed because of the multiple spills at the same address. Pride Furniture phone number: 718-585-1400. Recommend this project as potential PIN project. (Grathwol) 9/11/06 assigned to bf 9/11/06 sent ttf old spill letter. bf Undated notes from telephone conference with Schretzmayer in the hard file, entered here 4/22/10: J. Urda case 4/30/09 report - no delineation done yet, wants site visit Phase II investigation Sept. '03 not in file (e-docs). Proposal is to delineate soil and groundwater determination. Will plan be approved by DEC? J. Schretzmayer wants site visit for boring locations. Last page - will send investigation report.

--------end-------- 9/23/03 cont. soil letter sent ttf 001 & 002 closed removed 10/18/03 (not processed) 003 closed in placed 9/17/03 send cont soil letter? ++++++++++++++++++++++++++++++ NOTE: Report referred to above is not in the file. bf 8/7/12 bf: On 8/2/12 received call from Stephanie Davis of FPM Group (631)737-6200 ext.228. She is preparing a proposal for either investigation or remediation. She called back on 8/6/12. She wanted to know where this case is as far as investigation and remediation. I told her that I needed to review the file and called her back on 8/7/12. Very little documentation found in e-docs. Found reports dated 10/1/03 (soil sampling), 12/3/03 (tank closure), and 4/30/09 (work plan) in OGC file. Ms. Davis requested copies of any reports regarding the investigation. Documents were e-mailed to her today. She sent the following e-mail: Brian As per our discussion, please provide a copy of the available technical reports for the above-referenced spill such that we may develop an appropriate scope of work for further investigation and/or remediation, as needed. If you have any questions, please contact me via email or the phone number below. Thanks again for your help in this matter. Stephanie O. Davis, CPG Hydrogeology Department Manager FPM Group 909 Marconi Avenue Ronkonkoma, NY 11779 (631) 737-6200, ext. 228 Fax (631) 737-2410

--------end-------- 1/24/13 On 11/26/12, received sub-surface investigation work plan. bf 1/28/13 OGC sent letter to James Rigano, attorney, requesting an approvable work plan and notification for the continuing violation of a Commissioner’s Order. Work plan is due in 45 days. bf 2/1/13 Yesterday, received updated work plan dated January 30, 2013. Sent approval of the plan to Stephanie Davis, consultant. bf 07/16/13 - Spill Case is transferred from Brian Falvey (PBS Unit) to V. Brevdo (Section B) as per DER Region 2 decision - Tank Test Failure Spill Case. VB 11/12/2013 - V. Brevdo Called Stephanie Davis of FPM Group,
left voice mail inquiring about the status of the project. V.B.
11/12/2013 - V. Brevdo Received call from Stephanie Davis of FPM Group. FPM implemented investigation work plan dated January 30, 2013 and previously approved by the Department (PBS Unit - Brian Falvey). FPM also submitted May 23, 2013 Subsurface Investigation Report, Tank Compliance, and Remedial Action Work Plan. Stephanie Davis e-mailed May 23, 2013 report via e-mail (previously was submitted to PBS Unit), which needs Department’s review and approval. VB 11/13/2013 - V. Brevdo Current Status of the Project: Industrial / Commercial Building at 381 Canal Place, Bronx (Spill No. 9903367) (a.k.a. Gladiator Realty Corp. and Canal Management Corp.) This property is investigated and remediated under the January 14, 2010 Commissioner’s Order in Matter of Gladiator Realty Corp. and Canal Management Corp. The Order requires, among other things, that Gladiator Realty Corp. investigate and remediate petroleum contamination at the site, and correct violations of State’s PBS regulations. Historically the building on the site was used as a factory and warehouse. At present the building has several tenants, including a woodworking operation, a market and a warehouse. FPM Group has performed a subsurface investigation at the property in accordance with the Department-approved Subsurface Investigation Work Plan dated January 30, 2013. The investigation was conducted on March 19 to March 21, 2013. Although the investigation results indicated the presence of visibly impacted soil in proximity to the closed in-place USTs from between approximately 5 and 15 feet below the building floor, the soil sampling data demonstrated no exceedances of the Department-recommended soil cleanup objectives. The groundwater sampling indicated presence of VOCs and SVOCs at concentrations lower than NY State drinking water standards. FPM Group has proposed removal of free product on a monthly basis using bailers and/or absorbent materials until no product is detectable or until the thickness of product is reduced to a feasible minimum. A compliance issue associated with the closed tanks was also assessed during the course of this work. Subsurface Investigation Report, Tank Compliance, and Remedial Action Plan document dated May 23, 2013 was submitted to the Department for review and approval. On November 13, 2013 the Department has provided FPM group with comments on the May 23, 2013 document, requested submission of the detailed RAWP, including schedule of proposed remedial activities and Health and Safety Plan. FPM advised the Department they will submit a detailed RAWP that addresses Department’s comments. VB 11/26/2013 - V. Brevdo e-mail from the Department to FPM, consultant for RP. November 26, 2013 Dear Ms. Davis: Could you please give me an estimated date when you think FPM will submit the detailed RAWP and address my November 13, 2013 comments on May 23, 2013 Investigation Report? Happy Thanksgiving to you. Vadim Brevdo 12/11/2013 - V. Brevdo Called Stephanie Davis of FPM group - left voice mail inquiring on the status of submission of the detailed RAWP for the project. V.B. 01/23/2014 - FPM submitted RAWP. VB 01/23/2014 - Completed review of January 23, 2014 RAWP. Sent e-mail to FPM containing questions and/or comments on RAWP. Current project status: Industrial / Commercial Building at 381 Canal Place, Bronx (Spill No. 9903367) (a.k.a. Gladiator Realty Corp. and Canal Management Corp.) This property is investigated and remediated under the January 14, 2010 Commissioner’s Order in Matter of Gladiator Realty Corp. and Canal Management Corp. The Order requires, among other things, that Gladiator Realty Corp. investigate and remediate petroleum contamination at the site, and
correct violations of State’s PBS regulations. Historically, the building on the site was used as a factory and warehouse. At present the building has several tenants, including a woodworking operation, a market and a warehouse. FPM Group has performed a subsurface investigation at the property in accordance with the Department-approved Subsurface Investigation Work Plan dated January 30, 2013. The investigation was conducted on March 19 to March 21, 2013. Although the investigation results indicated the presence of visibly impacted soil in proximity to the closed in-place USTs from between approximately 5 and 15 feet below the building floor, the soil sampling data demonstrated no exceedances of the Department-recommended soil cleanup objectives. The groundwater sampling indicated presence of VOCs and SVOCs at concentrations lower than NY State drinking water standards. FPM Group has proposed removal of free product on a monthly basis using bailers and/or absorbent materials until no product is detectable or until the thickness of product is reduced to a feasible minimum. A compliance issue associated with the closed tanks was also assessed during the course of this work. Subsurface Investigation Report, Tank Compliance, and Remedial Action Plan document dated May 23, 2013 was submitted to the Department for review and approval. On November 13, 2013 the Department has provided FPM group with comments on the May 23, 2013 document, requested submission of the detailed RAWP, including schedule of proposed remedial activities and Health and Safety Plan. FPM submitted a detailed RAWP on January 23, 2014. The proposed remedial action includes removal and proper disposal of free-phase petroleum product identified in three monitoring wells in proximity to the closed in-place USTs and associated fill port. Product monitoring, removal and disposal activities will be conducted under a site-specific Health and Safety Plan, which includes procedures to ensure the safety of remedial personnel, on-site workers, and the nearby community. Two months pilot test is proposed to ascertain the effectiveness of the proposed remediation. The Department reviewed RAWP on January 23, 2014 and requested several clarifications/revisions to the document. Clarifications/revisions are pertinent to verification of no residual free product remaining in closed-in-place tanks and description of the remedial goal. VB 02/05/2014 - V. Brevo Received Revised RAWP from FPM dated February 5, 2014. All the Department’s January 23, 2014 comments (sent via e-mail) are addressed satisfactorily to the Department in the revised RAWP. Revised RAWP can be approved, but approval will be contingent on the successful completion of the pilot test and demonstration that the proposed remediation has reasonable expectation to be effective as a full-scale long term remedial approach. V.B. 02/05/2014 - V. Brevo Reviewed Revised RAWP and issued approval letter. VB 04/15/2014 - V. Brevo e-mail from FPM: Vadim, Please find attached the results for the product monitoring pilot test we conducted for the above-referenced site in March 2014. In general, we found that product levels decreased over the testing period and recommend that monthly monitoring be continued. Please feel free to contact me with any questions. Ben Ben T. Cancemi, CPG Senior Hydrogeologist Department Manager FPM group 909 Marconi Avenue Ronkonkoma, NY 11779 (631) 737-6200, ext. 209 04/16/2014 - V. Brevo e-mail to FPM April 16, 2014 Dear Mr. Cancemi: I reviewed Product Monitoring Pilot Test Report prepared by FPM, dated April 15, 2014. I have the following questions pertinent to the report: 1) According to the approved Remedial Action Work Plan (dated February 5, 2014), the expected
duration of the pilot test is two months. Given the pilot test commencement appears to be March 6, 2014, the pilot test should be completed by around May 6, 2014. Do you expect to complete pilot test by May 6, 2014? If not, when is the expected remedial pilot test completion date? 2) According to the schedule in the RAWP, a Pilot Test Report is supposed to be submitted to the Department upon completion of the pilot test. It is my understanding that the pilot test has not yet been completed and April 15, 2014 report is not submitted as a final pilot test report or in lieu of final pilot test report. Final pilot test report is yet to be submitted. If my understanding is incorrect, please let me know. 3) The Department’s February 5, 2014 RAWP approval letter states the following: Please note that this approval of the Remedial Action Work Plan is contingent on the successful completion of the pilot test and demonstration that the proposed remediation has reasonable expectation to be effective as a full scale / long term remedial approach. Review of the Table 1 Product monitoring data reveals that the amount of product recovered from well MW-1 during the March 2014 is 480 milliliters which is equal to 0.13 gallons. Total volume of product removed from all wells is 770 milliliters or 0.2 gallons. To me this appears as a very small volume. Have FPM evaluated a total volume of free product present in the subsurface at the site? Have FPM concluded whether this product removal rate is effective and whether this removal rate will ensure product removal completion within a reasonable time frame? Thank you, Vadim Brevdo 07/28/2014 - V. Brevdo FPM Group submitted product monitoring report dated July 28, 2014. VB 11/03/2014 - V. Brevdo FPM submitted Product Monitoring Third Quarter Report dated November 3, 2014. VB 03/03/2015 - V. Brevdo FPM submitted Product Monitoring Third Quarter Report dated March 2, 2015. FPM continues monitoring and product removal activities, and submitted Product Monitoring and Removal Report for the fourth quarter of 2014 on March 3, 2015. Over the course of monthly monitoring/removal events from July 2014 throughout December 2014, the thickness of product and removed product volumes in wells situated in the proximity to the closed in-place USTs continued to decrease. One of three recovery wells no longer contains free product. FPM will continue to perform the product monitoring and removal activities on a monthly basis. VB 03-24-2015 - V. Brevdo Ms. Mishelle Gambetta called and represented herself as doing research on the property at 388 Canal Place which they want to buy. Ms. Gandetta inquired about the contamination at 381 Canal Place. I (Vadim Brevdo) explained that 381 Canal Place has open petroleum spill case with NYSDEC, and the Department is overseeing the investigation and cleanup of 381 Canal Place. Remediation is currently in progress. With regard to detailed questions about the contamination I suggested that Ms. Gandetta can apply for the project files review under the Freedom of Information Law. I provided for the phone number and fax number to apply for FOIL. V. Brevdo 05-15-2015 - V. Brevdo Spill Case Closure Decision Industrial / Commercial Building at 381 Canal Place, Bronx (Spill No. 9903367) (a.k.a. Gladiator Realty Corp. and Canal Management Corp.) This property is investigated and remediated under the January 14, 2010 Commissioner’s Order in Matter of Gladiator Realty Corp. and Canal Management Corp. The Order requires that Gladiator Realty Corp. investigate and remediate petroleum contamination at the site, and correct violations of State’s PBS regulations. Historically, the building on the site was used as a factory and warehouse. At present the building has several tenants,
including a woodworking operation, a market and a warehouse. FPM Group has performed a subsurface investigation at the property in accordance with the Department-approved Subsurface Investigation Work Plan dated January 30, 2013. The investigation was conducted from March 19 to March 21, 2013. The soil sampling data demonstrated no exceedances of the Department-recommended soil cleanup objectives. The groundwater sampling indicated presence of VOCs and SVOCs at concentrations lower than NY State drinking water standards. FPM Group has proposed removal of free product on a monthly basis using bailers and/or absorbent materials until no product is detectable or until the thickness of product is reduced to a feasible minimum. A compliance issue associated with the closed tanks was also assessed during the course of this work. FPM submitted a detailed RAWP on January 23, 2014 which the Department approved on February 5, 2014. The proposed remedial action included removal and proper disposal of free-phase petroleum product identified in three monitoring wells in proximity to the closed in-place USTs and associated fill port. Two months pilot test was proposed to ascertain the effectiveness of the proposed remediation. On April 16, 2014, FPM submitted the Remedial Pilot Test Report following a series of pilot test product monitoring and removal events implemented throughout March 2014. FPM determined that the product thickness decreased over the testing period and recommended that monthly product monitoring and removal activities continue. The Department approved FPM’s recommendation. FPM continued monitoring and product removal activities throughout 2014 and winter/spring 2015. On May 14, 2015, FPM submitted Product Monitoring and Removal Report for the first quarter of 2015, including Spill Case Closure Petition. Based on review of the free product monitoring and removal data, FPM has reached the following conclusions: Free-phase product is contained onsite to the proximity of the closed-in-place USTs and associated fill port. The product is confined to the property and is not migrating. Groundwater and soil have been sampled in the product area and downgradient and no exceedances of recommended cleanup values have been detected. Free product has been observed in two wells but has not been observed in four other wells, two of which are downgradient of the product area. Product thickness and removed product volumes declined early in the monitoring and removal process and have remained low 0.1 foot or less since that time. FPM concluded that product has been removed to the extent feasible. The completed remediation is protective of human health and the environment for the contemplated use of the site as a commercial warehouse, woodworking operations and market. The Department agreed with FPM that the spill case can be closed at this time. Spill Case is closed effective May 18, 2015. VB*

"tank contained #2 oil - gross fail"

Material: 

Tank Test: 
Site ID: 145738
Spill Tank Test: 1547299
Tank Number: Not reported
Tank Size: 2000
Test Method: 20
Leak Rate: .00
Gross Fail: Not reported
CON EDISON (Continued)

Modified By: Spills
Last Modified: Not reported
Test Method: USTest 2000/P/LL plus USTest 2000/U

SPILLS:

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<td>SOUTH BRONX, ZZ</td>
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<td>001</td>
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<td>AARON MULLER</td>
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<tr>
<td>Contact Phone:</td>
<td>(718) 387-0980</td>
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<tr>
<td>DEC Memo:</td>
<td>&quot;Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 10/23/03 1407 Hrs - Sawyer - Rp/Ap Only reported the spill, because DEC’s Ed Rossan was on site to check PBS registration and it was same day they were in the process of removing the tank. There is a previous spill open at this address and all notes henceforth shall be under this spill #9903367.&quot;</td>
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<td>Remarks:</td>
<td>&quot;contaminated soil and water discovered from tank removal&quot;</td>
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Material:

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CON EDISON (Continued)

Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

NY MANIFEST:
Country: USA
EPA ID: NYP004549515
Facility Status: Not reported
Location Address 1: 381 CANAL PL
Code: BP
Location Address 2: SB 1047
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPA ID: NYP004549515
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/02/2014
Trans1 Recv Date: 06/02/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/04/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004549515
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002422909GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
CON EDISON (Continued)

<table>
<thead>
<tr>
<th>Discr Type Indicator</th>
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<tbody>
<tr>
<td>Discr Residue Indicator</td>
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<tr>
<td>Discr Partial Reject Indicator</td>
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<tr>
<td>Discr Full Reject Indicator</td>
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<tr>
<td>Manifest Ref Number</td>
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<tr>
<td>Alt Facility RCRA ID</td>
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<td>Alt Facility Sign Date</td>
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<td>MGMT Method Type Code</td>
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<tr>
<td>Waste Code</td>
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<tr>
<td>Number of Containers</td>
<td>1</td>
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<tr>
<td>Container Type</td>
<td>TT - Cargo tank, tank trucks</td>
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<tr>
<td>Handling Method</td>
<td>T Chemical, physical, or biological treatment.</td>
</tr>
<tr>
<td>Specific Gravity</td>
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</tr>
<tr>
<td>Waste Code</td>
<td>D008</td>
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<td>Waste Code 1-2</td>
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<td>Waste Code 1-3</td>
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<tr>
<td>Waste Code 1-6</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

| W175 | NYC DEP | RCRA NonGen / NLR | 1016959819 |
| SE | 381 CANAL PL | NY MANIFEST | NYP003669199 |
| 1/8-1/4 | BRONX, NY 10451 | | |
| 0.207 mi. | | | |
| 1095 ft. | Site 4 of 18 in cluster W | | |
| Relative: | Lower | | |
| Actual: 19 ft. | | | |

Handler Activities Summary:
U.S. importer of hazardous waste: No
NYC DEP (Continued)

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/25/2014
Site name: NYC DEP
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP003669199
Facility Status: Not reported
Location Address 1: 381 CANAL PLACE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP003669199
Mailing Name: NYCDEP
Mailing Contact: XI CHEN
Mailing Address 1: 96-05 HORACE HARDING
Mailing Address 2: Not reported
Mailing City: CORONA
Mailing State: NY
Mailing Zip: 11368
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7185954784

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 08/04/2014
Trans1 Rev Date: 08/04/2014
NYC DEP (Continued)

Trans2 Recv Date: 08/07/2014
TSD Site Recv Date: 08/12/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP003669199
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD980536593
TSDF ID 2: Not reported
Manifest Tracking Number: 008758930JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D001
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
CON EDISON SERVICE BOX: 1045 (Continued)

Contact: THOMAS TEELING  
Contact address: Not reported  
Contact country: Not reported  
Contact telephone: (212) 460-3770  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:  
U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, stor or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:  
Date form received by agency: 06/11/2014  
Site name: CON EDISON  
Classification: Large Quantity Generator

Date form received by agency: 06/11/2014  
Site name: CON EDISON  
Classification: Not a generator, verified

Violation Status: No violations found
CON EDISON (Continued)

EPAID: NYP004561148
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJDO03812047
Trans2 State ID: Not reported
Generator Ship Date: 06/11/2014
Trans1 Recv Date: 06/11/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/11/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004561148
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002423061GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 40
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported

EPA ID Number: S117063676
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<td>Relative: RCRA NonGen / NLR:</td>
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<tr>
<td>Lower: Date form received by agency: 08/05/2015</td>
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<tr>
<td>Actual: Facility name: CON EDISON</td>
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<tr>
<td>Facility address: 2824 PARK AVE FRONT OF BRONX, NY 10451</td>
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<tr>
<td>EPA ID: NYP004818862</td>
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<tr>
<td>Mailing address: IRVING PL 15TH FL NE NEW YORK, NY 10003</td>
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<tr>
<td>Contact: THOMAS TEELING</td>
</tr>
<tr>
<td>Contact address: Not reported</td>
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<tr>
<td>Contact country: Not reported</td>
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<tr>
<td>Contact telephone: (212) 460-3770</td>
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<tr>
<td>Contact email: Not reported</td>
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<tr>
<td>EPA Region: 02</td>
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<tr>
<td>Classification: Non-Generator</td>
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<tr>
<td>Description: Handler: Non-Generators do not presently generate hazardous waste</td>
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</tbody>
</table>

**Handler Activities Summary:**
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

**Historical Generators:**
- Date form received by agency: 08/05/2015
- Site name: CON EDISON
- Classification: Large Quantity Generator
- Violation Status: No violations found
X179  CON EDISON
East
1/8-1/4
0.209 mi.
1106 ft.
Site 2 of 3 in cluster X

Relative: Lower
Actual: 19 ft.

NJ MANIFEST:
EPA Id: NYP004818862
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002661236GBF
EPA ID: NYP004818862
Date Shipped: 8/5/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported

NJ MANIFEST
S120675000
N/A
**CON EDISON** (Continued)

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- **Date Accepted:** Not reported
- **Manifest Discrepancy Type:** Not reported
- **Data Entry Number:** Not reported
- **Was Load Rejected:** NEW YORK, NY 10003
- **Reason Load Was Rejected:** Not reported

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**NY MANIFEST**

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<td>NY</td>
<td>10451</td>
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**NY MANIFEST:**

- **EPA ID:** NYP004818862
- **Mailing Name:** CON EDISON
- **Mailing Contact:** DENNIS HUACON
- **Mailing Address 1:** 4 IRVING PL 15TH FL
- **Mailing City:** NEW YORK
- **Mailing State:** NY
- **Mailing Zip:** 10003
- **Mailing Zip 4:** Not reported
- **Mailing Country:** USA
- **Mailing Phone:** 2124603770

**NY MANIFEST:**

- **Document ID:** Not reported
- **Manifest Status:** Not reported
- **seq:** Not reported
- **Year:** 2015

**Trans1 State ID:** NJD003812047
- **Trans2 State ID:** Not reported

**Generator Ship Date:** 08/05/2015
- **Trans1 Recv Date:** 08/05/2015
- **Trans2 Recv Date:** Not reported
- **TSD Site Recv Date:** 08/07/2015
- **Part A Recv Date:** Not reported
- **Part B Recv Date:** Not reported

**Generator EPA ID:** NYP004818862
- **Trans1 EPA ID:** Not reported
- **Trans2 EPA ID:** Not reported
- **TSDF ID 1:** NJD991291105
- **TSDF ID 2:** Not reported
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### CON EDISON (Continued)

- **Manifest Tracking Number:** 002661236GBF
- **Import Indicator:** N
- **Export Indicator:** N
- **Discr Quantity Indicator:** N
- **Discr Type Indicator:** N
- **Discr Residue Indicator:** N
- **Discr Partial Reject Indicator:** N
- **Discr Full Reject Indicator:** N
- **Manifest Ref Number:** Not reported
- **Alt Facility RCRA ID:** Not reported
- **Alt Facility Sign Date:** Not reported
- **MGMT Method Type Code:** H110
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Waste Code:** Not reported
- **Quantity:** 200
- **Units:** P - Pounds
- **Number of Containers:** 1
- **Container Type:** TT - Cargo tank, tank trucks
- **Handling Method:** T Chemical, physical, or biological treatment.
- **Specific Gravity:** 1
- **Waste Code:** D008
- **Waste Code 1_2:** Not reported
- **Waste Code 1_3:** Not reported
- **Waste Code 1_4:** Not reported
- **Waste Code 1_5:** Not reported
- **Waste Code 1_6:** Not reported

**Click this hyperlink** while viewing on your computer to access 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

---

**RCRA NonGen / NLR:** 1014918044
**EPA Region:** 02
**EPA ID Number:** NYP004216273

**Site 1 of 2 in cluster Y**

- **Relative:** 10/23/2010
- **Actual:** 18 ft.

**CON EDISON TRANSFORMER MANHOLE 634**

- **Date form received by agency:** 10/23/2010
- **Facility name:** CON EDISON TRANSFORMER MANHOLE 634
- **Facility address:** E 140TH ST & PARK AVE SS
  - 15 FEET E OF
  - BRONX, NY 10451
- **EPA ID:** NYP004216273
- **Mailing address:** IRVING PL RM 828
  - NEW YORK, NY 10003
- **Contact:** DONALD SENNO
- **Contact address:** Not reported
- **Contact country:** Not reported
- **Contact telephone:** (914) 925-6219
- **Contact email:** Not reported
- **Classification:** Non-Generator
CON EDISON TRANSFORMER MANHOLE 634 (Continued)

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 09/23/2010
Site name: CON EDISON TRANSFORMER MANHOLE 634
Classification: Conditionally Exempt Small Quantity Generator
Violation Status: No violations found

NJ MANIFEST:
EPA Id: NYP004216273
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: DONALD SENNO
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 003533457JJK
EPA ID: NYP004216273
Date Shipped: 09/23/2010
TSDF EPA ID: NJD002200046
Transporter EPA ID: NYD006982359
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
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<tr>
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**CON EDISON TRANSFORMER MANHOLE 634 (Continued)**

- Transporter 9 EPA ID: Not reported
- Transporter 10 EPA ID: Not reported
- Date Trans1 Transported Waste: 09/23/2010
- Date Trans2 Transported Waste: Not reported
- Date Trans3 Transported Waste: Not reported
- Date Trans4 Transported Waste: Not reported
- Date Trans5 Transported Waste: Not reported
- Date Trans6 Transported Waste: Not reported
- Date Trans7 Transported Waste: Not reported
- Date Trans8 Transported Waste: Not reported
- Date Trans9 Transported Waste: Not reported
- Date Trans10 Transported Waste: Not reported
- Date TSDF Received Waste: 09/23/2010
- TSDF EPA Facility Name: Not reported
- QTY Units: Not reported
- Transporter SEQ ID: Not reported
- Transporter-1 Date: Not reported
- Waste SEQ ID: Not reported
- Waste Type Code 2: Not reported
- Waste Type Code 3: Not reported
- Waste Type Code 4: Not reported
- Waste Type Code 5: Not reported
- Waste Type Code 6: Not reported
- Date Accepted: Not reported
- Manifest Discrepancy Type: Not reported
- Data Entry Number: Not reported
- Was Load Rejected: NEW YORK, NY 10003
- Reason Load Was Rejected: Not reported
- Waste: Not reported
- Manifest Year: Not reported
- Waste Code: D008
- Hand Code: H111
- Quantity: 800 P
### CON EDISON (Continued)

**Mailing Name:** CON EDISON  
**Mailing Contact:** TOM TEELING  
**Mailing Address 1:** 4 IRVING PLACE 15TH FLOOR  
**Mailing City:** NEW YORK  
**Mailing State:** NY  
**Mailing Zip:** 10003  
**Mailing Zip 4:**  
**Mailing Country:** USA  
**Mailing Phone:**  

**NY MANIFEST:**  
**Document ID:** Not reported  
**Manifest Status:** Not reported  
**seq:** Not reported  
**Year:** 2014  
**Trans1 State ID:** NJD003812047  
**Trans2 State ID:** Not reported  
**Generator Ship Date:** 06/20/2014  
**Trans1 Recv Date:** 06/20/2014  
**Trans2 Recv Date:** Not reported  
**TSD Site Recv Date:** 06/23/2014  
**Part A Recv Date:** Not reported  
**Part B Recv Date:** Not reported  
**Generator EPA ID:** NYP004570750  
**Trans1 EPA ID:** Not reported  
**Trans2 EPA ID:** Not reported  
**TSDF ID 1:** NJD991291105  
**TSDF ID 2:** Not reported  
**Manifest Tracking Number:** 002423069GBF  
**Import Indicator:** N  
**Export Indicator:** N  
**Discr Quantity Indicator:** N  
**Discr Type Indicator:** N  
**Discr Residue Indicator:** N  
**Discr Partial Reject Indicator:** N  
**Discr Full Reject Indicator:** N  
**Manifest Ref Number:** Not reported  
**Alt Facility RCRA ID:** Not reported  
**Alt Facility Sign Date:** Not reported  
**MGMT Method Type Code:** H110  
**Waste Code:**  
  - Not reported  
  - Not reported  
**Quantity:** 70  
**Units:** P - Pounds  
**Number of Containers:** 1  
**Container Type:** TT - Cargo tank, tank trucks  
**Handling Method:** T Chemical, physical, or biological treatment.  
**Specific Gravity:** 1  
**Waste Code:** D008  
**Waste Code 1_2:** Not reported  
**Waste Code 1_3:** Not reported  
**Waste Code 1_4:** Not reported
CON EDISON (Continued)

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

W183
CON EDISON SERVICE BOX: 1051
SE
382 CANAL PL FRONT OF
1/8-1/4
BRONX, NY 10451
0.214 mi.
1132 ft.
Site 8 of 18 in cluster W

Relative:
Lower
Actual:
19 ft.

Date form received by agency: 07/20/2014
Facility name: CON EDISON SERVICE BOX: 1051
Facility address: 382 CANAL PL FRONT OF
BRONX, NY 10451
EPA ID: NYP004570750
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 06/20/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 06/20/2014
Site name: CON EDISON
Classification: Not a generator, verified
CON EDISON SERVICE BOX: 1051 (Continued)  
Violation Status: No violations found

FINDS:

Registry ID: 110063832214

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS; detail in the EDR Site Report.

<table>
<thead>
<tr>
<th>W184</th>
<th>CON EDISON - VS 2380</th>
<th>NCRA NonGen / NLR</th>
<th>1008195546</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE</td>
<td>CANAL &amp; 141ST ST</td>
<td>NY MANIFEST</td>
<td>NYP04108320</td>
</tr>
<tr>
<td>1/8-1/4</td>
<td>BRONX, NY 10451</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.217 mi.</td>
<td>Site 9 of 18 in cluster W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1146 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Relative:

Lower

Actual:

19 ft.

RCRA NonGen / NLR:

Date form received by agency: 02/27/2004

Facility name: CON EDISON - VS 2380

Facility address: CANAL & 141ST ST

BRONX, NY 10451

EPA ID: NYP004108320

Mailing address: 4 IRVING PLACE

NEW YORK, NY 10003

Contact: ANTHONY DRUMMINGS

Contact address: 4 IRVING PLACE

NEW YORK, NY 10003

Contact country: US

Contact telephone: (212) 460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE

NEW YORK, NY 10003

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 03/06/2003

Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Owner/operator address: 4 IRVING PLACE

NEW YORK, NY 10003

Owner/operator country: US

Owner/operator telephone: Not reported
CON EDISON - VS 2380 (Continued) 1008195546

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/06/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/26/2004
Site name: CON EDISON - VS 2380
Classification: Not a generator, verified

Date form received by agency: 02/25/2004
Site name: CON EDISON - VS 2380
Classification: Large Quantity Generator

- Waste code: B002
- Waste name: B002

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP004108320
Facility Status: Not reported
Location Address 1: E 14 ST & CANAL PL
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004108320
Mailing Name: CON ED
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Site 10 of 18 in cluster W

Relative: 
Lower

Actual: 
19 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/28/1998
Facility name: CON ED - V 2380
Facility address: E 141 ST & CANAL PL
BRONX, NY 10451
EPA ID: NYP004008074
Mailing address: CONSOLIDATED EDISON INC
4 IRVING PL RM 300
NEW YORK, NY 100030000
Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC
NEW YORK, NY 100030000
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/27/1998
Site name: CON ED - V 2380
Classification: Not a generator, verified

Date form received by agency: 02/26/1998
Site name: CON ED - V 2380
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP004008074
Facility Status: Not reported
Location Address 1: V 2380 - CANAL PL
Code: BP
### CON ED - V 2380 (Continued)

<table>
<thead>
<tr>
<th>Location Address 2:</th>
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</thead>
<tbody>
<tr>
<td>Total Tanks:</td>
<td>Not reported</td>
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<tr>
<td>Location City:</td>
<td>QUEENS</td>
</tr>
<tr>
<td>Location State:</td>
<td>NY</td>
</tr>
<tr>
<td>Location Zip:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Location Zip 4:</td>
<td>Not reported</td>
</tr>
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</table>

#### NY MANIFEST:

<table>
<thead>
<tr>
<th>EPAID:</th>
<th>NYP004008074</th>
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<tbody>
<tr>
<td>Mailing Name:</td>
<td>CONSOLIDATED EDISON</td>
</tr>
<tr>
<td>Mailing Contact:</td>
<td>FRANKLIN MURRAY</td>
</tr>
<tr>
<td>Mailing Address 1:</td>
<td>4 IRVING PLACE RM 828</td>
</tr>
<tr>
<td>Mailing Address 2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Mailing City:</td>
<td>NEW YORK</td>
</tr>
<tr>
<td>Mailing State:</td>
<td>NY</td>
</tr>
<tr>
<td>Mailing Zip:</td>
<td>10003</td>
</tr>
<tr>
<td>Mailing Zip 4:</td>
<td>Not reported</td>
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<tr>
<td>Mailing Country:</td>
<td>USA</td>
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<td>Mailing Phone:</td>
<td>2124602808</td>
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#### NY MANIFEST:

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<td>seq:</td>
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<tr>
<td>Year:</td>
<td>1997</td>
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<td>Trans1 State ID:</td>
<td>GX3213</td>
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<td>Trans2 State ID:</td>
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<td>Generator Ship Date:</td>
<td>06/13/1997</td>
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<td>06/13/1997</td>
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<tr>
<td>Trans2 Recv Date:</td>
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<td>TSD Site Recv Date:</td>
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<td>Part A Recv Date:</td>
<td>06/25/1997</td>
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<td>Part B Recv Date:</td>
<td>07/01/1997</td>
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<td>Discr Residue Indicator:</td>
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<td>Alt Facility Sign Date:</td>
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<td>MGMT Method Type Code:</td>
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<td>Waste Code:</td>
<td>B003 - PETROLEUM OIL WITH 500 PPM OR &gt; PCB</td>
</tr>
<tr>
<td>Quantity:</td>
<td>01293</td>
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</tbody>
</table>
### CON ED - V 2380 (Continued)

| Units: | K - Kilograms (2.2 pounds) |
| Number of Containers: | 001 |
| Container Type: | TT - Cargo tank, tank trucks |
| Handling Method: | T Chemical, physical, or biological treatment. |
| Specific Gravity: | 100 |

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

<table>
<thead>
<tr>
<th>W186 ESE</th>
<th>388 CANAL PLACE</th>
<th>1/8-1/4</th>
<th>0.217 mi.</th>
<th>1147 ft.</th>
<th>Site 11 of 18 in cluster W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relative:</td>
<td>Actual:</td>
<td>AST:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>19 ft.</td>
<td>Region:</td>
<td>STATE</td>
<td>DEC Region:</td>
<td>2</td>
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<tr>
<td>Site Status:</td>
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<td>Facility Id:</td>
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<td>Program Type:</td>
<td>PBS</td>
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<td>UTM X:</td>
<td>590589.26463</td>
<td>UTM Y:</td>
<td>4518837.12671</td>
<td>Expiration Date:</td>
<td>03/24/2018</td>
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<td>Site Type:</td>
<td>Other</td>
<td>Affiliation Records:</td>
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<td>Site Id:</td>
<td>23350</td>
<td>Affiliation Type:</td>
<td>Mail Contact</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company Name:</td>
<td>DENCO DISTRIBUTORS INC.</td>
<td>Contact Type:</td>
<td>PRESIDENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact Name:</td>
<td>ROBERT DENISON</td>
<td>Address1:</td>
<td>388 CANAL PLACE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address2:</td>
<td>Not reported</td>
<td>City:</td>
<td>BRONX</td>
<td></td>
<td></td>
</tr>
<tr>
<td>State:</td>
<td>NY</td>
<td>Zip Code:</td>
<td>10451</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country Code:</td>
<td>001</td>
<td>Phone:</td>
<td>(718) 665-6600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMail:</td>
<td><a href="mailto:RDENISON@PIPELINE.COM">RDENISON@PIPELINE.COM</a></td>
<td>Fax Number:</td>
<td>Not reported</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modified By:</td>
<td>dxliving</td>
<td>Date Last Modified:</td>
<td>2008-02-22</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Site Id: | 23350 | Affiliation Type: | On-Site Operator |
| Company Name: | DENCO DISTRIBUTORS INC. | Contact Type: | Not reported |
| Contact Name: | ROBERT DENISON | Address1: | Not reported |
| Address2: | Not reported | City: | Not reported |
| State: | NN | Zip Code: | Not reported |
| Country Code: | 001 | Phone: | (718) 665-6600 |
| EMail: | Not reported |
DENCO DISTRIBUTORS INC. (Continued)

Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 23350
Affiliation Type: Facility Owner
Company Name: ROBERT DENISON
Contact Type: PRESIDENT
Contact Name: ROBERT DENISON
Address1: 3 BEACH FRONT LANE
Address2: Not reported
City: NEW ROCHELLE
State: NY
Zip Code: 10805
Country Code: 001
Phone: (914) 235-5234
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2013-05-28

Tank Info:

Tank Number: 001
Tank Id: 45863
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
J03 - Dispenser - Gravity
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
C01 - Pipe Location - Aboveground
E02 - Piping Secondary Containment - Vault (with Access)
I05 - Overfill - Vent Whistle
DENCO DISTRIBUTORS INC. (Continued)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1992
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 05/28/2013
Material Name: Not reported

CON EDISON
602 WALTON AVE
BRONX, NY 10451

Relative: Higher
Actual: 40 ft.

EPA Id: NYP004813883
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported
Manifest:
Manifest Number: 002661226GBF
EPA ID: NYP004813883
Date Shipped: 7/28/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
CON EDISON (Continued)

Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
### CON EDISON (Continued)

- Undergound injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

#### Historical Generators:
- Date form received by agency: 07/28/2015
- Site name: CON EDISON
- Classification: Large Quantity Generator

#### Violation Status:
- No violations found

#### FINDS:
- Registry ID: 110069692988
- Environmental Interest/Information System

**RCRAInfo** is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. **RCRAInfo** allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**Click this hyperlink** while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

#### ECHO:
- EnvId: 1019905819
- Registry ID: 110069692988
- DFR URL: http://echo.epa.gov/detailed-facility-report?id=110069692988

---

**Site 12 of 18 in cluster W**

**NJ MANIFEST**

- EPA Id: NYP004810384
- Mail Address: IRVING PL 15TH FL NE
- Mail City/State/Zip: NEW YORK, NY 10003
- Facility Phone: Not reported
- Emergency Phone: Not reported
- Contact: THOMAS TEELING
- Comments: Not reported
- SIC Code: Not reported
- County: NY005
- Municipal: Not reported
- Previous EPA Id: Not reported

---

**EDR ID Number**

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Site</th>
<th>Elevation</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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<tbody>
<tr>
<td>W189</td>
<td>SE</td>
<td>1/8-1/4</td>
<td>366 CANAL PL</td>
<td>0.218 mi.</td>
<td>1150 ft.</td>
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TC5022723.2s  Page 480
### Map Findings

<table>
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<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
</tr>
</thead>
</table>

**CON EDISON (Continued)**

- **Gen Flag:** Not reported
- **Trans Flag:** Not reported
- **TSDF Flag:** Not reported
- **Name Change:** Not reported
- **Date Change:** Not reported

**Manifest:**
- **Manifest Number:** 002661210GBF
- **EPA ID:** NYP004810384
- **Date Shipped:** 7/21/2015
- **TSDF EPA ID:** NJD991291105
- **Transporter EPA ID:** NJD003812047
- **Transporter 2 EPA ID:** Not reported
- **Transporter 3 EPA ID:** Not reported
- **Transporter 4 EPA ID:** Not reported
- **Transporter 5 EPA ID:** Not reported
- **Transporter 6 EPA ID:** Not reported
- **Transporter 7 EPA ID:** Not reported
- **Transporter 8 EPA ID:** Not reported
- **Transporter 9 EPA ID:** Not reported
- **Transporter 10 EPA ID:** Not reported
- **Date Trans1 Transported Waste:** Not reported
- **Date Trans2 Transported Waste:** Not reported
- **Date Trans3 Transported Waste:** Not reported
- **Date Trans4 Transported Waste:** Not reported
- **Date Trans5 Transported Waste:** Not reported
- **Date Trans6 Transported Waste:** Not reported
- **Date Trans7 Transported Waste:** Not reported
- **Date Trans8 Transported Waste:** Not reported
- **Date Trans9 Transported Waste:** Not reported
- **Date Trans10 Transported Waste:** Not reported
- **Date TSDF Received Waste:** Not reported
- **TSDF EPA Facility Name:** Not reported
- **QTY Units:** Not reported
- **Transporter SEQ ID:** Not reported
- **Transporter-1 Date:** Not reported
- **Waste SEQ ID:** Not reported
- **Waste Type Code 2:** Not reported
- **Waste Type Code 3:** Not reported
- **Waste Type Code 4:** Not reported
- **Waste Type Code 5:** Not reported
- **Waste Type Code 6:** Not reported
- **Date Accepted:** Not reported
- **Manifest Discrepancy Type:** Not reported
- **Data Entry Number:** Not reported
- **Was Load Rejected:** NEW YORK, NY 10003
- **Reason Load Was Rejected:** Not reported
Site 13 of 18 in cluster W

Relative: Lower
Actual: 19 ft.

RCRA NonGen / NLR:
Date form received by agency: 07/21/2015
Facility name: CON EDISON
Facility address: 366 CANAL PL
BRONX, NY 10451
EPA ID: NYP004810384
Mailing address: THOMAS TEELING
IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/21/2015
Site name: CON EDISON
Classification: Large Quantity Generator
Violation Status: No violations found
FINDS:
Registry ID: 110069682686

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
MAP FINDINGS

CON EDISON (Continued)

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1019905501
Registry ID: 110069682686
DFR URL: http://echo.epa.gov/detailed-facility-report?id=110069682686

W191 SE 376 CANAL PL
1/8-1/4 376 CANAL PLACE
0.218 mi. BRONX, NY 10451
1153 ft. Site 14 of 18 in cluster W

Relative: Lower
Actual: 19 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-605165
Program Type: PBS
UTM X: 590572.94830
UTM Y: 4518803.90875
Expiration Date: 02/08/2021
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:
Site Id: 27034
Affiliation Type: Facility Owner
Company Name: CANAL/RIDER LLC
Contact Type: MEMBER
Contact Name: CHRISTOPHER BOYE
Address1: 1536 THIRD AVENUE, 3RD FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10028
Country Code: 001
Phone: (212) 772-7550
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMAMA
Date Last Modified: 2015-05-19

Site Id: 27034
Affiliation Type: Mail Contact
Company Name: BRADFORD SWETT MANAGEMENT LLC
Contact Type: Not reported
Contact Name: CHRISTOPHER BOYLE
Address1: 1536 THIRD AVENUE
Address2: 3RD FLOOR
City: NEW YORK
State: NY
Zip Code: 10028
Country Code: 001
Phone: (212) 772-7550
EMail: ALESYA@BNSMNYC.COM
Fax Number: Not reported
376 CANAL PL  (Continued)  A100175460

Modified By:  LSZINOMA
Date Last Modified:  2016-02-04

Site Id:  27034
Affiliation Type:  On-Site Operator
Company Name:  376 CANAL PL
Contact Type:  Not reported
Contact Name:  GODFREY SPENSER
Address1:  Not reported
Address2:  Not reported
City:  Not reported
State:  NN
Zip Code:  Not reported
Country Code:  001
Phone:  (212) 772-7550
EMail:  Not reported
Fax Number:  Not reported
Modified By:  LSZINOMA
Date Last Modified:  2016-02-04

Site Id:  27034
Affiliation Type:  Emergency Contact
Company Name:  CANAL/RIDER LLC
Contact Type:  Not reported
Contact Name:  CHRISTOPHER BOYLE
Address1:  Not reported
Address2:  Not reported
City:  Not reported
State:  NN
Zip Code:  Not reported
Country Code:  999
Phone:  (212) 772-7550
EMail:  Not reported
Fax Number:  Not reported
Modified By:  LSZINOMA
Date Last Modified:  2016-02-04

Tank Info:

Tank Number:  001
Tank Id:  59528
Material Code:  0001
Common Name of Substance:  #2 Fuel Oil (On-Site Consumption)

Equipment Records:
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Location:  3
### 376 CANAL PL (Continued)

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<td>Date Tank Closed</td>
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### Z192

#### METRO NORTH COMMUTER RAILROAD

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<td>Mailing Name</td>
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<tr>
<td>Mailing Contact</td>
<td>GAIL SILKE</td>
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<tr>
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<td>Mailing Address 2</td>
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<td>Mailing City</td>
<td>WHITE PLAINS</td>
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<td>Mailing Country</td>
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### NY MANIFEST

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<td>Trans2 State ID</td>
<td>Not reported</td>
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<td>Generator Ship Date</td>
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<td>Trans1 Recv Date</td>
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<tr>
<td>Trans2 Recv Date</td>
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<td>TSD Site Recv Date</td>
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<tr>
<td>Part A Recv Date</td>
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METRO NORTH COMMUTER RAILROAD (Continued)

Part B Recv Date: 03/18/1986
Generator EPA ID: NYP000856674
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID 1: NYD049178296
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 02000
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Click this hyperlink while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.
### E.M.T.C. REALTY CORPORATION (Continued)

| Address1: | 226 EAST 144TH STREET |
| Address2: | Not reported |
| City:     | BRONX |
| State:    | NY |
| Zip Code: | 10451 |
| Country Code: | 001 |
| Phone: | (718) 585-7618 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | TRANSLAT |
| Date Last Modified: | 2004-03-04 |

| Site Id: | 2063 |
| Affiliation Type: | Mail Contact |
| Company Name: | E.M.T.C. REALTY CORPORATION |
| Contact Type: | Not reported |
| Contact Name: | RASHEED |
| Address1: | Not reported |
| Address2: | Not reported |
| City: | BRONX |
| State: | NY |
| Zip Code: | 10451 |
| Country Code: | 001 |
| Phone: | (718) 585-7618 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | TRANSLAT |
| Date Last Modified: | 2004-03-04 |

| Site Id: | 2063 |
| Affiliation Type: | On-Site Operator |
| Company Name: | E.M.T.C. REALTY CORPORATION |
| Contact Type: | Not reported |
| Contact Name: | RASHEED |
| Address1: | Not reported |
| Address2: | Not reported |
| City: | BRONX |
| State: | NY |
| Zip Code: | Not reported |
| Country Code: | 001 |
| Phone: | (718) 585-7618 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | TRANSLAT |
| Date Last Modified: | 2004-03-04 |

| Site Id: | 2063 |
| Affiliation Type: | Emergency Contact |
| Company Name: | E.M.T.C. REALTY CORPORATION |
| Contact Type: | Not reported |
| Contact Name: | FRANK |
| Address1: | Not reported |
| Address2: | Not reported |
| City: | Not reported |
| State: | NN |
| Zip Code: | Not reported |
| Country Code: | 001 |
E.M.T.C. REALTY CORPORATION (Continued) U003384221

Phone: (917) 314-1435
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

- Tank Number: 001
- Tank Id: 3330
- Material Code: 0001
- Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- A00 - Tank Internal Protection - None
- L09 - Piping Leak Detection - Exempt Suction Piping
- G01 - Tank Secondary Containment - Diking (Aboveground)
- B05 - Tank External Protection - Jacketed
- C01 - Pipe Location - Aboveground
- H99 - Tank Leak Detection - Other
- F00 - Pipe External Protection - None
- I05 - Overfill - Vent Whistle

- Tank Location: 1
- Tank Type: Stainless Steel Alloy
- Tank Status: In Service
- Pipe Model: Not reported
- Install Date: Not reported
- Capacity Gallons: 1500
- Tightness Test Method: NN
- Date Test: Not reported
- Next Test Date: Not reported
- Date Tank Closed: Not reported
- Register: True
- Modified By: TRANSLAT
- Last Modified: 03/04/2004
- Material Name: Not reported
### CON EDISON (Continued)

<table>
<thead>
<tr>
<th>Contact telephone:</th>
<th>(212) 580-8383</th>
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<tbody>
<tr>
<td>Contact email:</td>
<td>Not reported</td>
</tr>
<tr>
<td>EPA Region:</td>
<td>02</td>
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<tr>
<td>Classification:</td>
<td>Non-Generator</td>
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<tr>
<td>Description:</td>
<td>Handler: Non-Generators do not presently generate hazardous waste</td>
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</table>

#### Handler Activities Summary:
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
- **Used oil Specification marketer:** No
- **Used oil transfer facility:** No
- **Used oil transporter:** No

#### Historical Generators:
- **Date form received by agency:** 01/10/2007
- **Site name:** CON EDISON
- **Classification:** Not a generator, verified

#### NY MANIFEST:
- **Country:** USA
- **EPA ID:** NYP004146965
- **Facility Status:** Not reported
- **Location Address 1:** E 150TH ST & EXTERIOR ST
- **Code:** BP
- **Location Address 2:** Not reported
- **Total Tanks:** Not reported
- **Location City:** BRONX
- **Location State:** NY
- **Location Zip:** Not reported
- **Location Zip 4:** Not reported

#### NY MANIFEST:
- **EPAID:** NYP004146965
- **Mailing Name:** CONSOLIDATED EDISON
- **Mailing Contact:** FRANKLYN MURRAY
- **Mailing Address 1:** 4 IRVING PL RM 828
- **Mailing Address 2:** Not reported
- **Mailing City:** NEW YORK
- **Mailing State:** NY
- **Mailing Zip:** 10003
- **Mailing Zip 4:** Not reported
CON EDISON (Continued)

Mailing Country: USA
Mailing Phone: 2124602808

AA195 BRONX TERMINAL MARKET WATERFRONT PARK NY UST U004079927
NNW EXTERIOR STREET & EAST 150TH STREET N/A
1/8-1/4 BRONX, NY 10451
0.226 mi. 1202 ft.
Site 2 of 3 in cluster AA

Relative: Lower
Actual: 5 ft.

UTC Y: 590174.38013
UTC X: 4519383.81013
Site Type: Other

Affiliation Records:
Site Id: 371749
Affiliation Type: Facility Owner
Company Name: NYC PARKS & RECREATION
Contact Type: CHIEF ENGINEER
Contact Name: JOHN NATOLI
Address1: OLMSTED CENTER, FLUSHING MEADOWS-CORONA PARK
City: FLUSHING
State: NY
Zip Code: 11368
Country Code: 001
Phone: (718) 760-6725
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-11-28

Site Id: 371749
Affiliation Type: Mail Contact
Company Name: LANGAN ENGINEERING & ENVIRONMENTAL SERVICES
Contact Type: Not reported
Contact Name: JOEL LANDES
Address1: 21 PENN PLAZA, 360 WEST 31ST STREET
City: NEW YORK
State: NY
Zip Code: 10001
Country Code: 001
Phone: (212) 479-5400
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-10-12

Site Id: 371749
Affiliation Type: On-Site Operator
Company Name: BRONX TERMINAL MARKET WATERFRONT PARK

TC5022723.2s Page 490
BRONX TERMINAL MARKET WATERFRONT PARK (Continued)  U004079927

Contact Type: Not reported
Contact Name: NYC PARK & RECREATION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 760-6725
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-10-12

Site Id: 371749
Affiliation Type: Emergency Contact
Company Name: NYC PARKS & RECREATION
Contact Type: Not reported
Contact Name: JOHN NATOLI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 760-6725
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-10-12

Tank Info:

Tank Number: 001
Tank ID: 213966
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 07/01/1970
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 01/31/2007

Equipment Records:

K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
### BRONX TERMINAL MARKET WATERFRONT PARK (Continued) U004079927

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<td>F06</td>
<td>Pipe External Protection - Wrapped</td>
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<td>H00</td>
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<td>B01</td>
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<td>L00</td>
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| Tank Number:       | 002 |
| Tank ID:           | 213967 |
| Tank Status:       | Closed - Removed |
| Material Name:     | Closed - Removed |
| Capacity Gallons:  | 550 |
| Install Date:      | 07/01/1970 |
| Date Tank Closed:  | Not reported |
| Registered:        | True |
| Tank Location:     | Underground |
| Tank Type:         | Steel/carbon steel |
| Material Code:     | 0008 |
| Common Name of Substance: | Diesel |
| Tightness Test Method: | NN |
| Date Test:         | Not reported |
| Next Test Date:    | Not reported |
| Pipe Model:        | Not reported |
| Modified By:       | NRLOMBAR |
| Last Modified:     | 01/31/2007 |

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<td>B01</td>
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| Tank Number:       | 003 |
| Tank ID:           | 213968 |
| Tank Status:       | Closed - Removed |
| Material Name:     | Closed - Removed |
| Capacity Gallons:  | 550 |
| Install Date:      | 07/01/1970 |
| Date Tank Closed:  | Not reported |
| Registered:        | True |
| Tank Location:     | Underground |
BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 01/31/2007

Tank Number: 004
Tank ID: 213969
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 01/31/2007

Equipment Records:
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
F06 - Pipe External Protection - Wrapped
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
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<tr>
<td></td>
<td>E00 - Piping Secondary Containment - None</td>
<td></td>
</tr>
<tr>
<td></td>
<td>F02 - Pipe External Protection - Original Sacrificial Anode</td>
<td></td>
</tr>
<tr>
<td></td>
<td>H00 - Tank Leak Detection - None</td>
<td></td>
</tr>
<tr>
<td></td>
<td>F06 - Pipe External Protection - Wrapped</td>
<td></td>
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<tr>
<td></td>
<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
<td></td>
</tr>
<tr>
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<td>G00 - Tank Secondary Containment - None</td>
<td></td>
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<td></td>
<td>I00 - Overfill - None</td>
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<td></td>
<td>L00 - Piping Leak Detection - None</td>
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<td>C02 - Pipe Location - Underground/On-ground</td>
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<tr>
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<td>J00 - Dispenser - None</td>
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<td>B02 - Tank External Protection - Original Sacrificial Anode</td>
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BRONX TERMINAL MARKET WATERFRONT PARK (Continued) U004079927

Modified By: DXLIVING
Last Modified: 03/05/2007

Equipment Records:
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
F06 - Pipe External Protection - Wrapped
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 008
Tank ID: 215522
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1970
Date Tank Closed: 02/09/2007
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DXLIVING
Last Modified: 03/05/2007

Equipment Records:
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
H00 - Tank Leak Detection - None
F06 - Pipe External Protection - Wrapped
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
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<tr>
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</thead>
<tbody>
<tr>
<td>Capacity Gallons:</td>
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</tr>
<tr>
<td>Install Date:</td>
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<td>Registered:</td>
<td>True</td>
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<tr>
<td>Tank Location:</td>
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<tr>
<td>Tank Type:</td>
<td>Steel/carbon steel</td>
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<td>Material Code:</td>
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<tr>
<td>Pipe Model:</td>
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</tr>
<tr>
<td>Modified By:</td>
<td>NRLOMBAR</td>
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<tr>
<td>Last Modified:</td>
<td>03/05/2007</td>
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**Equipment Records:**

- K00 - Spill Prevention - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- E00 - Piping Secondary Containment - None
- F02 - Pipe External Protection - Original Sacrificial Anode
- H00 - Tank Leak Detection - None
- F06 - Pipe External Protection - Wrapped
- B01 - Tank External Protection - Painted/Asphalt Coating
- I00 - Overfill - None
- L00 - Piping Leak Detection - None
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- J00 - Dispenser - None
- B02 - Tank External Protection - Original Sacrificial Anode

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**Equipment Records:**

- K00 - Spill Prevention - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- E00 - Piping Secondary Containment - None
- F02 - Pipe External Protection - Original Sacrificial Anode
BRONX TERMINAL MARKET WATERFRONT PARK (Continued)  

F06 - Pipe External Protection - Wrapped  
H00 - Tank Leak Detection - None  
B01 - Tank External Protection - Painted/Asphalt Coating  
L00 - Piping Leak Detection - None  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
C02 - Pipe Location - Underground/On-ground  
J00 - Dispenser - None  
B02 - Tank External Protection - Original Sacrificial Anode

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<th>Database(s)</th>
<th>Distance</th>
<th>EDR ID Number</th>
<th>Site Elevation</th>
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<td>NYR000030262</td>
<td>ECHO</td>
<td>0.228 mi.</td>
<td>U004079927</td>
<td>1203 ft.</td>
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<td>Site 1 of 3 in cluster AB</td>
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Relative:  
Lower  
Actual:  
18 ft.  

RCRA NonGen / NLR:  
Date form received by agency: 01/01/2007  
Facility name: AJAX AUTOMOTIVE  
Facility address: 329 CANAL PL  
BRONX, NY 10451  
EPA ID: NYR000030262  
Mailing address: CANAL PL  
BRONX, NY 10451  
Contact: JACK LACAVALLA  
Contact address: CANAL PL  
BRONX, NY 10451  
Contact country: US  
Contact telephone: (718) 933-1170  
Contact email: Not reported  
EPA Region: 02  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:  
Owner/operator name: JACK LACAVALLA  
Owner/operator address: 2630 PARK AVE  
BRONX, NY 10451  
Owner/operator country: US  
Owner/operator telephone: (718) 665-0770  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: JACK LACAVALLA  
Owner/operator address: 2630 PARK AVE  
BRONX, NY 10451  
Owner/operator country: US  
Owner/operator telephone: (718) 665-0770  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:  
U.S. importer of hazardous waste: No
AJAX AUTOMOTIVE (Continued) 1001119736

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: AJAX AUTOMOTIVE
Classification: Not a generator, verified

Date form received by agency: 10/03/1996
Site name: AJAX AUTOMOTIVE
Classification: Small Quantity Generator

- Waste code: D001
- Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110004529127

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001119736
Registry ID: 110004529127
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004529127

NY MANIFEST:
Country: USA
EPA ID: NYR000030262
Facility Status: Not reported
Location Address 1: 329 CANAL PLACE
Code: BP
AJAX AUTOMOTIVE (Continued)

Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000030262
Mailing Name: AJAX AUTOMOTIVE
Mailing Contact: JACK LACAVALLA
Mailing Address 1: 329 CANAL PLACE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7189331170

NY MANIFEST:
Document ID: NYC5300820
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: JE4550NY
Trans2 State ID: Not reported
Generator Ship Date: 08/24/1998
Trans1 Recv Date: 08/24/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/01/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000030262
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID 1: SCD077995488
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00036
AJAX AUTOMOTIVE (Continued)  1001119736

Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00224
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Click this hyperlink while viewing on your computer to access
15 additional NY_MANIFEST: record(s) in the EDR Site Report.

AB197  CON EDISON  RCRA NonGen / NLR  1019906063
SSE  331 CANAL PL  FINDS  NYP004816839
1/8-1/4  BRONX, NY 10451  ECHO
0.230 mi.  Site 2 of 3 in cluster AB
1213 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/02/2015
Facility name: CON EDISON
Facility address: 331 CANAL PL
BRONX, NY 10451
EPA ID: NYP004816839
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
### CON EDISON (Continued)

| Site name: | CON EDISON |
| Classification: | Large Quantity Generator |
| Violation Status: | No violations found |

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**Click this hyperlink** while viewing on your computer to access additional FINDS; detail in the EDR Site Report.

**ECHO:**

| Envid: | 1019906063 |
| Registry ID: | 110069703342 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?id=110069703342 |

---

**NJ MANIFEST**

| Site: | CON EDISON |
| Description: | 331 CANAL PL |
| City/State: | BRONX, NY 10451 |
| Elevation: | 1213 ft. |
| Relative: | Site 3 of 3 in cluster AB |

**NJ MANIFEST:**

| EPA Id: | NYP004816839 |
| Mail Address: | IRVING PL 15TH FL NE |
| Mail City/State/Zip: | NEW YORK, NY 10003 |
| Facility Phone: | Not reported |
| Emergency Phone: | Not reported |
| Contact: | THOMAS TEELING |
| Comments: | Not reported |
| SIC Code: | Not reported |
| County: | NY005 |
| Municipal: | Not reported |
| Previous EPA Id: | Not reported |
| Gen Flag: | Not reported |
| Trans Flag: | Not reported |
| TSDF Flag: | Not reported |
| Name Change: | Not reported |
| Date Change: | Not reported |
CON EDISON (Continued)

Manifest:
  Manifest Number: 002660768GBF
  EPA ID: NYP004816839
  Date Shipped: 8/2/2015
  TSDF EPA ID: NJD991291105
  Transporter EPA ID: NJD003812047
  Transporter 1 Date: Not reported
  Waste Type Code 6: Not reported
  Waste Type Code 5: Not reported
  Waste Type Code 4: Not reported
  Waste Type Code 3: Not reported
  Waste Type Code 2: Not reported
  Waste SEQ ID: Not reported
  Transporter SEQ ID: Not reported
  Transporter-1 Date: Not reported
  Waste SEQ ID: Not reported
  Waste Type Code 2: Not reported
  Waste Type Code 3: Not reported
  Waste Type Code 4: Not reported
  Waste Type Code 5: Not reported
  Waste Type Code 6: Not reported
  Date Accepted: Not reported
  Manifest Discrepancy Type: Not reported
  Data Entry Number: Not reported
  Reason Load Was Rejected: NEW YORK, NY 10003
  Date Trans1 Transported Waste: Not reported
  Date Trans2 Transported Waste: Not reported
  Date Trans3 Transported Waste: Not reported
  Date Trans4 Transported Waste: Not reported
  Date Trans5 Transported Waste: Not reported
  Date Trans6 Transported Waste: Not reported
  Date Trans7 Transported Waste: Not reported
  Date Trans8 Transported Waste: Not reported
  Date Trans9 Transported Waste: Not reported
  Date Trans10 Transported Waste: Not reported
  Date TSDF Received Waste: Not reported
  TSDF EPA Facility Name: Not reported
  QTY Units: Not reported
  Transporter 10 EPA ID: Not reported
  Transporter 9 EPA ID: Not reported
  Transporter 8 EPA ID: Not reported
  Transporter 7 EPA ID: Not reported
  Transporter 6 EPA ID: Not reported
  Transporter 5 EPA ID: Not reported
  Transporter 4 EPA ID: Not reported
  Transporter 3 EPA ID: Not reported
  Transporter 2 EPA ID: Not reported
  Date Trans10 Transported Waste: Not reported
  Date Trans9 Transported Waste: Not reported
  Date Trans8 Transported Waste: Not reported
  Date Trans7 Transported Waste: Not reported
  Date Trans6 Transported Waste: Not reported
  Date Trans5 Transported Waste: Not reported
  Date Trans4 Transported Waste: Not reported
  Date Trans3 Transported Waste: Not reported
  Date Trans2 Transported Waste: Not reported
  Date Trans1 Transported Waste: Not reported
  Transporter EPA ID: NJD991291105
  Date Shipped: 8/2/2015
  EPA ID: NYP004816839
  Manifest Number: 002660768GBF

V199 580 GERARD AVENUE NY UST U000418103
NNE 580 GERARD AVENUE N/A
1/8-1/4 BRONX, NY 10451
0.230 mi. Site 8 of 10 in cluster V
1215 ft.

Relative: Higher
Actual: 28 ft.

UST:
  Id/Status: 2-333212 / Unregulated/Closed
  Program Type: PBS
  Region: STATE
  DEC Region: 2
  Expiration Date: N/A
  UTM X: 590340.16852
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<td>(212) 960-5000</td>
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580 GERARD AVENUE (Continued)  U000418103

Contact Type: Not reported
Contact Name: POSTMASTER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 960-5037
Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 35352
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 0010
Tank ID: 37901
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 12/01/1957
Date Tank Closed: 02/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
### 580 GERARD AVENUE (Continued)

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<td>C01 - Pipe Location - Aboveground</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
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580 GERARD AVENUE (Continued) U000418103

Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 35354
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 003
### 580 GERARD AVENUE (Continued)

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#### Equipment Records:
- I00 - Overfill - None
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- B01 - Tank External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None
- F00 - Pipe External Protection - None

#### Continued Record:
- Tank Number: 004
- Tank ID: 37904
- Tank Status: Closed - Removed
- Material Name: Closed - Removed
- Capacity Gallons: 550
- Install Date: Not reported
- Date Tank Closed: Not reported
- Registered: True
- Tank Location: Underground
- Tank Type: Steel/carbon steel
- Material Code: 0009
- Common Name of Substance: Gasoline

#### Equipment Records:
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
580 GERARD AVENUE (Continued)  U000418103

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 35355
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 005
Tank ID: 35356
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records: H00 - Tank Leak Detection - None
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<td>A00 - Tank Internal Protection - None</td>
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<td>C02 - Pipe Location - Underground/On-ground</td>
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<tr>
<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<tr>
<td>H00 - Tank Leak Detection - None</td>
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</tr>
<tr>
<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
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<tr>
<td>F00 - Pipe External Protection - None</td>
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</table>

| Tank Number: | 005 |
| Tank ID: | 37905 |
| Tank Status: | Closed - Removed |
| Material Name: | Closed - Removed |
| Capacity Gallons: | 550 |
| Install Date: | Not reported |
| Date Tank Closed: | Not reported |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0009 |
| Common Name of Substance: | Gasoline |
| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Modified By: | TRANSLAT |
| Last Modified: | 03/04/2004 |

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<tbody>
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<td>C02 - Pipe Location - Underground/On-ground</td>
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<tr>
<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<td>J02 - Dispenser - Suction Dispenser</td>
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<tr>
<td>H00 - Tank Leak Detection - None</td>
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<tr>
<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
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<td>F00 - Pipe External Protection - None</td>
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| Tank Number: | 006 |
| Tank ID: | 37906 |
| Tank Status: | Closed - Removed |
| Material Name: | Closed - Removed |
| Capacity Gallons: | 550 |
| Install Date: | Not reported |
| Date Tank Closed: | Not reported |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0009 |
| Common Name of Substance: | Gasoline |
| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
580 GERARD AVENUE (Continued) U000418103

Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- A00 - Tank Internal Protection - None
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- H00 - Tank Leak Detection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 35357
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
- C00 - Pipe Location - No Piping
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- D02 - Pipe Type - Galvanized Steel
- H00 - Tank Leak Detection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

Tank Number: 007
Tank ID: 37907
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline
**580 GERARD AVENUE (Continued)**

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<td>J02 - Dispenser - Suction Dispenser</td>
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<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<tr>
<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
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<td>F00 - Pipe External Protection - None</td>
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| Tank Number: 007                              |
| Tank ID: 35358                                |
| Tank Status: Closed - Removed                  |
| Material Name: Closed - Removed                |
| Capacity Gallons: 550                          |
| Install Date: 05/01/1950                       |
| Date Tank Closed: 03/01/1993                   |
| Registered: True                               |
| Tank Location: Underground                     |
| Tank Type: Steel/carbon steel                  |
| Material Code: 0009                            |
| Common Name of Substance: Gasoline             |
| Tightness Test Method: NN                      |
| Date Test: Not reported                        |
| Next Test Date: Not reported                   |
| Pipe Model: Not reported                       |
| Modified By: TRANSLAT                          |
| Last Modified: 03/04/2004                      |

| Equipment Records:                             |
| A00 - Tank Internal Protection - None          |
| G00 - Tank Secondary Containment - None        |
| I00 - Overfill - None                          |
| H00 - Tank Leak Detection - None               |
| C00 - Pipe Location - No Piping                |
| D02 - Pipe Type - Galvanized Steel             |
| B00 - Tank External Protection - None          |
| F00 - Pipe External Protection - None          |

| Tank Number: 008                              |
| Tank ID: 37908                                |
| Tank Status: Closed - Removed                  |
| Material Name: Closed - Removed                |
| Capacity Gallons: 550                          |
| Install Date: Not reported                     |
| Date Tank Closed: Not reported                 |
| Registered: True                               |

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### 580 GERARD AVENUE (Continued)

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<td>J02 - Dispenser - Suction Dispenser</td>
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580 GERARD AVENUE (Continued)

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<td>Tank Location:</td>
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</tr>
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<td>Material Code:</td>
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<tr>
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<td>I00 - Overfill - None</td>
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<tr>
<td>H00 - Tank Leak Detection - None</td>
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<tr>
<td>C00 - Pipe Location - No Piping</td>
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<td>D02 - Pipe Type - Galvanized Steel</td>
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<tr>
<td>B00 - Tank External Protection - None</td>
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<td>F00 - Pipe External Protection - None</td>
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### 580 GERARD AVENUE (Continued)

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<td>A00 - Tank Internal Protection - None</td>
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<td>G00 - Tank Secondary Containment - None</td>
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<tr>
<td>I00 - Overfill - None</td>
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<td>D01 - Pipe Type - Steel/Carbon Steel/Iron</td>
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<td>H00 - Tank Leak Detection - None</td>
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<tr>
<td>J02 - Dispenser - Suction Dispenser</td>
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<th>Tank Type: Steel/Carbon Steel</th>
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<td>J02 - Dispenser - Suction Dispenser</td>
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580 GERARD AVENUE (Continued)  

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<tr>
<td>Date Last Modified:</td>
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Site Id: 21056  
Affiliation Type: Mail Contact  
Company Name: CO EMMES REALTY SERVICES  
Contact Type: Not reported  
Contact Name: MARC FLYNN  
Address1: 44 W 55TH ST  
Address2: Not reported  
City: NEW YORK  
State: NY  
Zip Code: 10019  
Country Code: 001  
Phone: (212) 293-8900  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DMPOKRZY  
Date Last Modified: 2016-11-23  

Site Id: 21056  
Affiliation Type: On-Site Operator  
Company Name: 580 GERARD AVENUE  
Contact Type: Not reported  
Contact Name: NA  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: Not reported  
EMail: Not reported  
Fax Number: Not reported  
Modified By: TRANSLAT
580 GERARD AVENUE (Continued) U000418103

Date Last Modified: 2004-03-04
Site Id: 21056
Affiliation Type: Emergency Contact
Company Name: NEW ROCK ASSET MANAGEMENT
Contact Type: Not reported
Contact Name: GARY WOLTZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 757-7759
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

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<td>TRANSLAT</td>
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<tr>
<td>Last Modified:</td>
<td>03/04/2004</td>
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Equipment Records:

- H00 - Tank Leak Detection - None
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- C00 - Pipe Location - No Piping
- D02 - Pipe Type - Galvanized Steel
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

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<td>580 GERARD AVENUE (Continued)</td>
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**Install Date:** 12/01/1957  
**Date Tank Closed:** 02/01/1993  
**Registered:** True  
**Tank Location:** Underground  
**Tank Type:** Steel/carbon steel  
**Material Code:** 0001  
**Common Name of Substance:** #2 Fuel Oil (On-Site Consumption)  

**Tightness Test Method:** NN  
**Date Test:** Not reported  
**Next Test Date:** Not reported  
**Pipe Model:** Not reported  
**Modified By:** TRANSLAT  
**Last Modified:** 03/04/2004

**Equipment Records:**  
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<thead>
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</table>
|I00 - Overfill - None|A00 - Tank Internal Protection - None  
|G03 - Tank Secondary Containment - Vault (w/o access)|H00 - Tank Leak Detection - None  
|D01 - Pipe Type - Steel/Carbon Steel/Iron|C01 - Pipe Location - Aboveground  
|F00 - Pipe External Protection - None|B00 - Tank External Protection - None

**Tank Number:** 002  
**Tank ID:** 37902  
**Material Name:** Closed - Removed  
**Capacity Gallons:** 550  
**Install Date:** Not reported  
**Date Tank Closed:** Not reported  
**Registered:** True  
**Tank Location:** Underground  
**Tank Type:** Steel/carbon steel  
**Material Code:** 0009  
**Common Name of Substance:** Gasoline  

**Tightness Test Method:** NN  
**Date Test:** Not reported  
**Next Test Date:** Not reported  
**Pipe Model:** Not reported  
**Modified By:** TRANSLAT  
**Last Modified:** 03/04/2004

**Equipment Records:**  
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|C02 - Pipe Location - Underground/On-ground|G00 - Tank Secondary Containment - None  
|I00 - Overfill - None|I00 - Overfill - None  
|A00 - Tank Internal Protection - None|J02 - Dispenser - Suction Dispenser  
|D01 - Pipe Type - Steel/Carbon Steel/Iron|H00 - Tank Leak Detection - None  
|B01 - Tank External Protection - Painted/Asphalt Coating|F00 - Pipe External Protection - None
580 GERARD AVENUE (Continued)  U000418103

Tank Number: 002
Tank ID: 35353
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 35354
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
### 580 GERARD AVENUE

#### Map Findings

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### 580 GERARD AVENUE (Continued)

| Tank Number: | 004 |
| Tank ID:     | 35355 |
| Tank Status: | Closed - Removed |
| Material Name: | Closed - Removed |
| Capacity Gallons: | 550 |
| Install Date: | 05/01/1950 |
| Date Tank Closed: | 03/01/1993 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0009 |
| Common Name of Substance: | Gasoline |
| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
| Modified By: | TRANSLAT |
| Last Modified: | 03/04/2004 |

#### Equipment Records:

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<td>Tank Secondary Containment - None</td>
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<td>I00</td>
<td>Overfill - None</td>
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<tr>
<td>H00</td>
<td>Tank Leak Detection - None</td>
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<tr>
<td>J02</td>
<td>Dispenser - Suction Dispenser</td>
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<tr>
<td>D01</td>
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<td>F00</td>
<td>Pipe External Protection - None</td>
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### 580 GERARD AVENUE (Continued)

| Tank Number: | 005 |
| Tank ID:     | 35356 |
| Tank Status: | Closed - Removed |
| Material Name: | Closed - Removed |
| Capacity Gallons: | 550 |
| Install Date: | 05/01/1950 |
| Date Tank Closed: | 03/01/1993 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0009 |
| Common Name of Substance: | Gasoline |
| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
580 GERARD AVENUE (Continued) U000418103

Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 005
Tank ID: 37905
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 37906
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline
### 580 GERARD AVENUE (Continued)

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<td>03/04/2004</td>
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#### Equipment Records:
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- A00 - Tank Internal Protection - None
- J02 - Dispenser - Suction Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- H00 - Tank Leak Detection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- F00 - Pipe External Protection - None

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#### Equipment Records:
- C00 - Pipe Location - No Piping
- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- D02 - Pipe Type - Galvanized Steel
- H00 - Tank Leak Detection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

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580 GERARD AVENUE (Continued) U000418103

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

Tank Number: 007
Tank ID: 35358
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1950
Date Tank Closed: 03/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 008
Tank ID: 37908
Tank Status: Closed - Removed
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<td>C00 - Pipe Location - No Piping</td>
<td></td>
</tr>
</tbody>
</table>
### 580 GERARD AVENUE (Continued)

**Tank Number:** 010  
**Tank ID:** 37910  
**Tank Status:** Closed - Removed  
**Material Name:** Closed - Removed  
**Capacity Gallons:** 550  
**Install Date:** Not reported  
**Date Tank Closed:** Not reported  
**Registered:** True  
**Tank Location:** Underground  
**Tank Type:** Steel/carbon steel  
**Material Code:** 0009  
**Common Name of Substance:** Gasoline  
**Tightness Test Method:** NN  
**Date Test:** Not reported  
**Next Test Date:** Not reported  
**Pipe Model:** Not reported  
**Modified By:** TRANSLAT  
**Last Modified:** 03/04/2004

**Equipment Records:**  
A00 - Tank Internal Protection - None  
C02 - Pipe Location - Underground/On-ground  
G00 - Tank Secondary Containment - None  
I00 - Overfill - None  
D01 - Pipe Type - Steel/Carbon Steel/Iron  
B01 - Tank External Protection - Painted/Asphalt Coating  
H00 - Tank Leak Detection - None  
J02 - Dispenser - Suction Dispenser  
F00 - Pipe External Protection - None

---

**Tank Number:** 011  
**Tank ID:** 59424  
**Tank Status:** In Service  
**Material Name:** In Service  
**Capacity Gallons:** 2500  
**Install Date:** 02/01/1993  
**Date Tank Closed:** Not reported  
**Registered:** True  
**Tank Location:** Underground  
**Tank Type:** Equivalent technology  
**Material Code:** 0001  
**Common Name of Substance:** #2 Fuel Oil (On-Site Consumption)  
**Tightness Test Method:** NN  
**Date Test:** Not reported  
**Next Test Date:** Not reported  
**Pipe Model:** Not reported  
**Modified By:** DMPOKRZY  
**Last Modified:** 11/23/2016

**Equipment Records:**
### 580 GERARD AVENUE (Continued)

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<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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</thead>
</table>

| L09 - Piping Leak Detection - Exempt Suction Piping |
| F04 - Pipe External Protection - Fiberglass |
| I00 - Overfill - None |
| C02 - Pipe Location - Underground/On-ground |
| J02 - Dispenser - Suction Dispenser |
| K01 - Spill Prevention - Catch Basin |
| D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP) |
| B04 - Tank External Protection - Fiberglass |
| G04 - Tank Secondary Containment - Double-Walled (Underground) |
| A03 - Tank Internal Protection - Fiberglass Liner (FRP) |
| H05 - Tank Leak Detection - In-Tank System (ATG) |

**Handler Activities Summary:**

- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
- **Used oil Specification marketer:** No
- **Used oil transfer facility:** No
- **Used oil transporter:** No

---

**RCRA-SQG:**

- **Date form received by agency:** 10/10/2007
- **Facility name:** US POSTAL SERVICE - VMF
- **Facility address:** 580 GERARD AVE
- **EPA ID:** NYD982727885
- **Mailing address:** GERARD AVE
- **Contact:** ROBERT SKRIVANEK
- **Contact address:** GERARD AVE
- **Contact country:** US
- **Contact telephone:** (718) 960-5031
- **Contact email:** Not reported
- **EPA Region:** 02
- **Land type:** Federal
- **Classification:** Small Small Quantity Generator
- **Description:** Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time
US POSTAL SERVICE - VMF (Continued)

Historical Generators:
- Date form received by agency: 10/09/2007
  Site name: US POSTAL SERVICE - VMF
  Classification: Small Quantity Generator

- Date form received by agency: 01/01/2006
  Site name: US POSTAL SERVICE - VMF
  Classification: Conditionally Exempt Small Quantity Generator

- Date form received by agency: 07/30/2003
  Site name: US POSTAL SERVICE - VMF
  Classification: Not a generator, verified

  - Waste code: D001
    Waste name: IGNITABLE WASTE

  - Waste code: D008
    Waste name: LEAD

  - Waste code: D018
    Waste name: BENZENE

  - Waste code: D039
    Waste name: TETRACHLOROETHYLENE

  - Waste code: F003
    Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- Date form received by agency: 03/01/1992
  Site name: US POSTAL SE
  Classification: Large Quantity Generator

- Date form received by agency: 03/17/1989
  Site name: US POSTAL SERVICE - VMF
  Classification: Small Quantity Generator

  - Waste code: D000
    Waste name: Not Defined

  - Waste code: D001
    Waste name: IGNITABLE WASTE

  - Waste code: D008
    Waste name: LEAD

  - Waste code: D018
    Waste name: BENZENE
US POSTAL SERVICE - VMF (Continued)

- Waste code: D039
- Waste name: TETRACHLOROETHYLENE
- Waste code: F003
- Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
- Regulation violated: Not reported
- Area of violation: Generators - General
- Date violation determined: 09/28/1994
- Date achieved compliance: 12/19/1994
- Violation lead agency: State
- Enforcement action: WRITTEN INFORMAL
- Enforcement action date: 09/28/1994
- Enf. disposition status: Not reported
- Enf. disp. status date: Not reported
- Enforcement lead agency: State
- Proposed penalty amount: Not reported
- Final penalty amount: Not reported
- Paid penalty amount: Not reported

- Regulation violated: Not reported
- Area of violation: LDR - General
- Date violation determined: 09/28/1994
- Date achieved compliance: 12/19/1994
- Violation lead agency: State
- Enforcement action: WRITTEN INFORMAL
- Enforcement action date: 09/28/1994
- Enf. disposition status: Not reported
- Enf. disp. status date: Not reported
- Enforcement lead agency: State
- Proposed penalty amount: Not reported
- Final penalty amount: Not reported
- Paid penalty amount: Not reported

Evaluation Action Summary:
- Evaluation date: 09/28/2001
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: EPA

- Evaluation date: 08/03/1994
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: LDR - General
- Date achieved compliance: 12/19/1994
- Evaluation lead agency: State
US POSTAL SERVICE - VMF (Continued)

Evaluation date: 08/03/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/19/1994
Evaluation lead agency: State

NJ MANIFEST:
EPA Id: NYD982727885
Mail Address: 151ST ST & GERARD AVE
Mail City/State/Zip: BRONX 104515242
Facility Phone: 2129605035
Emergency Phone: Not reported
Contact: Not reported
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: 000000

Manifest:
Manifest Number: NJA5217557
EPA ID: NYD982727885
Date Shipped: 08/15/2005
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000050617
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/15/2005
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/24/2005
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported

TC5022723.2s  Page 530
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| Date Trans2 Transported Waste: | 01/25/2008 |
| Date Trans3 Transported Waste: | Not reported |
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| Date Trans5 Transported Waste: | Not reported |
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US POSTAL SERVICE - VMF (Continued)

Date Shipped: 11/15/2007
TSDF EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
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Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/15/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
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Date Trans6 Transported Waste: Not reported
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Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 11/28/2007
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BRONX 104515242
Reason Load Was Rejected: Not reported

NY MANIFEST:
Country: USA
EPA ID: NYD982727885
Facility Status: Not reported
Location Address 1: 580 GERARD AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: 5242

NY MANIFEST:
EPAID: NYD982727885
Mailing Name: UNITED STATES POST OFFICE
US POSTAL SERVICE - VMF (Continued)

Mailing Contact: UNITED STATES POST OFFICE
Mailing Address 1: 580 GERARD AVE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: 5242
Mailing Country: USA
Mailing Phone: 2129605036

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2009
Trans1 State ID: TXR000050930
Trans2 State ID: NJD071629976
Generator Ship Date: 01/15/2009
Trans1 Recv Date: 01/15/2009
Trans2 Recv Date: 01/23/2009
TSD Site Recv Date: 01/24/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982727885
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: KYD053348108
TSDF ID 2: Not reported
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Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H061
Waste Code: Not reported
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Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 4.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
Waste Code 1_2: D006
Waste Code 1_3: D018
Waste Code 1_4: Not reported
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<td>(212) 555-1212</td>
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<td>Handler Activities Summary:</td>
<td>U.S. importer of hazardous waste:</td>
<td>No</td>
<td></td>
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<td>Mixed waste (haz. and radioactive):</td>
<td>No</td>
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<td></td>
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<td>Transporter of hazardous waste:</td>
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Click this hyperlink while viewing on your computer to access 215 additional NY_MANIFEST: record(s) in the EDR Site Report.
US POSTAL SERVICE - VMF (Continued)

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: US POSTAL SERVICE - VMF
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: US POSTAL SERVICE - VMF
Classification: Not a generator, verified

Date form received by agency: 09/29/1989
Site name: US POSTAL SERVICE - VMF
Classification: Large Quantity Generator

- Waste code: D001
- Waste name: IGNITABLE WASTE
- Waste code: F003
- Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/28/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/10/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
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<th>Site</th>
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<td>Evaluation lead agency: EPA</td>
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<td>W202</td>
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<td>SE</td>
<td>1/8-1/4</td>
<td>0.233 mi.</td>
<td>1229 ft.</td>
<td>Site 15 of 18 in cluster W</td>
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<td>373 RIDER AVE</td>
<td>BRONX, NY 10455</td>
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CON EDISON (Continued)

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<td>Was Load Rejected:</td>
<td>NEW YORK, NY 10003</td>
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**RCRA NonGen / NLR:**

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<th>Relative:</th>
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</table>
| Actual:         | 19 ft.
| Site form received by agency: | 12/20/2015 |
| Facility name:  | CON EDISON |
| Facility address: | 373 RIDER AVE BRONX, NY 10455 |
| EPA ID:         | NY004882169 |
| Mailing address: | IRVING PL 15TH FL NE NEW YORK, NY 10003 |
| Contact:        | THOMAS TEELING |
| Contact address: | Not reported |
| Contact telephone: | (212) 460-3770 |
| Contact country: | Not reported |
| EPA Region:     | 02 |
| Classification: | Non-Generator |

**Handler Activities Summary:**

- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

**Historical Generators:**

| Date form received by agency: | 12/20/2015 |
| Site name:                   | CON EDISON |
| Classification:              | Small Quantity Generator |
CON EDISON (Continued)

Violation Status: No violations found

FINDS:

Registry ID: 110069651166

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019909202
Registry ID: 110069651166
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069651166

RCRA NonGen / NLR: 1000210033
FINDS: NYD001549633
ECHO: NY MANIFEST

W204 SE
1/8-1/4 387 RIDER AVE
BRONX, NY 10451
0.234 mi.
1235 ft.
Site 17 of 18 in cluster W

Relative: Lower
Actual: 19 ft.

Date form received by agency: 01/01/2007
Facility name: POWER CHEMICAL CO INC
Facility address: 387 RIDER AVE
BRONX, NY 10451
EPA ID: NYD001549633
Mailing address: RIDER AVE
BRONX, NY 10451
Contact: Not reported
Contact address: RIDER AVE
BRONX, NY 10451
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERSTREET, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
### POWER CHEMICAL CO INC (Continued)

**Owner/Op end date:** Not reported

**Owner/operator name:** OPERNAME

**Owner/operator address:** OPERSTREET

**Owner/operator country:** US

**Owner/operator telephone:** (212) 555-1212

**Legal status:** Private

**Owner/Operator Type:** Operator

**Owner/Op start date:** Not reported

**Owner/Op end date:** Not reported

**Handler Activities Summary:**
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

**Historical Generators:**

**Date form received by agency:** 01/01/2006

**Site name:** POWER CHEMICAL CO INC

**Classification:** Not a generator, verified

**Date form received by agency:** 08/20/1996

**Site name:** POWER CHEMICAL CO INC

**Classification:** Not a generator, verified

- **Waste code:** NONE
- **Waste name:** None

**Date form received by agency:** 03/01/1981

**Site name:** POWER CHEMICAL CO INC

**Classification:** Not a generator, verified

**Date form received by agency:** 12/10/1980

**Site name:** POWER CHEMICAL CO INC

**Classification:** Not a generator, verified

- **Waste code:** F001
- **Waste name:** THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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
POWER CHEMICAL CO INC  (Continued) 1000210033

IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 07/10/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/20/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:
Registry ID: 110004335443

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000210033
Registry ID: 110004335443
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004335443

NY MANIFEST:
Country: USA
EPA ID: NYD001549633
Facility Status: Not reported
Location Address 1: 387 RIDER AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD001549633
Mailing Name: POWER CHEMICAL CO INC
Mailing Contact: Not reported
Mailing Address 1: Not reported
POWER CHEMICAL CO INC (Continued)

Mailing Address 2: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
Mailing Zip 4: Not reported
Mailing Country: Not reported
Mailing Phone: Not reported

Z205
138 PETROLEUM, LLC
SSW
115 EAST 138TH STREET
1/8-1/4
BRONX, NY 10451
0.236 mi.
1244 ft.
Site 2 of 5 in cluster Z

Relative: Lower
Actual: 19 ft.

UST:
Id/Status: 2-191361 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 10/17/2018
UTM X: 590183.84093
UTM Y: 4518636.28946
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 5961
Affiliation Type: On-Site Operator
Company Name: 138 PETROLEUM, LLC
Contact Type: Not reported
Contact Name: HARBHAJAN SINGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 402-2375
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-10-28

Site Id: 5961
Affiliation Type: Emergency Contact
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: Not reported
Contact Name: ADNAN TAHINCIOGLU
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 699-9500
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
### 138 PETROLEUM, LLC (Continued)

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<td>Address1</td>
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<td>MOUNT VERNON</td>
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<td>DAFRANCI</td>
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**Tank Info:**

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<td>Capacity Gallons</td>
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<td>Install Date</td>
<td>05/01/1978</td>
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</tr>
<tr>
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<td>Date Test</td>
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<td>Last Modified</td>
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Equipment Records:

- Tank Number: 002
- Tank ID: 7486
- Tank Status: Closed - Removed
- Material Name: Closed - Removed
- Capacity Gallons: 4000
- Install Date: 05/01/1978
- Date Tank Closed: Not reported
- Registered: True
- Tank Location: Underground
- Tank Type: Steel/carbon steel
- Material Code: 0009
- Common Name of Substance: Gasoline
- Tightness Test Method: 14
- Date Test: 11/20/2002
- Next Test Date: Not reported
- Pipe Model: Not reported
- Modified By: TRANSLAT
- Last Modified: 03/04/2004

Equipment Records:

- Tank Number: 003
- Tank ID: 7487
- Tank Status: Closed - Removed
- Material Name: Closed - Removed
- Capacity Gallons: 4000
- Install Date: 05/01/1978
- Date Tank Closed: Not reported
- Registered: True
- Tank Location: Underground
### MAP FINDINGS

**138 PETROLEUM, LLC (Continued)**

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<td>Tightness Test Method</td>
<td>14</td>
</tr>
<tr>
<td>Date Test</td>
<td>11/20/2002</td>
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<td>Next Test Date</td>
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<td>Modified By</td>
<td>TRANSLAT</td>
</tr>
<tr>
<td>Last Modified</td>
<td>03/04/2004</td>
</tr>
</tbody>
</table>

**Equipment Records:**

- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- G99 - Tank Secondary Containment - Other
- I03 - Overfill - Automatic Shut-Off
- B01 - Tank External Protection - Painted/Asphalt Coating
- F08 - Pipe External Protection - Retrofitted Impressed Current
- D02 - Pipe Type - Galvanized Steel
- H99 - Tank Leak Detection - Other
- J01 - Dispenser - Pressurized Dispenser
- K01 - Spill Prevention - Catch Basin
- B08 - Tank External Protection - Retrofitted Impressed Current

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<td>Install Date</td>
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**Equipment Records:**

- F08 - Pipe External Protection - Retrofitted Impressed Current
- B01 - Tank External Protection - Painted/Asphalt Coating
- G99 - Tank Secondary Containment - Other
- I03 - Overfill - Automatic Shut-Off
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- K01 - Spill Prevention - Catch Basin
- B08 - Tank External Protection - Retrofitted Impressed Current
- D02 - Pipe Type - Galvanized Steel
- H99 - Tank Leak Detection - Other
- J01 - Dispenser - Pressurized Dispenser
### 138 PETROLEUM, LLC (Continued)

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<th>Equipment Records</th>
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</tr>
</thead>
<tbody>
<tr>
<td>A00 - Tank Internal Protection - None</td>
<td></td>
</tr>
<tr>
<td>G99 - Tank Secondary Containment - Other</td>
<td></td>
</tr>
<tr>
<td>I03 - Overfill - Automatic Shut-Off</td>
<td></td>
</tr>
<tr>
<td>H99 - Tank Leak Detection - Other</td>
<td></td>
</tr>
<tr>
<td>B01 - Tank External Protection - Painted/Asphalt Coating</td>
<td></td>
</tr>
<tr>
<td>D08 - Pipe Type - Equivalent Technology</td>
<td></td>
</tr>
<tr>
<td>F08 - Pipe External Protection - Retrofitted Impressed Current</td>
<td></td>
</tr>
<tr>
<td>K01 - Spill Prevention - Catch Basin</td>
<td></td>
</tr>
<tr>
<td>C00 - Pipe Location - No Piping</td>
<td></td>
</tr>
<tr>
<td>B08 - Tank External Protection - Retrofitted Impressed Current</td>
<td></td>
</tr>
<tr>
<td>J01 - Dispenser - Pressurized Dispenser</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Equipment Records</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>C02 - Pipe Location - Underground/On-ground</td>
<td></td>
</tr>
<tr>
<td>F04 - Pipe External Protection - Fiberglass</td>
<td></td>
</tr>
<tr>
<td>I02 - Overfill - High Level Alarm</td>
<td></td>
</tr>
</tbody>
</table>
138 PETROLEUM, LLC (Continued)

L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J01 - Dispenser - Pressurized Dispenser
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 007
Tank ID: 179984
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 08/01/2004
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 09/03/2013

Equipment Records:
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
J01 - Dispenser - Pressurized Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 010
Tank ID: 180178
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/05/2004
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
### 138 PETROLEUM, LLC (Continued)

<table>
<thead>
<tr>
<th>Material Code:</th>
<th>0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name of Substance:</td>
<td>Empty</td>
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<tr>
<td>Tightness Test Method:</td>
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<tr>
<td>Date Test:</td>
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</tr>
<tr>
<td>Next Test Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Model:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Modified By:</td>
<td>NRLOMBAR</td>
</tr>
<tr>
<td>Last Modified:</td>
<td>09/23/2004</td>
</tr>
</tbody>
</table>

**Equipment Records:**

- **Tank Number:** 011
- **Tank ID:** 180179
- **Tank Status:** Closed - In Place
- **Material Name:** Closed - In Place
- **Capacity Gallons:** 550
- **Install Date:** Not reported
- **Date Tank Closed:** Not reported
- **Registered:** True
- **Tank Location:** Underground
- **Tank Type:** Steel/carbon steel
- **Material Code:** 0000
- **Common Name of Substance:** Empty

<table>
<thead>
<tr>
<th>Material Code:</th>
<th>0000</th>
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</thead>
<tbody>
<tr>
<td>Common Name of Substance:</td>
<td>Empty</td>
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<tr>
<td>Tightness Test Method:</td>
<td>NN</td>
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<tr>
<td>Date Test:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Next Test Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Pipe Model:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Modified By:</td>
<td>NRLOMBAR</td>
</tr>
<tr>
<td>Last Modified:</td>
<td>09/23/2004</td>
</tr>
</tbody>
</table>

**Equipment Records:**

- **Tank Number:** 1
- **Tank ID:** 67170
- **Tank Status:** Closed - Removed
- **Material Name:** Closed - Removed
- **Capacity Gallons:** 12000
- **Install Date:** Not reported
### 138 PETROLEUM, LLC (Continued)

<table>
<thead>
<tr>
<th>Date Tank Closed</th>
<th>Registered</th>
<th>Tank Location</th>
<th>Tank Type</th>
<th>Material Code</th>
<th>Common Name of Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/01/2003</td>
<td>True</td>
<td>Underground</td>
<td>Equivalent technology</td>
<td>0009</td>
<td>Gasoline</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Tightness Test Method</th>
<th>Date Test</th>
<th>Next Test Date</th>
<th>Pipe Model</th>
<th>Modified By</th>
<th>Last Modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>NN</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>NRLOMBAR</td>
<td>11/02/2004</td>
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</table>

**Equipment Records:**

- B04 - Tank External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I02 - Overfill - High Level Alarm
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- H05 - Tank Leak Detection - In-Tank System (ATG)
- J01 - Dispenser - Pressurized Dispenser
- I04 - Overfill - Product Level Gauge (A/G)
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)

<table>
<thead>
<tr>
<th>Tank Number</th>
<th>Tank ID</th>
<th>Material Name</th>
<th>Capacity Gallons</th>
<th>Install Date</th>
<th>Date Tank Closed</th>
<th>Registered</th>
<th>Tank Location</th>
<th>Tank Type</th>
<th>Material Code</th>
<th>Common Name of Substance</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>67171</td>
<td>Closed - Removed</td>
<td>12000</td>
<td>Not reported</td>
<td>12/01/2003</td>
<td>True</td>
<td>Underground</td>
<td>Equivalent technology</td>
<td>0009</td>
<td>Gasoline</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tightness Test Method</th>
<th>Date Test</th>
<th>Next Test Date</th>
<th>Pipe Model</th>
<th>Modified By</th>
<th>Last Modified</th>
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<tr>
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<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>NRLOMBAR</td>
<td>11/02/2004</td>
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</tbody>
</table>

**Equipment Records:**

- B04 - Tank External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- I02 - Overfill - High Level Alarm
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- I04 - Overfill - Product Level Gauge (A/G)
### MAP FINDINGS

**Map ID**

<table>
<thead>
<tr>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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</thead>
<tbody>
<tr>
<td>Z206</td>
<td>SSW</td>
<td>1/8-1/4</td>
<td>1244 ft.</td>
<td>Site 3 of 5 in cluster Z</td>
<td>1007990531</td>
</tr>
</tbody>
</table>

**Handler Activities Summary:**
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No

**Handler Description:**

- **Classification:** Small Small Quantity Generator
- **Description:** Handler: generates more than 100 kg and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 100 kg of hazardous waste at any time

**Owner/Operator Summary:**

<table>
<thead>
<tr>
<th>Owner/operator name:</th>
<th>NO NAME FOUND</th>
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</thead>
<tbody>
<tr>
<td>Owner/operator address:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner/operator country:</td>
<td>US</td>
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<tr>
<td>Owner/operator telephone:</td>
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<tr>
<td>Legal status:</td>
<td>Private</td>
</tr>
<tr>
<td>Owner/Operator Type:</td>
<td>Owner</td>
</tr>
<tr>
<td>Owner/Op start date:</td>
<td>01/18/2005</td>
</tr>
<tr>
<td>Owner/Op end date:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner/operator name:</th>
<th>NO NAME FOUND</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Owner/Operator Type:</td>
<td>Operator</td>
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<tr>
<td>Owner/Op start date:</td>
<td>01/18/2005</td>
</tr>
<tr>
<td>Owner/Op end date:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**RCRA-SQG:**

- **Date form received by agency:** 01/01/2007
- **Facility name:** B P PRODUCTS NORTH AMERICA #48374
- **Facility address:** 115 E 138TH ST BRONX, NY 10451
- **EPA ID:** NYR000130468
- **Mailing address:** PO BOX 6038 ARTESTA, NY 907026038
- **Contact:** PAULA SKRYJA
- **Contact address:** PO BOX 6038 ARTESTA, NY 907026038
- **Contact country:** US
- **Contact telephone:** (410) 551-6074
- **Contact email:** Not reported

**EPA Region:** 02

**Classification:** Small Small Quantity Generator

**Facility address:** 115 E 138TH ST BRONX, NY 10451

**Facility name:** B P PRODUCTS NORTH AMERICA #48374

**Owner/Operator Type:**
- **Owner**
- **Operator**

**Handler:**
- **Classification:** Small Small Quantity Generator
- **Description:** Handler: generates more than 100 kg and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 100 kg of hazardous waste at any time

**Contact:**
- **Name:** PAULA SKRYJA
- **Address:** 10451 115 E 138TH ST ARTESTA, NY 907026038
- **Telephone:** (410) 551-6074
- **Email:** Not reported
B P PRODUCTS NORTH AMERICA #48374 (Continued)

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: B P PRODUCTS NORTH AMERICA #48374
Classification: Not a generator, verified

Date form received by agency: 01/31/2005
Site name: B P PRODUCTS NORTH AMERICA #48374
Classification: Conditionally Exempt Small Quantity Generator

- Waste code: D001
  - Waste name: IGNITABLE WASTE
- Waste code: D018
  - Waste name: BENZENE

Violation Status: No violations found

NJ MANIFEST:
EPA Id: NYR000130468
Mail Address: P.O. BOX 80249
Mail City/State/Zip: SANTA MARGARITA 92688
Facility Phone: 9494605200
Emergency Phone: Not reported
Contact: FRANK LOBELLO
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: NJA5246524
EPA ID: NYR000130468
Date Shipped: 04/07/2006
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000023036
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported

EDR ID Number: 1007990531
B P PRODUCTS NORTH AMERICA #48374 (Continued)

Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 04/07/2006
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 04/07/2006
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 07130622
Was Load Rejected: SANTA MARGARITA 92688
Reason Load Was Rejected: Not reported

Manifest Number: 001274737JJK
EPA ID: NYR0000130468
Date Shipped: 10/21/2008
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000023036
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 10/21/2008
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 10/21/2008
TSDF EPA Facility Name: Not reported
B P PRODUCTS NORTH AMERICA #48374 (Continued)

QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: SANTA MARGARITA 92688
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D018
Hand Code: H141
Quantity: 200 P

NY MANIFEST:
Country: USA
EPA ID: NYR000130468
Facility Status: Not reported
Location Address 1: 115 E 178TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000130468
Mailing Name: BP PRODUCTS OF NORTH AMERICA AMOCO 48374
Mailing Contact: N/S
Mailing Address 1: PO BOX 80249
Mailing Address 2: Not reported
Mailing City: RANCHO SANTA MARGARITA
Mailing State: CA
Mailing Zip: 92688
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9494605200

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NJR0000023036
Trans2 State ID: Not reported
B P PRODUCTS NORTH AMERICA #48374 (Continued)

Generator Ship Date: 10/21/2008
Trans1 Recv Date: 10/21/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/21/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000130468
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 001274737JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: Y
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 200.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D018
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access
1 additional NY_MANIFEST: record(s) in the EDR Site Report.
### GASETERIA (Continued)

<table>
<thead>
<tr>
<th>Spill Class:</th>
<th>Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cleanup Ceased:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cleanup Meets Standard:</td>
<td>False</td>
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<tr>
<td>SWIS:</td>
<td>0301</td>
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<tr>
<td>Investigator:</td>
<td>aaobjiga</td>
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<tr>
<td>Referred To:</td>
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<tr>
<td>Reported to Dept:</td>
<td>2002-10-24</td>
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<td>CID:</td>
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<td>Water Affected:</td>
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<td>Spill Notifier:</td>
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<td>UST Involvement:</td>
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<td>Date Entered In Computer:</td>
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<td>GASETERIA</td>
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<tr>
<td>Spiller Address:</td>
<td>1 WEST PENN AVENUE</td>
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<tr>
<td>Spiller City,St,Zip:</td>
<td>TOWSON, MD 21204</td>
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<tr>
<td>Spiller County:</td>
<td>001</td>
</tr>
<tr>
<td>Spiller Contact:</td>
<td>JEFF BEAUDETTE</td>
</tr>
<tr>
<td>Spiller Phone:</td>
<td>(800) 666-2695</td>
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<td>Spiller Extention:</td>
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<td>DEC Region:</td>
<td>2</td>
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<tr>
<td>DER Facility ID:</td>
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<tr>
<td>DEC Memo:</td>
<td>“Prior to Sept. 2004 data translation this spill Lead_DEC Field was VOUTH DEC Sigona sent a notice regarding the tank test failure on 10/24/2002. BP PRODUCTS NORTH AMERICA, INC. SUITE 410, 1 WEST PENNSYLVANIA AVENUE TOWSON, MD 21204 ATTN: PAULA SKRYJAJ see also spill 9408104 10/24/02 Tightness test on tanks/lines and leak detectors - Two regular USTs and two super USTs failed on ullage bubbles. Stage II was not tested because of ullage problems on the tanks. Dispenser #8 taken out of service because it pumps gas into vapor line when pump handle is off. Reviewed 11/20/02 tank re-test results (received 1/8/03). Retested two regular unleaded and two premium unleaded USTs. All passed. Stage II was not tested because piping system needs to be reconfigured. 12/15/03 Left Paula Skryja voicemail message inquiring about status of site. PBS information shows five unleaded gas USTs were removed. 12/15/03 Spoke with Paula Skryja. Site was taken over from Gaseteria in August 2002. Some repairs were made to risers, no tank problems. Station was temporarily shut down until raze and rebuild. Gaseteria removed tanks 1.5 weeks ago. BP was on-site to oversee tank removal. Station to be back in service March 2004. Paula to forward information regarding initial TTF. (KMF) 12/26/03 Received information from Paula Skryja, BP regulatory assurance specialist. Tanks retested and passed on 11/20/02. Details of UST removal should be obtained from Gaseteria. (KMF) 9/19/05 - Spill transferred from Vought to Obligado 12/5/05 - Obligado - File Review: Baseline Assessment Report, submitted by Delta, 12/2/05. At time of assessment, site was an active GASETERIA service station with 4 4000 gallon gasoline USTs and 1 4000 gallon diesel USTs, 3 pump islands. Surrounding landuse is commercial. Sensitive receptor show Harlem River 500 ft south west of site. Closest school is 1400 ft northeast of site. Bedrock located at 8 to 12 ft below ground surface. Water is located in bedrock fractures</td>
</tr>
</tbody>
</table>
between 8 and 15 ft bgs. Gw flows to southwest. Five soil borings conducted on Dec. 20, 2001. Only soil exceedences in one soil boring SB-3 (9-10.2) with 5880 ppb xylenes and 16,100 ppb naphthalene. Total VOCs 81,402 ppb. Three temporary wells installed. Notable ground water results in ppb: (2/6 and 4/19/02) MW1 - benzene 233, ethylbenzene 539, MTBE 3070 MW2 - benzene 52.3, toluene 48, ethylbenzene 575, xylenes 1810, MTBE 122 MW3 - MTBE 50.2 (8/15/02) MW1 - benzene 205, ethylbenzene 435, MTBE 11000 MW2 - benzene 168, ethylbenzene 203, xylene 84.8 MW3 - MTBE 294 UST Closure Report, submitted by AGS, 12/03. On 11/20/03, 5,000 gallon tanks excavated, Pump islands, piping, vent lines removed. 5 endpoint soil samples collected. Impacts in only one soil sample, UST - SW Bottom, showing 5200 ppb xylenes. SVOC exceedences as well. One gw sample collected from pit water, showing 6.8 ppb benzene, 27 ppb ethylbenzene, 181 ppb xylenes, 89 ppb toluene. Excavated soil was reused as backfill. Recommends preparation of a Subsurface Investigation Work Plan to investigate and delineate the detected contaminates. UST Closure Report Addendum, submitted by AGS, 12/03. Letter report documents collection of seven samples below former seven dispensers and collection of 5 samples at various pipin glocations. VOCs impacts were not detected. SVOCs were detected mostly PAHs. UST Closure Report Addendum No. 2, submitted by AGS, 9/04. Details discovery and abandonment of 3 unregistered and abandoned 550 gallon USTS. PBS registration number 2-191361 assigned on 9/3/04. 425 gallons of non DOT regulated waste liquid was removed from the two tanks. 3 soil samples were collected around the UST. USTs abandoned by filling with concrete slurry. No VOC exceedences detected from soil samples, minor PAH exceedences. Upon completion of the rebuilding activities AGS will prepare a Subsurface Investigation Work Plan to investigate and delineate the detected contaminants. 12/7/05 - Meeting with ASR, Gaseteria, DEC. This site is scheduled for investigation in summer 2006. 9/12/06 - Obligado - Emailed multi-site stipulation agreement to Gaseteria on 9/8/06. Sent original on 9/12/06. Due date for workplan is 4/1/06. 6/1/07 - Obligado - Phone conversation with Steve Muller to discuss schedule. New due date for workplan is 8/1/07. 9/25/07 - Obligado - Spoke to Steve Muller about this site. He requested proposing a workplan to collect samples from tank mat wells to determine if there is ground water contamination. I told him I would not accept this work plan and he must submit a workplan for well installation. He said he would submit the workplan today. 9/26/07 - Obligado - Received the Investigation Work Plan. 10/26/07 - Obligado - Reviewed the Subsurface Investigation Work Plan. It proposes installation of 4 monitoring wells, collection of soil and ground water samples for 8260/8270 , well survey, and submission of summary report within 60 days. Sent approval email to Steve Muller. 1/30/08 - Obligado - Reviewed Subsurface Investigation Report. 3 monitoring wells were installed. Tank mat wells MWNW and MWSE were also sampled. Soil borings performed above bedrock and samples collected. MWs were installed into bedrock. No VOC impacts in soil above bedrock was above standards, minor SVOC impacts which may be attributable to fill. Ground water impacts in 2 of 5 wells. Tank mat wells MWNW and MWSE were also sampled. Max BTEX is 579 at MW3, 247 at MWSE. The report recommends monitoring for 2 more quarters. I approved the report but required monitoring for 4 quarters at minimum. 9/20/08 - Obligado - Review 1Q08 monitoring report. BTEX from ND to 272 ug/L. MTBE from ND to 9 ug/L. Will continue monitoring, 12/15/08 - Obligado - Meeting with Gaseteria/ASR/DEC.
GASETERIA (Continued)

Gaseteria will submit Closure Petition. 2/2/09 - Obligado - Closure petition submitted. 9/14/09 - Obligado - Sent letter rejecting closure petition. Required soil borings in the vicinity of the tanks to document complete removal of contaminated soil, continued sampling of ground water for at least 2 more quarters. 3/12/10 - Obligado - JCB submitted a work plan to install 2 borings and collect soil and ground water samples in the vicinity of the USTs to document contaminated soil removal. I sent an approval letter to JCB via email. I report will be submitted within 90 days. 4/7/11 - Obligado - I reviewed the RIR report. Soil contamination found in soil boring SB4 adjacent to MWSE. GW samples were collected and BTEX in SB4 was 287 ug/L. During the most recent monitoring event, elevated ground water concentrations detected in MWSE. BTEX was detected at 1591 ug/L in MWSE, including 560 ug/L Benzene. Concentrations in this well have been steadily increasing throughout 2010. I emailed Steve Muller to request the most recent data. 8/7/13 - Obligado - I reviewed the 1st Quarter 2013 report. Maximum BTEX concentrations are 51 ug/L. The report requests closures due to minimal exceedences. Concentrations have been consistently decreasing. This spill no longer appears to be a threat to human health and the environment. This spill is closed. Spill Closure Letter sent to Porcelli.

Remarks:
"PIPING PROBLEM - RECOMMEND UNCOVER ISOLATE AND RETEST"

Material:
- Site ID: 97236
- Operable Unit ID: 860553
- Operable Unit: 01
- Material ID: 514693
- Material Code: 0009
- Material Name: gasoline
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: .00
- Units: Gallons
- Recovered: .00
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:
- Site ID: 97236
- Spill Tank Test: 1527614
- Tank Number: 1-4
- Tank Size: 4000
- Test Method: 14
- Leak Rate: .00
- Gross Fail: F
- Modified By: Spills
- Last Modified: Not reported
- Test Method: VacuTest

SPILLS:
- Facility ID: 9408104
- Facility Type: ER
- DER Facility ID: 158352
- Site ID: 189745
### GASETERIA (Continued)

| DEC Region | 2 |
| Spill Date | 1994-09-14 |
| Spill Number/Closed Date | 9408104 / 2003-10-28 |
| Spill Cause | Other |
| Spill Class | Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. |
| SWIS | 0301 |
| Investigator | JMROMMEL |
| Referred To | Not reported |
| Reported to Dept | 1994-09-14 |
| CID | Not reported |
| Water Affected | Not reported |
| Spill Source | Gasoline Station or other PBS Facility |
| Spill Notifier | Responsible Party |
| Cleanup Ceased | Not reported |
| Cleanup Meets Std | False |
| Last Inspection | Not reported |
| Recommended Penalty | False |
| UST Trust | False |
| Remediation Phase | 0 |
| Date Entered In Computer | 1994-10-28 |
| Spill Record Last Update | 2004-01-07 |
| Spiller Name | Not reported |
| Spiller Company | GASETERIA |
| Spiller Address | 115 EAST 138TH STREET |
| Spiller City, St, Zip | BRONX, NY |
| Spiller Company ID | 001 |
| Contact Name | Not reported |
| Contact Phone | Not reported |
| DEC Memo | "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEC Memo: Willing Responsible Party. Corrective action taken."

**Remarks:**

- "TO TEST TANK (TOMASELLO)"
- "Willing Responsible Party. Corrective action taken."
- "Prior to Sept, 2004 data translation this spill Lead_DEC Field was"
- "ROMMEL to be investigated and remediated under spill 0207682 rommel"

### Material

| Site ID | 189745 |
| Operable Unit ID | 1002238 |
| Operable Unit | 01 |
| Material ID | 377548 |
| Material Code | 0009 |
| Material Name | gasoline |
| Case No | Not reported |
| Material FA | Petroleum |
| Quantity | 52.00 |
| Units | Gallons |
| Recovered | .00 |
| Resource Affected | Not reported |
| Oxygenate | Not reported |

**Tank Test:**
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<th>Value</th>
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<td>POWER CHEM. CO. INC.</td>
</tr>
<tr>
<td>Address</td>
<td>375 RIDER AVE, BRONX, NY 10451</td>
</tr>
<tr>
<td>CBS AST</td>
<td>CBS AST 1253 ft. Site 18 of 18 in cluster W</td>
</tr>
<tr>
<td>CBS Number</td>
<td>2-000026</td>
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<tr>
<td>Program Type</td>
<td>CBS</td>
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<td>Facility Status</td>
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<tr>
<td>Expiration Date</td>
<td>03/24/1999</td>
</tr>
<tr>
<td>Total Capacity of All Active Tanks (gal)</td>
<td>0</td>
</tr>
<tr>
<td>Operator</td>
<td>H. SCHWARTZ</td>
</tr>
<tr>
<td>Emergency Contact</td>
<td>H. SCHWARTZ</td>
</tr>
<tr>
<td>Emergency Phone</td>
<td>(516) 764-6869</td>
</tr>
<tr>
<td>Owner Name</td>
<td>POWER CHEM. CO. INC.</td>
</tr>
<tr>
<td>Owner Address</td>
<td>375 RIDER AVE</td>
</tr>
<tr>
<td>Owner City, St, Zip</td>
<td>BRONX, NY 10451</td>
</tr>
<tr>
<td>Owner Telephone</td>
<td>(212) 292-4320</td>
</tr>
<tr>
<td>Owner Type</td>
<td>Corporate/Commercial</td>
</tr>
<tr>
<td>Owner Sub Type</td>
<td>Not reported</td>
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<tr>
<td>Mail Name</td>
<td>POWER CHEM. CO. INC.</td>
</tr>
<tr>
<td>Mail Contact Addr</td>
<td>375 RIDER AVE</td>
</tr>
<tr>
<td>Mail Contact Addr2</td>
<td>Not reported</td>
</tr>
<tr>
<td>Mail Contact Contact</td>
<td>H. SCHWARTZ</td>
</tr>
<tr>
<td>Mail Contact City, St, Zip</td>
<td>BRONX, NY 10451</td>
</tr>
<tr>
<td>Mail Phone</td>
<td>(212) 292-4320</td>
</tr>
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<td>CAS Number</td>
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<tr>
<td>Capacity (Gal)</td>
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<td>Tank Secondary Containment</td>
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POWER CHEM. CO. INC. (Continued)

Certified Date: 12/17/1996
Substance: Single Hazardous Substance on DEC List
Internal Protection: None
External Protection: None
Pipe Location: Aboveground
Pipe Type: Steel/Iron
Pipe Internal: None
Pipe External: None
Pipe Flag: None
Leak Detection: Other
Overfill Protection: Automatic Shut-off
Haz Percent: 100
Last Test: Not reported
Due Date: Not reported
SWIS Code: 6001
Lat/Long: Not reported
Is Updated: False
Renew Date: 04/19/93
Is It There: False
Delinquent: False
Date Expired: 03/24/95
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 12/04/1996

Z209 GRAND CONCOUR/CARROLL PL. NY LTANKS S100494202
South 118 GRAND CONCOURSE N/A
1/8-1/4 BRONX, NY 0.238 mi.
1258 ft. Site 5 of 5 in cluster Z

Relative: LTANKS:
Lower Site ID: 255100
Actual: Spill Number/Closed Date: 9208519 / 2003-03-20
Spill Date: 1992-10-22
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: MITCHELL
Referral To: Not reported
Reported to Dept: 1992-10-23
CID: Not reported
Water Affected: Not reported
Spill Notifyer: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered in Computer: 1992-10-27
Spill Record Last Update: 2003-03-20
Spiller Name: Not reported
Spiller Company: Not reported
### GRAND CONCOUR/CARROLL PL. (Continued)

<table>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Spiller City, St, Zip</td>
<td><em><strong>Update</strong></em>, ZZ</td>
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<tr>
<td>Spiller County</td>
<td>001</td>
</tr>
<tr>
<td>Spiller Contact</td>
<td>Not reported</td>
</tr>
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<td>Spiller Phone</td>
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<td>Spiller Extention</td>
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<tr>
<td>DEC Region</td>
<td>2</td>
</tr>
<tr>
<td>DER Facility ID</td>
<td>208955</td>
</tr>
<tr>
<td>DEC Memo</td>
<td>&quot;DURING TANK PULL CONTAMINATED SOIL DISCOVERED-SPILL SETS ON CLAY &amp; ROCK-5K TANK MAY HAVE WEAK SEAM -TANK GONE-STOCKPILED, TESTED &amp; DISPOSE- NEW ADDRESS:118 GRAND CONCOURSE,BRONX,10456&quot;</td>
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<tr>
<td>Material:</td>
<td></td>
</tr>
<tr>
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<td>255100</td>
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<tr>
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<td>0001A</td>
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<td>Material Name:</td>
<td>#2 fuel oil</td>
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<td>Units:</td>
<td>Pounds</td>
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<td>Recovered:</td>
<td>.00</td>
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<td>Resource Affected:</td>
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<tr>
<td>Oxygenate:</td>
<td>Not reported</td>
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**Tank Test:**

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<th>Field</th>
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<td>RCRA-SQG</td>
<td>1004755825</td>
</tr>
<tr>
<td>Facility name</td>
<td>NYS ARMORY</td>
</tr>
<tr>
<td>Facility address</td>
<td>5TH AVE</td>
</tr>
<tr>
<td>EPA ID</td>
<td>NY0000452995</td>
</tr>
<tr>
<td>Mailing address</td>
<td>OLD NISKAYUNA RD</td>
</tr>
<tr>
<td>Mailing address</td>
<td>NYS DIV OF MILITARY &amp; NAVAL AF</td>
</tr>
<tr>
<td>Mailing address</td>
<td>LATHAM, NY 12110224</td>
</tr>
<tr>
<td>Contact</td>
<td>HEIDI M GABEL</td>
</tr>
<tr>
<td>Contact address</td>
<td>OLD NISKAYUNA RD</td>
</tr>
<tr>
<td>Contact address</td>
<td>LATHAM, NY 12110224</td>
</tr>
<tr>
<td>Contact country</td>
<td>US</td>
</tr>
<tr>
<td>Contact telephone</td>
<td>(518) 786-4347</td>
</tr>
<tr>
<td>Contact email</td>
<td><a href="mailto:HEIDI.GABEL@NY.NGB.ARMY.MIL">HEIDI.GABEL@NY.NGB.ARMY.MIL</a></td>
</tr>
<tr>
<td>EPA Region</td>
<td>02</td>
</tr>
<tr>
<td>Classification</td>
<td>Small Small Quantity Generator</td>
</tr>
<tr>
<td>Description</td>
<td>Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste</td>
</tr>
</tbody>
</table>
NYS ARMORY (Continued) 1004755825

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NYS DIV MILITARY & NAVAL AFFAIRS
Owner/operator address: OLD NISKAYUNA RD
LATHAM, NY 12110
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Federal
Operator Type: Operator
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

Owner/operator name: NYS DIVISION OF MILITARY & NAVAL AFFAIRS
Owner/operator address: OLD NISKAYUNA RD
LATHAM, NY 12110
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Federal
Operator Type: Owner
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NYS ARMORY
Classification: Large Quantity Generator

Date form received by agency: 01/29/2004
Site name: NYS ARMORY
Classification: Large Quantity Generator

Waste code: D008
Waste name: LEAD

Date form received by agency: 11/20/1995
Site name: NYS DIV MILITARY NAVAL AFFAIRS
Classification: Conditionally Exempt Small Quantity Generator
NYS ARMORY (Continued)

- Waste code: D001
- Waste name: IGNITABLE WASTE

Violation Status: No violations found

UST:
Id/Status: 2-392065 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 589878.80249
UTM Y: 4519000.02424
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:
Site Id: 18894
Affiliation Type: Mail Contact
Company Name: NYS DIVISION MILITARY & NAVAL AFFAIRS
Contact Type: Not reported
Contact Name: HEIDI UNWIN
Address1: 330 OLD NISKAYUNA ROAD
Address2: Not reported
City: LATHAM
State: NY
Zip Code: 12110
Country Code: 001
Phone: (518) 786-4347
EMail: HEIDI.M.UNWIN@MAIL.MIL
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Site Id: 18894
Affiliation Type: On-Site Operator
Company Name: NEW YORK STATE ARMORY
Contact Type: Not reported
Contact Name: MICHAEL SAVAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (518) 786-4552
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Site Id: 18894
Affiliation Type: Emergency Contact
Company Name: NYS DIVISION OF MILITARY & NAVAL AFFAIRS
Contact Type: Not reported
Contact Name: MICHAEL SAVAGE
Address1: Not reported
Address2: Not reported
City: Not reported
### NYS ARMORY (Continued)

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Zip Code:</td>
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</tr>
<tr>
<td>Country Code:</td>
<td>999</td>
</tr>
<tr>
<td>Phone:</td>
<td>(518) 786-4552</td>
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<tr>
<td>EMail:</td>
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</tr>
<tr>
<td>Fax Number:</td>
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<tr>
<td>Modified By:</td>
<td>NRLOMBAR</td>
</tr>
<tr>
<td>Date Last Modified:</td>
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<tr>
<td>Affiliation Type:</td>
<td>Facility Owner</td>
</tr>
<tr>
<td>Company Name:</td>
<td>NYS DIVISION OF MILITARY &amp; NAVAL AFFAIRS</td>
</tr>
<tr>
<td>Contact Type:</td>
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<tr>
<td>Address1:</td>
<td>330 OLD NISKAYUNA RD</td>
</tr>
<tr>
<td>Address2:</td>
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<tr>
<td>City:</td>
<td>LATHAM</td>
</tr>
<tr>
<td>State:</td>
<td>NY</td>
</tr>
<tr>
<td>Zip Code:</td>
<td>12110</td>
</tr>
<tr>
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<td>001</td>
</tr>
<tr>
<td>Phone:</td>
<td>(518) 786-4552</td>
</tr>
<tr>
<td>EMail:</td>
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<td>NRLOMBAR</td>
</tr>
<tr>
<td>Date Last Modified:</td>
<td>2015-04-22</td>
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**Tank Info:**

| Tank Number: | 003 |
| Tank ID: | 9308 |
| Tank Status: | Closed - Removed |
| Material Name: | Closed - Removed |
| Capacity Gallons: | 500 |
| Install Date: | Not reported |
| Date Tank Closed: | 10/01/1993 |
| Registered: | True |
| Tank Location: | Underground |
| Tank Type: | Steel/carbon steel |
| Material Code: | 0001 |
| Common Name of Substance: | #2 Fuel Oil (On-Site Consumption) |
| Tightness Test Method: | NN |
| Date Test: | Not reported |
| Next Test Date: | Not reported |
| Pipe Model: | Not reported |
| Modified By: | TRANSLAT |
| Last Modified: | 03/04/2004 |

---

**Equipment Records:**

- H00 - Tank Leak Detection - None
- G00 - Tank Secondary Containment - None
- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- F00 - Pipe External Protection - None
- B00 - Tank External Protection - None
- I04 - Overfill - Product Level Gauge (A/G)
### NYS ARMORY (Continued)

<table>
<thead>
<tr>
<th>Equipment Records:</th>
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| Tank Number:       | 004  
| Tank ID:           | 42684  
| Tank Status:       | Closed - Removed  
| Material Name:     | Closed - Removed  
| Capacity Gallons:  | 500  
| Install Date:      | Not reported  
| Date Tank Closed:  | 10/01/1993  
| Registered:        | True  
| Tank Location:     | Underground  
| Tank Type:         | Steel/carbon steel  
| Material Code:     | 0008  
| Common Name of Substance: | Diesel  
| Tightness Test Method: | NN  
| Date Test:         | Not reported  
| Next Test Date:    | Not reported  
| Pipe Model:        | Not reported  
| Modified By:       | TRANSLAT  
| Last Modified:     | 03/04/2004  

### Equipment Records:

- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
- H99 - Tank Leak Detection - Other
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

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| Tank Number:       | 005  
| Tank ID:           | 42685  
| Tank Status:       | Closed - Removed  
| Material Name:     | Closed - Removed  
| Capacity Gallons:  | 500  
| Install Date:      | Not reported  
| Date Tank Closed:  | 10/01/1993  
| Registered:        | True  
| Tank Location:     | Underground  
| Tank Type:         | Steel/carbon steel  
| Material Code:     | 0008  
| Common Name of Substance: | Diesel  
| Tightness Test Method: | NN  
| Date Test:         | Not reported  
| Next Test Date:    | Not reported  
| Pipe Model:        | Not reported  
| Modified By:       | TRANSLAT  
| Last Modified:     | 03/04/2004  

### Equipment Records:

- A00 - Tank Internal Protection - None
- G00 - Tank Secondary Containment - None
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<tr>
<td>Contact Name</td>
<td>HEIDI UNWIN</td>
</tr>
<tr>
<td>Address1</td>
<td>330 OLD NISKAYUNA ROAD</td>
</tr>
<tr>
<td>Address2</td>
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</tr>
<tr>
<td>City</td>
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</tr>
<tr>
<td>State</td>
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<tr>
<td>Zip Code</td>
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</tr>
<tr>
<td>Country Code</td>
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</tr>
<tr>
<td>Phone</td>
<td>(518) 786-4347</td>
</tr>
<tr>
<td>EMail</td>
<td><a href="mailto:HEIDI.M.UNWININTG@MAIL.MIL">HEIDI.M.UNWININTG@MAIL.MIL</a></td>
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### F00 - Pipe External Protection - None

- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- H99 - Tank Leak Detection - Other
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
NYS ARMORY (Continued)

Contact Type: Not reported
Contact Name: MICHAEL SAVAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 12110
Phone: (518) 786-4552
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Site Id: 18894
Affiliation Type: Facility Owner
Company Name: NYS DIVISION OF MILITARY & NAVAL AFFAIRS
Contact Type: Not reported
Contact Name: Not reported
Address1: 330 OLD NISKAYUNA RD
Address2: Not reported
City: LATHAM
State: NY
Zip Code: 12110
Country Code: 001
Phone: (518) 786-4552
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-22

Tank Info:

Tank Number: 001
Tank Id: 9306
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 02/03/1969
NYS ARMORY (Continued) 1004755825

Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/13/2015
Register: True
Modified By: NRLOMBAR
Last Modified: 04/22/2015
Material Name: Not reported

Tank Number: 002
Tank Id: 9307
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 02/03/1969
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/13/2015
Register: True
Modified By: NRLOMBAR
Last Modified: 04/22/2015
Material Name: Not reported

NY MANIFEST:
Country: USA
EPA ID: NY0000452995
Facility Status: Not reported
Location Address 1: 2366 5TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10037
Location Zip 4: Not reported
NY MANIFEST:  
EPAID:  NY0000452995  
Mailing Name:  NYS DIV MILITARY NAVAL AFFAIRS  
Mailing Contact:  JOHN L MARSHALL  
Mailing Address 1:  2366 5TH AVE  
Mailing Address 2:  Not reported  
Mailing City:  NEW YORK  
Mailing State:  NY  
Mailing Zip:  10037  
Mailing Zip 4:  Not reported  
Mailing Country:  USA  
Mailing Phone:  2122349290

NY MANIFEST:  
Document ID:  Not reported  
Manifest Status:  Not reported  
seq:  Not reported  
Year:  2013  
Trans1 State ID:  NYD986938645  
Trans2 State ID:  Not reported  
Generator Ship Date:  04/30/2013  
Trans1 Recv Date:  04/30/2013  
Trans2 Recv Date:  Not reported  
TSD Site Recv Date:  05/02/2013  
Part A Recv Date:  Not reported  
Part B Recv Date:  Not reported  
Generator EPA ID:  NY0000452995  
Trans1 EPA ID:  Not reported  
Trans2 EPA ID:  Not reported  
TSDF ID 1:  NYD049836679  
TSDF ID 2:  Not reported  
Manifest Tracking Number:  001928619GBF  
Import Indicator:  N  
Export Indicator:  N  
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Discr Type Indicator:  N  
Discr Residue Indicator:  N  
Discr Partial Reject Indicator:  N  
Discr Full Reject Indicator:  N  
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Alt Facility RCRA ID:  Not reported  
Alt Facility Sign Date:  Not reported  
MGMT Method Type Code:  H132  
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Waste Code:  D008  
Units:  P - Pounds  
Number of Containers:  2  
Container Type:  DM - Metal drums, barrels  
Handling Method:  T Chemical, physical, or biological treatment.  
Specific Gravity:  1  
Quantity:  120
NYS ARMORY (Continued)

Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access
28 additional NY_MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:
EPA Id: NY0000452995
Mail Address: 2366 5TH AVENUE
Mail City/State/Zip: NEW YORK 10037
Facility Phone: 9177164367
Emergency Phone: Not reported
Contact: MARY BETH GANNON
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: NJAS258792
EPA ID: NY0000452995
Date Shipped: 07/19/2005
TSDF EPA ID: NJD002200046
Transporter EPA ID: NY0001031814
Transporter 2 EPA ID: NJ0000027193
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
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Date Trans1 Transported Waste: 07/19/2005
Date Trans2 Transported Waste: 07/25/2005
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
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Date Trans6 Transported Waste: Not reported
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Date Trans9 Transported Waste: Not reported
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TSDF EPA Facility Name: Not reported
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Date Trans1 Transported Waste: 01/12/2004
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Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 01/12/2004
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
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Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 04060422
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Manifest Number: NJA5047486
EPA ID: NY0000452995
Date Shipped: 01/09/2004
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Date Trans1 Transported Waste: 01/09/2004
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**Waste:**

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| Hand Code:           | H141 |
| Quantity:            | 60 P  |

| Waste Code:          | D002 |
| Hand Code:           | H141 |
| Quantity:            | 10 P  |

| Waste Code:          | D001 |
| Hand Code:           | H061 |
| Quantity:            | 150 P |

| Waste Code:          | F005 |
| Hand Code:           | H061 |
| Quantity:            | 350 P |

**Manifest Number:** NJA5047484
**EPA ID:** NY0000452995
**Date Shipped:** 01/14/2004
**TSDF EPA ID:** NJD991291105

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- Transporter 3 EPA ID: Not reported
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TC5022723.2s  Page 574
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- **Data Entry Number:** Not reported
- **Was Load Rejected:** NEW YORK 10037
- **Reason Load Was Rejected:** Not reported

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<td>VAL ANTONUCCI</td>
<td>5TH AVE</td>
<td>US</td>
<td>(516) 680-6133</td>
<td><a href="mailto:VAL.ANTONUCCI@OGS.NY.GOV">VAL.ANTONUCCI@OGS.NY.GOV</a></td>
<td>02</td>
<td>Small Small Quantity Generator</td>
<td>Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time</td>
</tr>
</tbody>
</table>

**Owner/Operator Summary:**
- **Owner/operator name:** STATE ARMORY
- **Owner/operator address:** Not reported
- **Owner/operator country:** US
- **Owner/operator telephone:** Not reported
- **Legal status:** State
NEW YORK STATE ARMORY (Continued)

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner/Operator Type</td>
<td>Owner</td>
</tr>
<tr>
<td>Owner/Op start date</td>
<td>01/20/1920</td>
</tr>
<tr>
<td>Owner/Op end date</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner/operator name</td>
<td>STATE ARMORY</td>
</tr>
<tr>
<td>Owner/operator address</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner/operator country</td>
<td>US</td>
</tr>
<tr>
<td>Owner/operator telephone</td>
<td>Not reported</td>
</tr>
<tr>
<td>Legal status</td>
<td>State</td>
</tr>
<tr>
<td>Owner/Operator Type</td>
<td>Operator</td>
</tr>
<tr>
<td>Owner/Op start date</td>
<td>01/20/1920</td>
</tr>
<tr>
<td>Owner/Op end date</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

- Waste code: D008
- Waste name: LEAD

Violation Status: No violations found

FINDS:
- Registry ID: 110058881250

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**Click this hyperlink** while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
- Envid: 1016455625
- Registry ID: 110058881250
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110058881250
NEW YORK STATE ARMORY (Continued)

NY MANIFEST:
- **Country:** USA
- **EPA ID:** NYR000207282
- **Facility Status:** Not reported
- **Location Address 1:** 2366 5TH AVE
- **Code:** BP
- **Location Address 2:** Not reported
- **Total Tanks:** Not reported
- **Location City:** NEW YORK
- **Location State:** NY
- **Location Zip:** 10037
- **Location Zip 4:** Not reported

NY MANIFEST:
- **EPA ID:** NYR000207282
- **Mailing Name:** NEW YORK STATE ARMORY
- **Mailing Contact:** NEW YORK STATE ARMORY
- **Mailing Address 1:** 2366 5TH AVE
- **Mailing Address 2:** Not reported
- **Mailing City:** NEW YORK
- **Mailing State:** NY
- **Mailing Zip:** 10037
- **Mailing Zip 4:** Not reported
- **Mailing Country:** USA
- **Mailing Phone:** 2013623425

NY MANIFEST:
- **Document ID:** Not reported
- **Manifest Status:** Not reported
- **seq:** Not reported
- **Year:** 2016
- **Trans1 State ID:** NYD986938645
- **Trans2 State ID:** PAD146714878
- **Generator Ship Date:** 04/12/2016
- **Trans1 Recv Date:** 04/12/2016
- **Trans2 Recv Date:** 04/19/2016
- **TSD Site Recv Date:** 04/20/2016
- **Part A Recv Date:** Not reported
- **Part B Recv Date:** Not reported
- **Generator EPA ID:** NYR000207282
- **Trans1 EPA ID:** Not reported
- **Trans2 EPA ID:** Not reported
- **TSDF ID 1:** NYD049836679
- **TSDF ID 2:** Not reported
- **Manifest Tracking Number:** 002921863GBF
- **Import Indicator:** N
- **Export Indicator:** N
- **Discr Quantity Indicator:** N
- **Discr Type Indicator:** N
- **Discr Residue Indicator:** N
- **Discr Partial Reject Indicator:** N
- **Discr Full Reject Indicator:** N
- **Manifest Ref Number:** Not reported
- **Alt Facility RCRA ID:** Not reported
- **Alt Facility Sign Date:** Not reported
- **MGMT Method Type Code:** H141
- **Waste Code:** Not reported

NY MANIFEST:
- **Country:** USA
- **EPA ID:** NYR000207282
- **Facility Status:** Not reported
- **Location Address 1:** 2366 5TH AVE
- **Code:** BP
- **Location Address 2:** Not reported
- **Total Tanks:** Not reported
- **Location City:** NEW YORK
- **Location State:** NY
- **Location Zip:** 10037
- **Location Zip 4:** Not reported

NY MANIFEST:
- **EPA ID:** NYR000207282
- **Mailing Name:** NEW YORK STATE ARMORY
- **Mailing Contact:** NEW YORK STATE ARMORY
- **Mailing Address 1:** 2366 5TH AVE
- **Mailing Address 2:** Not reported
- **Mailing City:** NEW YORK
- **Mailing State:** NY
- **Mailing Zip:** 10037
- **Mailing Zip 4:** Not reported
- **Mailing Country:** USA
- **Mailing Phone:** 2013623425

NY MANIFEST:
- **Document ID:** Not reported
- **Manifest Status:** Not reported
- **seq:** Not reported
- **Year:** 2016
- **Trans1 State ID:** NYD986938645
- **Trans2 State ID:** PAD146714878
- **Generator Ship Date:** 04/12/2016
- **Trans1 Recv Date:** 04/12/2016
- **Trans2 Recv Date:** 04/19/2016
- **TSD Site Recv Date:** 04/20/2016
- **Part A Recv Date:** Not reported
- **Part B Recv Date:** Not reported
- **Generator EPA ID:** NYR000207282
- **Trans1 EPA ID:** Not reported
- **Trans2 EPA ID:** Not reported
- **TSDF ID 1:** NYD049836679
- **TSDF ID 2:** Not reported
- **Manifest Tracking Number:** 002921863GBF
- **Import Indicator:** N
- **Export Indicator:** N
- **Discr Quantity Indicator:** N
- **Discr Type Indicator:** N
- **Discr Residue Indicator:** N
- **Discr Partial Reject Indicator:** N
- **Discr Full Reject Indicator:** N
- **Manifest Ref Number:** Not reported
- **Alt Facility RCRA ID:** Not reported
- **Alt Facility Sign Date:** Not reported
- **MGMT Method Type Code:** H141
- **Waste Code:** Not reported
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<th>Waste Code</th>
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</thead>
<tbody>
<tr>
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<td>Not reported</td>
</tr>
<tr>
<td>Quantity</td>
<td>90</td>
</tr>
<tr>
<td>Units</td>
<td>K - Kilograms (2.2 pounds)</td>
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<tr>
<td>Number of Containers</td>
<td>2</td>
</tr>
<tr>
<td>Container Type</td>
<td>DM - Metal drums, barrels</td>
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<tr>
<td>Handling Method</td>
<td>L Landfill.</td>
</tr>
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<td>Specific Gravity</td>
<td>1</td>
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<tr>
<td>Waste Code</td>
<td>B007</td>
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<tr>
<td>Waste Code 1_2</td>
<td>Not reported</td>
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<tr>
<td>Waste Code 1_3</td>
<td>Not reported</td>
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<tr>
<td>Waste Code 1_4</td>
<td>Not reported</td>
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<tr>
<td>Waste Code 1_5</td>
<td>Not reported</td>
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<tr>
<td>Waste Code 1_6</td>
<td>Not reported</td>
</tr>
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Click this hyperlink while viewing on your computer to access
1 additional NY_MANIFEST: record(s) in the EDR Site Report.

---

**NEW YORK STATE ARMORY** (Continued)

<table>
<thead>
<tr>
<th>Y212</th>
<th>ECOLOGY RECYCLING PLANT</th>
<th>NY SWRCY</th>
<th>S105842268</th>
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<tbody>
<tr>
<td>SSE</td>
<td>321 CANAL PLACE</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>1/8-1/4</td>
<td>BRONX, NY 10451</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.240 mi.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1265 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site 2 of 2 in cluster Y</td>
<td></td>
<td></td>
<td></td>
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</table>

**Relative:** Lower

- **Actual:** 17 ft.

- Region: 2
- Facility Address 2: Not reported
- Phone Number: 2126650770
- Owner Type: Not reported
- Owner Name: Not reported
- Owner Address: Not reported
- Owner Address 2: Not reported
- Owner City,St,Zip: Not reported
- Owner Email: Not reported
- Owner Phone: Not reported
- Contact Name: ANTHONY LACAVALLA
- Contact Address: Not reported
- Contact Address 2: Not reported
- Contact City,St,Zip: Not reported
- Contact Email: Not reported
- Contact Phone: Not reported
- Activity Desc: RHRF - registration
- Activity Number: [03M27]
- Active: No
- East Coordinate: Not reported
- North Coordinate: Not reported
- Accuracy Code: Not reported
- Regulatory Status: Not reported
- Permit #: 2-6004-00040
- Auth. Date: Not reported
- Expiration Date: Not reported
- Waste Types: Not reported
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<thead>
<tr>
<th>Site</th>
<th>Site name</th>
<th>Facility name</th>
<th>Facility address</th>
<th>EPA ID</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 3 of 4 in cluster AC</td>
<td>CON EDISON</td>
<td>W 142ND ST &amp; 5TH AVE</td>
<td>NEW YORK, NY 10037</td>
<td>NYP004181376</td>
<td>RCRA NonGen / NLR</td>
<td>1014395957</td>
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<tr>
<td>Site 4 of 4 in cluster AC</td>
<td>CON EDISON</td>
<td>W 142ND ST &amp; 5TH AVE</td>
<td>NEW YORK, NY 10037</td>
<td>NYP004188389</td>
<td>RCRA NonGen / NLR</td>
<td>1014396526</td>
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**Handler Activities Summary:**

- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
- **Used oil Specification marketer:** No
- **Used oil transfer facility:** No
- **Used oil transporter:** No

**Historical Generators:**

- **Date form received by agency:** 06/25/2009
- **Site name:** CON EDISON
- **Classification:** Conditionally Exempt Small Quantity Generator
- **Violation Status:** No violations found
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing address</td>
<td>4 IRVING PL, RM 828 NEW YORK, NY 10003</td>
</tr>
<tr>
<td>Contact</td>
<td>DENNIS MICHAELIDES</td>
</tr>
<tr>
<td>Contact address</td>
<td>Not reported</td>
</tr>
<tr>
<td>Contact country</td>
<td>US</td>
</tr>
<tr>
<td>Contact telephone</td>
<td>(718) 204-4297</td>
</tr>
<tr>
<td>Contact email</td>
<td>Not reported</td>
</tr>
<tr>
<td>EPA Region</td>
<td>02</td>
</tr>
<tr>
<td>Classification</td>
<td>Non-Generator</td>
</tr>
<tr>
<td>Description</td>
<td>Handler: Non-Generators do not presently generate hazardous waste</td>
</tr>
<tr>
<td>Handler Activities Summary</td>
<td></td>
</tr>
<tr>
<td>U.S. importer of hazardous waste</td>
<td>No</td>
</tr>
<tr>
<td>Mixed waste (haz. and radioactive)</td>
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</tr>
<tr>
<td>Recycler of hazardous waste</td>
<td>No</td>
</tr>
<tr>
<td>Transporter of hazardous waste</td>
<td>No</td>
</tr>
<tr>
<td>Treater, storer or disposer of HW</td>
<td>No</td>
</tr>
<tr>
<td>Underground injection activity</td>
<td>No</td>
</tr>
<tr>
<td>On-site burner exemption</td>
<td>No</td>
</tr>
<tr>
<td>Furnace exemption</td>
<td>No</td>
</tr>
<tr>
<td>Used oil fuel burner</td>
<td>No</td>
</tr>
<tr>
<td>Used oil processor</td>
<td>No</td>
</tr>
<tr>
<td>User oil refiner</td>
<td>No</td>
</tr>
<tr>
<td>Used oil fuel marketer to burner</td>
<td>No</td>
</tr>
<tr>
<td>Used oil Specification marketer</td>
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<td>Used oil transfer facility</td>
<td>No</td>
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<tr>
<td>Used oil transporter</td>
<td>No</td>
</tr>
<tr>
<td>Historical Generators</td>
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<td>Date form received by agency</td>
<td>07/29/2009</td>
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<tr>
<td>Site name</td>
<td>CON EDISON</td>
</tr>
<tr>
<td>Classification</td>
<td>Conditionally Exempt Small Quantity Generator</td>
</tr>
<tr>
<td>Violation Status</td>
<td>No violations found</td>
</tr>
</tbody>
</table>

RCRA NonGen / NLR: 1000554209 1000554209 NYD986966687

NYSDOT - CONTRACT D253704
ADJACENT TO 725 EXTERIOR ST
BENEATH RAMP A
BRONX, NY 10451

1/8-1/4
0.243 mi.
1284 ft.

Site 3 of 3 in cluster AA

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: NYSDOT - CONTRACT D253704
Facility address: ADJACENT TO 725 EXTERIOR ST BENEATH RAMP A BRONX, NY 10451
EPA ID: NYD986966687
Mailing address: 21ST ST LONG ISLAND CITY, NY 11101
Contact: JOHN MORAVEK
Contact address: 21ST ST LONG ISLAND CITY, NY 11101
Contact country: US
Contact telephone: (718) 829-7800
Contact email: Not reported
EPA Region: 02
NYSDOT - CONTRACT D253704 (Continued)  1000554209

Land type: State
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NYSDOT
Owner/operator address: 47-40 21ST ST
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 482-4801
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NYSDOT - CONTRACT D253704
Classification: Not a generator, verified

Date form received by agency: 02/27/1992
Site name: NYS DOT
Classification: Large Quantity Generator

Date form received by agency: 08/08/1991
Site name: NYSDOT - CONTRACT D253704
Classification: Not a generator, verified

- Waste code: D000
NYSDOT - CONTRACT D253704 (Continued) 1000554209

- Waste name: Not Defined
- Waste code: D008
- Waste name: LEAD

Violation Status: No violations found

Evaluation Action Summary:
- Evaluation date: 06/17/1993
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State

216 METROPOLITAN ROOFING SUPPS CO NY UST U001831654
SSW 355 MAJOR DEEGAN BLVD NY AST N/A
1/8-1/4 NEW YORK, NY 10451
0.246 mi.
1300 ft.

Relative: UST:
- Id/Status: 2-061441 / Unregulated/Closed
- Program Type: PBS
- Region: STATE
- DEC Region: 2
- Expiration Date: N/A
- UTM X: 590104.88215
- UTM Y: 4518573.81116
- Site Type: Unknown

Affiliation Records:
- Site Id: 1088
- Affiliation Type: Facility Owner
- Company Name: METROPOLITAN ROOFING SUPPS CO
- Contact Type: Not reported
- Contact Name: Not reported
- Address1: 355 MAJOR DEEGAN BLVD
- Address2: Not reported
- City: NEW YORK
- State: NY
- Zip Code: 10451
- Country Code: 001
- Phone: (212) 665-3700
- EMail: Not reported
- Fax Number: Not reported
- Modified By: TRANSLAT
- Date Last Modified: 2004-03-04

- Site Id: 1088
- Affiliation Type: Mail Contact
- Company Name: METROPOLITAN ROOFING SUPPS CO
- Contact Type: Not reported
- Contact Name: Not reported
- Address1: 355 MAJOR DEEGAN BLVD
- Address2: Not reported
- City: NEW YORK
- State: NY
- Zip Code: 10451
- Country Code: 001
### METROPOLITAN ROOFING SUPPS CO (Continued)

<table>
<thead>
<tr>
<th>Phone</th>
<th>(212) 665-3700</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMail</td>
<td>Not reported</td>
</tr>
<tr>
<td>Fax Number</td>
<td>Not reported</td>
</tr>
<tr>
<td>Modified By</td>
<td>TRANSLAT</td>
</tr>
<tr>
<td>Date Last Modified</td>
<td>2004-03-04</td>
</tr>
</tbody>
</table>

| Site Id:     | 1088          |
| Affiliation Type: | On-Site Operator |
| Company Name: | METROPOLITAN ROOFING SUPPS CO |
| Contact Type: | Not reported  |
| Contact Name: | METROPOLITAN ROOFING SUPPS CO |
| Address1:    | Not reported  |
| Address2:    | Not reported  |
| City:        | Not reported  |
| State:       | NN            |
| Zip Code:    | Not reported  |
| Country Code:| 001           |
| Phone:       | (212) 665-3700 |
| EMail:       | Not reported  |
| Fax Number:  | Not reported  |
| Modified By: | TRANSLAT       |
| Date Last Modified | 2004-03-04   |

| Site Id:     | 1088          |
| Affiliation Type: | Emergency Contact |
| Company Name: | METROPOLITAN ROOFING SUPPS CO |
| Contact Type: | Not reported  |
| Contact Name: | CARL J GEROSA JR |
| Address1:    | Not reported  |
| Address2:    | Not reported  |
| City:        | Not reported  |
| State:       | NN            |
| Zip Code:    | Not reported  |
| Country Code:| 001           |
| Phone:       | (914) 834-7494 |
| EMail:       | Not reported  |
| Fax Number:  | Not reported  |
| Modified By: | TRANSLAT       |
| Date Last Modified | 2004-03-04   |

#### Tank Info:

<p>| Tank Number: | 101 |
| Tank ID:     | 2127 |
| Tank Status: | Closed - Removed |
| Material Name: | Closed - Removed |
| Capacity Gallons: | 550 |
| Install Date: | 12/01/1962 |
| Date Tank Closed: | 08/01/1991 |
| Registered:   | True |
| Tank Location: | Underground |
| Tank Type:    | Steel/carbon steel |
| Material Code: | 0008 |
| Common Name of Substance: | Diesel |
| Tightness Test Method: | NN |
| Date Test:    | Not reported |</p>
<table>
<thead>
<tr>
<th>METROPOLITAN ROOFING SUPPS CO (Continued)</th>
<th>U001831654</th>
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<tr>
<td>Next Test Date:</td>
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<td>Pipe Model:</td>
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<td>Modified By:</td>
<td>TRANSLAT</td>
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<tr>
<td>Last Modified:</td>
<td>03/04/2004</td>
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<td>Equipment Records:</td>
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<tr>
<td></td>
<td>A00 - Tank Internal Protection - None</td>
</tr>
<tr>
<td></td>
<td>I00 - Overfill - None</td>
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<tr>
<td></td>
<td>G03 - Tank Secondary Containment - Vault (w/o access)</td>
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<tr>
<td></td>
<td>J02 - Dispenser - Suction Dispenser</td>
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<td></td>
<td>H00 - Tank Leak Detection - None</td>
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<tr>
<td></td>
<td>C00 - Pipe Location - No Piping</td>
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<tr>
<td></td>
<td>D02 - Pipe Type - Galvanized Steel</td>
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<td>B00 - Tank External Protection - None</td>
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<td></td>
<td>F00 - Pipe External Protection - None</td>
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<td>TRANSLAT</td>
</tr>
<tr>
<td>Last Modified:</td>
<td>03/04/2004</td>
</tr>
<tr>
<td>Equipment Records:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>H00 - Tank Leak Detection - None</td>
</tr>
<tr>
<td></td>
<td>C00 - Pipe Location - No Piping</td>
</tr>
<tr>
<td></td>
<td>G03 - Tank Secondary Containment - Vault (w/o access)</td>
</tr>
<tr>
<td></td>
<td>J02 - Dispenser - Suction Dispenser</td>
</tr>
<tr>
<td></td>
<td>A00 - Tank Internal Protection - None</td>
</tr>
<tr>
<td></td>
<td>I00 - Overfill - None</td>
</tr>
<tr>
<td></td>
<td>B00 - Tank External Protection - None</td>
</tr>
<tr>
<td></td>
<td>F00 - Pipe External Protection - None</td>
</tr>
<tr>
<td></td>
<td>D02 - Pipe Type - Galvanized Steel</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>103</td>
</tr>
<tr>
<td>Tank ID:</td>
<td>2129</td>
</tr>
<tr>
<td>Tank Status:</td>
<td>Closed - Removed</td>
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<tr>
<td>Material Name:</td>
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</tr>
<tr>
<td>Capacity Gallons:</td>
<td>550</td>
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<tr>
<td>Install Date:</td>
<td>12/01/1962</td>
</tr>
<tr>
<td>Date Tank Closed:</td>
<td>08/01/1991</td>
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<tr>
<td>Registered:</td>
<td>True</td>
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<tr>
<td>Tank Location:</td>
<td>Underground</td>
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</table>

TC5022723.2s  Page 587
### METROPOLITAN ROOFING SUPPS CO (Continued)

- **Tank Type:** Steel/carbon steel
- **Material Code:** 0009
- **Common Name of Substance:** Gasoline
- **Tightness Test Method:** NN
- **Date Test:** Not reported
- **Next Test Date:** Not reported
- **Pipe Model:** Not reported
- **Modified By:** TRANSLAT
- **Last Modified:** 03/04/2004

#### Equipment Records:

- `A00 - Tank Internal Protection - None`
- `I00 - Overfill - None`
- `G03 - Tank Secondary Containment - Vault (w/o access)`
- `J02 - Dispenser - Suction Dispenser`
- `H00 - Tank Leak Detection - None`
- `D02 - Pipe Type - Galvanized Steel`
- `C00 - Pipe Location - No Piping`
- `B00 - Tank External Protection - None`
- `F00 - Pipe External Protection - None`

#### AST:

- **Region:** STATE
- **DEC Region:** 2
- **Site Status:** Unregulated/Closed
- **Facility Id:** 2061441
- **Program Type:** PBS
- **UTM X:** 590104.88215
- **UTM Y:** 4518573.81116
- **Expiration Date:** N/A
- **Site Type:** Unknown

#### Affiliation Records:

- **Site Id:** 1088
- **Affiliation Type:** Facility Owner
- **Company Name:** METROPOLITAN ROOFING SUPPS CO
- **Contact Type:** Not reported
- **Contact Name:** Not reported
- **Address1:** 355 MAJOR DEEGAN BLVD
- **Address2:** Not reported
- **City:** NEW YORK
- **State:** NY
- **Zip Code:** 10451
- **Country Code:** 001
- **Phone:** (212) 665-3700
- **EMail:** Not reported
- **Fax Number:** Not reported
- **Modified By:** TRANSLAT
- **Date Last Modified:** 2004-03-04

- **Site Id:** 1088
- **Affiliation Type:** Mail Contact
- **Company Name:** METROPOLITAN ROOFING SUPPS CO
- **Contact Type:** Not reported
- **Contact Name:** Not reported
- **Address1:** 355 MAJOR DEEGAN BLVD
- **Address2:** Not reported
## METROPOLITAN ROOFING SUPPS CO (Continued)

| City: | NEW YORK |
| State: | NY |
| Zip Code: | 10451 |
| Country Code: | 001 |
| Phone: | (212) 665-3700 |
| EMail: | Not reported |
| Fax Number: | Not reported |
| Modified By: | TRANSLAT |
| Date Last Modified: | 2004-03-04 |

**Site Id:** 1088  
**Affiliation Type:** On-Site Operator  
**Company Name:** METROPOLITAN ROOFING SUPPS CO  
**Contact Type:** Not reported  
**Contact Name:** METROPOLITAN ROOFING SUPPS CO  
**Address1:** Not reported  
**Address2:** Not reported  
**City:** Not reported  
**State:** NN  
**Zip Code:** Not reported  
**Country Code:** 001  
**Phone:** (212) 665-3700  
**EMail:** Not reported  
**Fax Number:** Not reported  
**Modified By:** TRANSLAT  
**Date Last Modified:** 2004-03-04

---

**Tank Info:**

| Tank Number: | 001 |
| Tank Id: | 39997 |
| Material Code: | 9999 |
| Common Name of Substance: | Other |

**Equipment Records:**

- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
METROPOLITAN ROOFING SUPPS CO (Continued)  U001831654

J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Not reported

Tank Number: 002
Tank Id: 39998
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Not reported

Tank Number: 003
Tank Id: 39999
Material Code: 9999
Common Name of Substance: Other
METROPOLITAN ROOFING SUPPS CO (Continued)  U001831654

Equipment Records:

- H00 - Tank Leak Detection - None
- D02 - Pipe Type - Galvanized Steel
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I00 - Overflow - None
- J02 - Dispenser - Suction Dispenser
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Not reported

Tank Number: 004
Tank Id: 40000
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I00 - Overflow - None
- H00 - Tank Leak Detection - None
- J02 - Dispenser - Suction Dispenser
- D02 - Pipe Type - Galvanized Steel
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Not reported
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<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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</thead>
<tbody>
<tr>
<td>AD217</td>
<td>West</td>
<td>0.258 mi.</td>
<td>1362 ft.</td>
<td>2350 FIFTH AVENUE</td>
<td>NY VCP</td>
<td>S113922113</td>
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</table>

**Site 1 of 2 in cluster AD**

**Relative: Lower**

**Actual: 5 ft.**

**VCP:**
- Program Type: VCP
- Site Code: 57692
- HW Code: V00256
- Site Class: N
- SWIS: 3101
- Region: 2
- Town: New York City
- Acres: 1.7
- Date Record Added: 11/30/2000
- Date Record Updated: 08/03/2001
- Updated By: REEVAANS
- Site Description: See site no. 231004.
- Health Problem: Not reported
- Dump: Not reported
- Structure: Not reported
- Lagoon: Not reported
- Landfill: Not reported
- Pond: Not reported
- Disp Start: Not reported
- Disp Term: Not reported
- Lat/Long: Not reported
- Dell: Not reported
- Record Add: Not reported
- Record Upd: Not reported
- Updated By: Not reported
- Own Op: Applicant/Requestor
- Sub Type: ZZZ
- Owner Name: Not reported
- Owner Company: 2350 Fifth Avenue Corp.
- Owner Address: 2350 FIFTH AVE.
- Owner Addr2: Not reported
- Owner City,St,Zip: NEW YORK, NY 10037
- Owner Country: United States of America
- Own Op: Owner
- Sub Type: ZZZ
- Owner Name: Not reported
- Owner Company: 2350 FIFTH AVENUE CORPORATION
- Owner Address: 2350 FIFTH AVE.
- Owner Addr2: Not reported
- Owner City,St,Zip: NEW YORK, NY 10017
- Owner Country: United States of America
- HW Code: Not reported
- Waste Type: Not reported
- Waste Quantity: Not reported
- Waste Code: Not reported
- Crossref ID: Not reported
- Cross Ref Type Code: Not reported
- Cross Ref Type: Not reported
- Record Added Date: Not reported
- Record Updated: Not reported
- Updated By: Not reported
Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.

Owner/Operator Summary:
Owner/operator name: 2350 FIFTH AVENUE CORP
Owner/operator address: 2350 5TH AVE
NEW YORK, NY 10037
Owner/operator country: US
Owner/operator telephone: (212) 234-5000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: 2350 FIFTH AVENUE CORP
Owner/operator address: 2350 5TH AVE
NEW YORK, NY 10037
Owner/operator country: US
Owner/operator telephone: (212) 234-5000
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
### 2350 FIFTH AVENUE CORP (Continued)

**Owner/Op end date:** Not reported

**Handler Activities Summary:**
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

**Historical Generators:**
- **Date form received by agency:** 01/01/2006  
  **Site name:** 2350 FIFTH AVENUE CORP  
  **Classification:** Conditionally Exempt Small Quantity Generator

- **Date form received by agency:** 07/08/1999  
  **Site name:** 2350 FIFTH AVENUE CORP  
  **Classification:** Not a generator, verified
  - **Waste code:** NONE
  - **Waste name:** None

- **Date form received by agency:** 04/24/1998  
  **Site name:** 2350 FIFTH AVE CORP  
  **Classification:** Large Quantity Generator

- **Date form received by agency:** 06/06/1997  
  **Site name:** 2350 FIFTH AVENUE CORP  
  **Classification:** Large Quantity Generator
  - **Waste code:** F002
  - **Waste name:** THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Facility Has Received Notices of Violations:**
- **Regulation violated:** Not reported
- **Area of violation:** Generators - Records/Reporting
- **Date violation determined:** 08/03/1989
- **Date achieved compliance:** 08/03/1989
- **Violation lead agency:** State
2350 FIFTH AVENUE CORP (Continued) 1000108749

Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 01/05/1988
Date achieved compliance: 01/05/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/05/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/01/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/03/1989
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/03/1989
Evaluation lead agency: State

Evaluation date: 01/05/1988
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 01/05/1988
Evaluation lead agency: State

SHWS:
Program: HW
Site Code: 57691
Classification: Site is properly closed - requires continued management.
Region: 2
Acres: 1.543
HW Code: 231004
Record Add: 11/18/1999
Record Upd: 05/09/2017
2350 FIFTH AVENUE CORP  (Continued)

Updated By: JHOCONNE
Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor’s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc ) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.
2350 FIFTH AVENUE CORP (Continued)

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethylene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.
<table>
<thead>
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<th>Owner Address:</th>
<th>47-40 21St Street</th>
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</thead>
<tbody>
<tr>
<td>Owner Addr2:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City,St,Zip:</td>
<td>Long Island City, NY 11101</td>
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<tr>
<td>Owner Country:</td>
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2350 FIFTH AVENUE CORP (Continued)

Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/1/2010 2:43:00 PM
Record Updated: 12/1/2010 2:43:00 PM
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/1/2010 2:42:00 PM
Record Updated: 12/1/2010 2:42:00 PM
Updated By: YYWONG

VAPOR REOPENED:
Site Code: 231004
Facility Status: Complete (Mitigate)

ENG CONTROLS:
Site Code: 57691
HW Code: 231004
Control Code: 13
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 05/27/2016
Updated By: YYWONG

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor's yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or
The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH’s air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
### 2350 FIFTH AVENUE CORP (Continued)

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**Notes:**
- Cross Ref Type: County Recording Identifier
- Cross Ref Type Code: 25
- Cross Ref Type Code: Not reported
- Cross Ref Type Code: 2014000423306
2350 FIFTH AVENUE CORP (Continued)

Record Added Date: 12/26/2014 3:22:00 PM
Record Updated: 12/26/2014 3:22:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/19/2014 10:15:00 AM
Record Updated: 9/19/2014 10:15:00 AM
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/1/2010 2:39:00 PM
Record Updated: 12/1/2010 2:40:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/1/2010 2:42:00 PM
Record Updated: 12/1/2010 2:42:00 PM
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Crossref ID: 07/03/1997
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Record Updated: 12/1/2010 2:43:00 PM
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/1/2010 2:42:00 PM
Record Updated: 12/1/2010 2:42:00 PM
Updated By: YYWONG

Site Code: 57691
HW Code: 231004
Control Code: 35
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 05/27/2016
Updated By: YYWONG

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The
2350 FIFTH AVENUE CORP (Continued) 1000108749

site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor’s yard. The existing building was originally constructed as a Borden Company ice cream factory; the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethylene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area
Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion.

Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.
2350 FIFTH AVENUE CORP (Continued) 1000108749

Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
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HW Code: 231004
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Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
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Record Updated: 12/26/2014 3:22:00 PM
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Updated By: YYWONG
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Crossref ID: w2-0792-98-07
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Record Added Date: 12/1/2010 2:39:00 PM
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Updated By: YYWONG
Crossref ID: 07/03/1997
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Cross Ref Type: Agreement/Consent Order Date
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Record Updated: 12/1/2010 2:43:00 PM
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/1/2010 2:42:00 PM
2350 FIFTH AVENUE CORP (Continued) 1000108749

Record Updated: 12/1/2010 2:42:00 PM
Updated By: YYWONG

Site Code: 57691
HW Code: 231004
Control Code: 15
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 05/27/2016
Updated By: YYWONG

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor’s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and
MAP FINDINGS

Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH’s air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02.0 / 73:56:07.0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
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Updated By: Idennist
Owner Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Owner Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
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Cross Ref Type: County Recording Identifier
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Record Updated: 12/26/2014 3:22:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/19/2014 10:15:00 AM
Record Updated: 9/19/2014 10:15:00 AM
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code: 26
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Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code: 23
2350 FIFTH AVENUE CORP (Continued) 1000108749

Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/1/2010 2:39:00 PM
Record Updated: 12/1/2010 2:40:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code: 23
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Crossref ID: 03/30/2001
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/1/2010 2:42:00 PM
Record Updated: 12/1/2010 2:42:00 PM
Updated By: YYWONG

INST CONTROL:
Site Code: 57691
Control Name: Landuse Restriction
HW Code: 231004
Control Code: 25
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 07/27/2016
Updated By: YYWONG
Site Code: 57691
Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor’s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s.
through the 1950s, with the exception of the block directly north of
the site, where the Fifth Avenue Armory was constructed between 1921
and 1933. The residential development, which occupies the area to the
south and west of the site, was constructed between 1957 and 1959.
From 1970 to 1994 the site was occupied by an industrial laundry and
dry cleaning operation which utilized tetrachloroethylene (PCE or
derc) as a cleaning solvent. The dry cleaning operation utilized
both first-generation and second-generation dry-cleaning machines.
The majority of PCE released was associated with the first generation
machine use, which involved more handling of PCE than the later
machines. The dry cleaning facility operated as registered hazardous
waste handler with U.S. Environmental Protection Agency (EPA), ID
number NYD071026173. Between 1995 and 1996, most of the ground floor
of the building, with the exception of the far western portion, was
renovated for use as a New York City public school. The central and
eastern portions of the building were occupied by P.S. 141 for a
period in the fall of 1997, and were later used by a church for
services, offices, and classes. The church vacated the building in
December 2004. The remainder of the central and western portion of
the building was renovated in 2001 for use as a self storage
facility, and in 2006 the self storage facility expanded into the
former school portion of the building. Currently the site is use for
self storage facility and for art studio space. Site Geology and
Hydrogeology; Groundwater in the vicinity of the site is divided into
two apparently semi-confined aquifers. The presence of a clay layer
acts as an aquitard/aquiclude separating the aquifer into a shallow
aquifer above the clay and deeper aquifer below the clay. The
groundwater surface in the shallow aquifer is irregular and
approximately six to ten feet below grade. Measurements of
groundwater elevation indicated varying horizontal flow directions:
generally northward towards West 142nd Street and eastward along
142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to
remediation, the primary contaminants of concern were
tetrachloroethene (PCE) and its breakdown products [trichloroethene
(TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene
(trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil
capor and sub-slab insulation material. Remedial actions have
successfully achieved soil cleanup objectives for restricted
residential use. Residual contamination in soil, groundwater, soil
capor and sub-slab insulation material is being managed under the
Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area
is served by a public water supply that is not contaminated by the
site. Direct contact with contaminated soil is unlikely since it is
located under pavement and the on-site building. Volatile organic
compounds in the groundwater and/or soil may move into the soil vapor
(air spaces within the soil), which in turn may move into overlying
buildings and affect the indoor air quality. This process, which is
similar to the movement of radon gas from the subsurface into the
indoor air of buildings, is referred to as soil vapor intrusion.
Site-related contaminants were historically found in the indoor air
of the on-site building at concentrations exceeding NYSDOH’s air
guidelines. To minimize the potential for the inhalation of
site-related contaminants, a sub-slab depressurization system was
installed beneath the building. Environmental sampling indicates soil
vapor intrusion is not a concern for off-site buildings.
2350 FIFTH AVENUE CORP (Continued) 1000108749

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02.0 / 73:56:07.0
Dell: False
Record Add: 11/18/1999 12:00:00 AM
Record Upd: 9/20/2013 11:18:00 AM
Updated By: Idennist
Owner Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Owner Name: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Owner Name: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21st Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
### 2350 FIFTH AVENUE CORP (Continued)

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<td>Agreement/Consent Order Number</td>
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- Site Code: 57691
- Control Name: Soil Management Plan
- HW Code: 231004
- Control Code: 14
- Control Type: INST
- Dt record added: 11/04/2014
- Dt rec updated: 05/27/2016
- Updated By: YYWONG
- Site Code: 57691
- Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan,
City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor’s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethylene (PCE) and its breakdown products [trichloroethylene
2350 FIFTH AVENUE CORP (Continued)

(TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.
2350 FIFTH AVENUE CORP (Continued)

Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZOFPYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/19/2014 10:15:00 AM
Record Updated: 9/19/2014 10:15:00 AM
Updated By: YYWONG
Crossref ID: w2-0792-97-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/26/2014 3:22:00 PM
Record Updated: 12/26/2014 3:22:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: United States of America
Owner Country: 2350 FIFTH AVENUE CORP  (Continued) 1000108749
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: benzo(a)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: chlorinated solvents
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
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Record Updated: 9/19/2014 10:15:00 AM
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/26/2014 3:22:00 PM
Record Updated: 12/26/2014 3:22:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/26/2014 3:22:00 PM
Record Updated: 12/26/2014 3:22:00 PM
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code:
Between 1995 and 1996, most of the ground floor waste handler with U.S. Environmental Protection Agency (EPA), ID machines. The dry cleaning facility operated as registered hazardous machine use, which involved more handling of PCE than the later. The majority of PCE released was associated with the first generation both first-generation and second-generation dry-cleaning machines. From 1970 to 1994 the site was occupied by an industrial laundry and 1933. The residential development, which occupies the area to the north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor.
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Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

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2350 FIFTH AVENUE CORP (Continued)

Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
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Sub Type: B99
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Owner Address: 47-40 21st Street
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Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
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HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 02/26/2014 3:22:00 PM
Record Updated: 12/26/2014 3:22:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 09/19/2014 10:15:00 AM

TC5022723.2s Page 618
2350 FIFTH AVENUE CORP (Continued)

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn...
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2350 FIFTH AVENUE CORP (Continued) 1000108749

buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH’s air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40.49:02.0 / 73:56:07:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 9/20/2013 11:18:00 AM
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZOR(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
2350 FIFTH AVENUE CORP (Continued)

| HW Code  | 231004 |
| Waste Type | tetrachloroethene (PCE) |
| Waste Quantity | UNKNOWN |
| Waste Code | Not reported |
| Cross Ref Type | County Recording Identifier |
| Cross Ref Type | Agreement/Consent Order Number |
| Cross Ref Type | Agreement/Consent Order Date |
| Cross Ref Type | Agreement/Consent Order Number |
| Cross Ref Type | Agreement/Consent Order Date |
| Cross Ref Type | Agreement/Consent Order Date |

Site Code: 57691
Control Name: O&M Plan

TC5022723.2s  Page 622
Site: 2350 FIFTH AVENUE CORP (Continued)

HW Code: 231004
Control Code: 33
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 05/27/2016
Updated By: YYWONG
Site Code: 57691

Site Description: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor’s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA). ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow
Installations beneath the building. Environmental sampling indicates soil site-related contaminants, a sub-slab depressurization system was guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
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Disp Term: 1994
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Dell: False
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Record Upd: 9/20/2013 11:18:00 AM
Updated By: Idennist
Owner Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Add2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Owner Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Add2: 104 West 136 Street
2350 FIFTH AVENUE CORP (Continued)

Owner City, St, Zip: New York, NY 10030
Owner Country: United States of America
Owner Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Add2: Not reported
Owner City, St, Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
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Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
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Waste Quantity: UNKNOWN
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Crossref ID: 2014000423306
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Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
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2350 FIFTH AVENUE CORP (Continued)

Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 11/04/2014
Record Updated: 05/27/2016
Updated By: YYWONG
Crossref ID: 57691
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 11/04/2014
Record Updated: 05/27/2016
Updated By: YYWONG
Site Code: 57691
Control Name: Environmental Easement
HW Code: 231004
Control Code: J
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 05/27/2016
Updated By: YYWONG
Site Code: 57691
Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1933, and as of 1909 it was mostly vacant or occupied by a contractor's yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959.
From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethylene (PCE) and its breakdown products [trichloroethylene (TCE), cis-1,2-dichloroethylene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH’s air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.
### 2350 FIFTH AVENUE CORP (Continued)

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<tr>
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<td>Joseph Karten</td>
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<td>2350 Fifth Avenue Corporation</td>
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<tr>
<td>Owner Address:</td>
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<tr>
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<td>Crossref ID:</td>
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### Site Description:
The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story...
section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor’s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959.

From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted
residual use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion.

Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH’s air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.
2350 FIFTH AVENUE CORP (Continued) 1000108749

Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
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Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
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Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
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Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2/26/2014 3:22:00 PM
Record Updated: 2/26/2014 3:22:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/19/2014 10:15:00 AM
Record Updated: 9/19/2014 10:15:00 AM
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/19/2014 10:15:00 AM
Record Updated: 9/19/2014 10:15:00 AM
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 1/2010 2:39:00 PM
Record Updated: 12/1/2010 2:40:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
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Updated By: YYWONG
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Cross Ref Type: Agreement/Consent Order Date
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<th>Site Description</th>
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<td>Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor’s yard. The existing building was originally constructed as a Borden Company ice cream factory; the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for...</td>
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</table>
services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquitlude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH’s air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40.49:02.0 / 73:56:07:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 9/20/2013 11:18:00 AM
Updated By: Indennist
Owner Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
2350 FIFTH AVENUE CORP (Continued)

Owner Addr2: Ground Floor
Owner City, St, Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City, St, Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City, St, Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
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HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
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HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethylene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethylene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 20140000423306
Cross Ref Type Code: 
Cross Ref Type: County Recording Identifier
Record Added Date: 2/26/2014 3:22:00 PM
Record Updated: 12/26/2014 3:22:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code: 
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/19/2014 10:15:00 AM
Record Updated: 9/19/2014 10:15:00 AM
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
2350 FIFTH AVENUE CORP (Continued)

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000108749
Registry ID: 110000808074
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000808074
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2568 PARK (Continued)

Updated By: Not reported

220 CARMEL HAYS HIGH SCHOOL NY LTANKS S103239085
NE 650 GRAND CONCORSE N/A
1/4-1/2 0.280 mi.
BRONX, NY 1476 ft.

LTANKS:
- Site ID: 142990
- Spill Number/Closed Date: 9801301 / 2003-03-03
- Spill Date: 1998-04-29
- Spill Cause: Tank Overfill
- Spill Source: Institutional, Educational, Gov., Other
- Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- Cleanup Ceased: Not reported
- Cleanup Meets Standard: False
- SWIS: 0301
- Investigator: TOMASELLO
- Referred To: Not reported
- Reported to Dept: 1998-04-29
- CID: 365
- Water Affected: Not reported
- Spill Notifier: Other
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Involvement: False
- Remediation Phase: 0
- Date Entered in Computer: 1998-04-29
- Spill Record Last Update: 2003-03-03
- Spiller Name: FATHER FERNAN
- Spiller Company: CARMEL HAYS HIGH SCHOOL
- Spiller Address: 650 GRAND CONCORSE
- Spiller City,St,Zip: BRONX, NY 001
- Spiller Phone: (718) 292-6100
- Spiller Extention: Not reported
- DEC Region: 2
- DER Facility ID: 121994
- DEC Memo: ""
- Remarks: ""DRIVER DELIVERED OIL AMOUNT THAT WAS ORDERED BY CUSTOMER BUT THERE WAS MORE OIL IN TANK THAN CUSTOMER ORIGINALLY STATED - OIL CAME OUT VENT PIPE - CLEAN UP CREW ENROUTE"

Material:
- Site ID: 142990
- Operable Unit ID: 1061946
- Operable Unit: 01
- Material ID: 323236
- Material Code: 0002A
- Material Name: #4 fuel oil
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: 15.00
- Units: Gallons
CARMEL HAYS HIGH SCHOOL  (Continued)  S103239085

| Recovered:   | .00          |
| Resource Affected: | Not reported |
| Oxygenate:  | Not reported |

Tank Test:

---

221  CON EDISON  NY LTANKS  S117395116
WSW 2300 5TH AVE & W 141ST ST  NY MANIFEST  N/A
1/4-1/2  NEW YORK, NY 10031
0.300 mi.  1585 ft.

Relative:  Lower
Actual:    8 ft.

LTANKS:

| Site ID:                      | 502569         |
| Spill Number/Closed Date:    | 1408973 / 2015-02-20 |
| Spill Date:                  | 2014-12-04     |
| Spill Cause:                 | Tank Test Failure |
| Spill Source:                | Commercial/Industrial |
| Spill Class:                 | Not reported   |
| Cleanup Ceased:              | Not reported   |
| Cleanup Meets Standard:      | False          |
| SWIS:                        | 3101           |
| Investigator:                | vszhune        |
| Referred To:                 | Not reported   |
| Reported to Dept:            | 2014-12-04     |
| CID:                         | Not reported   |
| Water Affected:              | Not reported   |
| Spill Notifier:              | Tank Tester    |
| Last Inspection:             | Not reported   |
| Recommended Penalty:         | False          |
| UST Involvement:             | False          |
| Remediation Phase:           | 0              |
| Date Entered In Computer:    | 2014-12-04     |
| Spill Record Last Update:    | 2015-02-20     |
| Spiller Name:                | CHRIS STEELE   |
| Spiller Company:             | UNKNOWN        |
| Spiller Address:             | 2300 5TH AVE   |
| Spiller City,St,Zip:         | NEW YORK, NY   |
| Spiller County:              | 999            |
| Spiller Contact:             | CHRIS STEELE   |
| Spiller Phone:               | (718) 624-4842 |
| Spiller Extention:           | Not reported   |
| DEC Region:                  | 2              |
| DER Facility ID:             | 457527         |
| DEC Memo:                    | "12/4/14- Spoke to Ray Lara from PTC. He said they cleaned and emptied he tank. They tested the tank and failed. They are going to perform the isolation test. 2/20/15-Mark Salamack from PTC sent an email dated 2/9/15 with the following information. The one on Lenox Avenue and the one on 5th Avenue are both in the same complex called the Savoy...whose main address is 45 West 139th Street in Manhattan...these are both above ground tanks that were tested when they went from #6 oil to #2 oil...both had a problem with the way an electronic gauge was connected on top of each tank...there was no contamination or spilled oil in either case...they have both been retested and passed the tightness tests...as we have not been paid yet for the job we have not sent anything to you to get the spill #s" |

TC5022723.2s  Page 639
Material:
- Site ID: 502569
- Operable Unit ID: 1251940
- Operable Unit: 01
- Material ID: 2253915
- Material Code: 0003A
- Material Name: #6 fuel oil
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: Not reported
- Units: Not reported
- Recovered: Not reported
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:

NY MANIFEST:
- Country: USA
- EPA ID: NYP004762340
- Facility Status: Not reported
- Location Address 1: 2300 5TH AVE W 141ST
- Location Address 2: VAULT # 3804
- Total Tanks: Not reported
- Location City: NEW YORK
- Location State: NY
- Location Zip: 10031
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYP004762340
- Mailing Name: CON EDISON
- Mailing Contact: TOM TELLING
- Mailing Address 1: 4 IRVING PLACE-15TH FLOOR
- Mailing Address 2: Not reported
- Mailing City: NEW YORK
- Mailing State: NY
- Mailing Zip: 10003
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: 2124603770

Remarks:
"tank failure, unk pbs #"

closed. Based on the information that the gauge was repaired, there was no contamination or spill in this site and the tank system was retested and past the test this spill is closed"
CON EDISON (Continued)

Generator Ship Date: 04/02/2015
Trans1 Recv Date: 04/02/2015
Trans2 Recv Date: 04/06/2015
TSD Site Recv Date: 04/06/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004762340
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002611482GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

222 939 E 138TH ST/ATLANTIC
SW 939 EAST 138TH STREET
1/4-1/2 NEW YORK CITY, NY
0.328 mi. 1733 ft.

Relative: LTANKS:
Lower Site ID: 292032
Actual: 9 ft.

Spill Number/Closed Date: 8807543 / 1988-12-15
Spill Date: 1988-12-13
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
939 E 138TH ST/ATLANTIC (Continued)

Spill Class: Not reported
Cleanup Ceased: 1988-12-15
Cleanup Meets Standard: True
SWIS: 0301
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1988-12-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1989-01-11
Spill Record Last Update: 1989-03-08

Spiller Name: Not reported
Spiller Company: ATLANTIC FUEL
Spiller Address: 939 EAST 138TH STREET
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 276410
DEC Memo: ""
Remarks: "SPILL IN DIKED WALLS, IN PROCESS OF EXCAVATING TANK & ADDING WATER, WILL HAVE VAC TRUCK CLEAN UP SPILL."

Material:
Site ID: 292032
Operable Unit ID: 923013
Operable Unit: 01
Material ID: 455873
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 300.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 292034
Spill Number/Closed Date: 8910126 / 1990-05-10
Spill Date: 1990-01-22
Spill Cause: Tank Failure
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Class: Not reported
Cleanup Ceased: 1990-05-10
Cleanup Meets Standard: True
939 E 138TH ST/ATLANTIC (Continued)  S100142585

SWIS: 0301
Investigator: SULLIVAN
Referred To: Not reported
Reported to Dept: 1990-01-23
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1990-01-25
Spill Record Last Update: 1990-05-11
Spiller Name: Not reported
Spiller Company: CASTLE PORT MORRIS TERM
Spiller Address: 939 EAST 138TH STREET
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 276410
DEC Memo: **
Remarks: "67000 BARRELS (TANK SIZE), TANK LEAK CAUSED BY SUSPECTED CORROSION,
FUEL BEING CONTAINED BY STEEL DIKE WITH DIRT FLOOR, TANK BEING
PUMPED,NEW BOTTOM BEING PUT IN, LEAK FROM SMALL PIN HOLE."

Material:
Site ID: 292034
Operable Unit ID: 935218
Operable Unit: 01
Material ID: 443247
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:
Facility ID: 8902626
Facility Type: ER
DER Facility ID: 276410
Site ID: 292033
DEC Region: 2
Spill Date: 1989-06-13
Spill Number/Closed Date: 8902626 / 1989-06-13
Spill Cause: Unknown
Spill Class: Not reported
### Map Findings

**Site:** 939 E 138TH ST/ATLANTIC  
**EDR ID Number:** S100142585

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<td>Spill Number/Closed Date</td>
<td>8804624 / 1988-08-26</td>
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<td>Spill Cause</td>
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<tr>
<td>SWIS</td>
<td>0301</td>
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<tr>
<td>Investigator</td>
<td>SIGONA</td>
</tr>
<tr>
<td>Referred To</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**Remarks:**  
"SHEEN ON WATER, USCG TEAM SENT OUT, DETERMINED NOT FEASIBLE FOR CLEAN UP, NO ACTION REQUIRED BY DEC."
939 E 138TH ST/ATLANTIC (Continued)  S100142585

Reported to Dept: 1988-08-26
CID: Not reported
Water Affected: EAST RIVER
Spill Source: Vessel
Spill Notifier: Affected Persons
Cleanup Ceased: 1988-08-26
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1988-08-30
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: ECLOFF TRANSPORTER
Spiller Address: BARGE #E25
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: --
Remarks: "5 GALLONS WENT INTO WATER, OCCURRED DURING #6 FUEL OIL TRANSFER, SPILLAGE CAME OUT OF VENT, DEPLOYED BOOM & SORBENT."

Material:
Site ID: 292031
Operable Unit ID: 919737
Operable Unit: 01
Material ID: 554754
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

223 WSW
APT. BLDG 15 W. 139TH ST
1/4-1/2
0.349 mi.
1843 ft.

Relative: Lower
Actual: 9 ft.

LTANKS:
Site ID: 194911
Spill Number/Closed Date: 9311787 / 1994-01-04
Spill Date: 1994-01-04
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1994-01-04
Cleanup Meets Standard: True
APT. BLDG 15 W. 139TH ST (Continued)

SWIS: 3101
Investigator: TOMASELLO
Reported To: Not reported
Reported to Dept: 1994-01-04
CID: Not reported
Water Affected: Not reported
Oxygenate: Not reported
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-03-30
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 162405
DEC Memo: 
Remarks: "TANK OVER FILL. NO OTHER DETAILS CREW ON SCENE TO CLAIM. NO CALL BACK NECESSARY."

Material:
Site ID: 194911
Operable Unit ID: 993789
Operable Unit: 01
Material ID: 558821
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

AE224 556 MORRIS AVE
East 556 MORRIS AVE
BRONX, NY
1/4-1/2
0.354 mi.
1869 ft.
Site 1 of 3 in cluster AE

Relative:
Lower
Actual: 26 ft.

LTANKS:
Site ID: 287485
Spill Number/Closed Date: 9513120 / 1996-01-22
Spill Date: 1996-01-20
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
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<tr>
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<td>Material ID</td>
<td>356850</td>
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<td>0001A</td>
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<tr>
<td>Material Name</td>
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<td>Case No.</td>
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<td>Material FA</td>
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<tr>
<td>Quantity</td>
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<td>Units</td>
<td>Gallons</td>
</tr>
<tr>
<td>Recovered</td>
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<td>Resource Affected</td>
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<tr>
<td>Oxygenate</td>
<td>Not reported</td>
</tr>
<tr>
<td>Tank Test</td>
<td></td>
</tr>
</tbody>
</table>

Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

"tank overfilled - only about 1 qt involved - spill has been cleaned"
PATTERSON HOUSES -NYCHA
301 EAST 143RD STREET
BRONX, NY
1/4-1/2
0.367 mi.
1937 ft.
Site 1 of 2 in cluster AF

Relative: Lower
Actual: 27 ft.

LTANKS:
Site ID: 125319
Spill Number/Closed Date: 9504190 / 2005-12-02
Spill Date: 1995-07-07
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1995-07-07
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-07-07
Spill Record Last Update: 2005-12-02
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 108400
DEC Memo: "12/02/05: This spill transferred from J.Kolleeny to S.Kraszewski.
This spill closed to consolidate with open spill #0506695."
Remarks: "TANK #2 - GROSS FAILURE"

Material:
Site ID: 125319
Operable Unit ID: 1015296
Operable Unit: 01
Material ID: 365688
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Gallons
Recovered: 0.00
Resource Affected: Not reported
Oxygenate: Not reported
**PATTERSON HOUSES -NYCHA (Continued)**

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<td>Last Modified:</td>
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<td>Test Method:</td>
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</table>

**LTANKS:**

| Site ID                | 125318                                                               |
| Spill Number/Closed Date: | 9414368 / 1995-03-31                                           |
| Spill Date:            | 1995-01-19                                                           |
| Spill Cause:           | Tank Failure                                                        |
| Spill Source:          | Institutional, Educational, Gov., Other                             |
| Spill Class:           | Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. |

- **Cleanup Ceased:** 1995-03-31
- **Cleanup Meets Standard:** True
- **SWIS:** 0301
- **Investigator:** HEALY
- **Referred To:** Not reported
- **Reported to Dept:** 1995-01-19
- **CID:** Not reported
- **Water Affected:** GROUNDWATER
- **Spill Notifier:** DEC
- **Last Inspection:** Not reported
- **Recommended Penalty:** False
- **UST Involvement:** False
- **Remediation Phase:** 0
- **Date Entered In Computer:** 1995-02-02
- **Spill Record Last Update:** 1995-03-31
- **Spiller Name:** Not reported
- **Spiller Company:** NYC HOUSING AUTHORITY
- **Spiller Address:** Not reported
- **Spiller City,St,Zip:** ZZ
- **Spiller County:** 001
- **Spiller Contact:** Not reported
- **Spiller Phone:** Not reported
- **Spiller Extention:** Not reported
- **DEC Region:** 2
- **DER Facility ID:** 108400
- **DEC Memo:** ""
- **Remarks:** "BROKEN FUEL LINES. SEEPAGE BEGAN IN NOVEMBER, HAS CONTINUED UNABATED. NYCHA TO REPLACE FUEL LINES."
PATTERSON HOUSES (Continued)

Material:
- Site ID: 125318
- Operable Unit ID: 1007947
- Operable Unit: 01
- Material ID: 373110
- Material Code: 0003A
- Material Name: #6 fuel oil
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: -1.00
- Units: Gallons
- Recovered: 0.0
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:

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AE227 LINCOLN HOSPITAL
East 234 E 149TH ST
1/4-1/2 BRONX, NY
0.379 mi.
1999 ft. Site 2 of 3 in cluster AE

Relative: Higher
Actual: 28 ft.

LTANKS:
- Site ID: 469829
- Spill Number/Closed Date: 1206812 / 2015-08-28
- Spill Date: 2012-10-10
- Spill Cause: Tank Test Failure
- Spill Source: Commercial/Industrial
- Spill Class: Not reported
- Cleanup Ceased: Not reported
- Cleanup Meets Standard: False
- SWIS: 0301
- Investigator: HRPATEL
- Referred To: Not reported
- Reported to Dept: 2012-10-10
- CID: Not reported
- Water Affected: Not reported
- Spill Notifier: Other
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Involvement: False
- Remediation Phase: 0
- Date Entered In Computer: 2012-10-10
- Spill Record Last Update: 2015-08-28
- Spiller Name: Not reported
- Spiller Company: LINCOLN HOSPITAL
- Spiller Address: Not reported
- Spiller City,St,Zip: NY
- Spiller County: 999
- Spiller Contact: JOHN HEALEY
- Spiller Phone: (718) 579-5680
- Spiller Extention: Not reported
- DEC Region: 2
- DER Facility ID: 193601
- DEC Memo: "Ricky told me that this is a 'Dry Leak', loose gasket. No oil spill
LINCOLN HOSPITAL (Continued)

observed. Next step: To call John to confirm gasket has been repaired and tank passed the test. (sr) 11/5/12 Passing and failing ttt reports for Tank 005 put in e-docs. Passing test was processed today. If 08/28/15-Hiralkumar Patel, while reviewing spill/pbs database for the subject site as part of investigation under spill #: 0204573, found this open spill case. The subject spill was reported on 10/10/12 as 10,000 gal diesel tank (tank #6) failed a tightness test. as per the caller, a dry leak was noted due to loose gasket and no spill was observed. found a passing test result for tank # 6 dated 11/30/2012 on PBS record. Based on record available on PBS file, case closed."

Remarks:
"Tank test fail"

Material:
Site ID: 469829
Operable Unit ID: 1219716
Operable Unit: 01
Material ID: 2218249
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:
Facility ID: 0204573
Facility Type: ER
DER Facility ID: 77980
Site ID: 84826
DEC Region: 2
Spill Date: 2002-07-30
Spill Number/Closed Date: 0204573 / 2015-12-02
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS:
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2002-07-31
CID: 207
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2002-07-31
**LINCOLN HOSPITAL (Continued)**

Spill Record Last Update: 2015-12-02  
Spiller Name: ANTHONY J LARA  
Spiller Company: LINCOLN HOSPITAL  
Spiller Address: 234 E 149TH ST  
Spiller City,St,Zip: BRONX, NY  
Spiller Company: 001  
Contact Name: ANTHONY J LARA  
Contact Phone: (646) 772-7180  
DEC Memo:  

*Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 7/31/2002 - Sangesland spoke with Isaac at Petroleum Tank Cleaners (718-624-4842), PTC was doing some excavations around the stick valves of several buried tanks at Lincoln Hospital. PTC has started excavations in the area and will continue with hopes of getting clean end point samples. Tanks were probably tank tested recently. Sangesland will check PBS for the site. 8/2/2002 - Sangesland spoke with Isaac at PTC. He said they dug out quite a bit of contaminated soil, but didn’t get it all. Because of the location of the excavation, PTC had to back fill the site with sand. PTC says they found an old gasoline tank which was empty, but had not been closed out. This tank was located adjacent to the fuel oil tanks they knew about. PTC was given direction to: 1) Delineate the site in 3-D. 2) Determine GW level and direction 3) Prepare & submit a remediation work plan 4) Process the documentation to properly close out the tank(PBS) 8/2/2002 - Mark Robbins contacted the DEC to say his firm (HydroTech 631-462-5866) was going to bid on doing a delineation/remediation at the site. 8/13/2002 Sangesland spoke with Mark Robbins. Mr. Robbins requested a letter from the DEC outlining the list of work required on this site. This is needed by the Hospital to process a purchase order. 4/29/2005 Sangesland spoke to Mark Robbins at HydroTech. They have 4 wells which have been under long term monitoring. Mark believes the site may be close to close out. 05/27/14-Hiralkumar Patel. with approval from DEC DeMeo, case transferred from DEC Sangesland to DEC Patel. 06/03/14-Hiralkumar Patel. visited site. met John Healy at the hospital. informed him about an open spill case. he has no knowledge of this case as he was not working at the facility in 2002. as per PBS record, the site has total of eight (8) active tanks. he mentioned that one 1(1) 10,000 gal diesel UST is located along E 149th Street. two days tanks (one 100 gal and one 275 gal) for diesel product are on building’s roof. the remaining five (5) tanks (one 10,000 gal diesel and four 50,000 gal #2 fuel oil) are located underground, in front of the EMS entrance along Park Ave. found total of six (6) monitoring wells around the tank field along Park Ave. Mr. Healy mentioned that there was an old gasoline UST in area of fuel oil tank field. he will look for any environmental reports. asked him to check and sample existing monitoring wells at the site. John Healy Sr. Stationary Engineer Engineering Department Lincoln Hospital 234 E 149th Street Bronx, NY 10451 Ph. (718) 579-5680 (O) (347) 865-3201 (C) Fax (718) 579-4758 email: john.healy@nychhc.org reviewed available documents:  

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LINCOLN HOSPITAL  (Continued)

top of a concrete island that is located to the north of the 10,000 gal diesel tank - PTC was contracted to replace direct fill pipes associated with each UST - identified petroleum impacted soil during the installation of fill pipes for diesel UST - impacted soil extended to at least a depth of 8 ft bg - a soil sample was collected for fingerprint analysis; result indicated that the petroleum most closely resembled fuel oil 1 with a very slight presence of gasoline - subsurface investigation conducted in Aug. 2002 - installed four soil borings (SP-1 through SP-4) - boring SP-1 was installed to 16 ft bg, where refusal was encountered - borings SP-2, SP-3 and SP-4 were installed to 20 ft bg; no refusal encountered in these borings - found PID readings between 463 and 693 ppm from 0 to 16 ft bg in SP-1; maximum PID reading found at 16 ft bg where refusal encountered - in SP-2, found PID reading of 382 ppm at 16-18 ft bg and 189 ppm at 18-20 ft bg - in SP-3, found PID readings between 289 and 628 ppm from 8 to 18 ft bg; 24 ppm recorded at 18-20 ft bg - in SP-4, found PID reading of 486 ppm at 14-16 ft bg and 102 ppm at 16-18 ft bg - total five soil samples were collected (two from SP-1, and one each from SP-2, SP-3 and SP-4) - water table was identified at 12 to 16 ft bg

--- soil analyticals:

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<th>Product</th>
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<td>PID Reading 14-16 ft</td>
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<td>PID Reading 14-16 ft</td>
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<td>PID Reading 14-16 ft</td>
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<td>16-18 ft</td>
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</tr>
</tbody>
</table>
LINCOLN HOSPITAL (Continued)

is no longer their vendor and he will contact Woodard & Curran.
11/18/14-Hiralkumar Patel. 1:08 PM:- left message for Mr. Healy.
11/19/14-Hiralkumar Patel. received email from Mr. Healy (at 10:07 PM
on 11/18/14) including copy of quote from Woodard & Curran. he
received quote yesterday and waiting for approval.
08/28/15-Hiralkumar Patel. alternate address: 212-268 East 149th
Street, 415 Morris Ave, 419-541 Morris Ave, 2824 Park Ave, 201-219
East 148th Street, 410-448 Canal Place, 229-245 East 144th Street PBS
#: 2-327727. as per PBS record, the site has/had following tanks: -
four (4) 50,000 gal #2 oil USTs, in-service, installed in Sep. 1970 -
two (2) 10,000 gal diesel USTs, in-service, installed in Sep. 1970 -
one (1) 100 gal diesel AST in contact with impervious barrier.
in-service, installed in Sep. 1970 - one (1) 275 gal diesel AST in
contact with impervious barrier, in-service, installed in Oct. 2009 -
one (1) 100 gal diesel AST on legs, removed in Nov. 2009 PBS
registration expired on 08/28/2012. --------------- other spills:
9208811, 9310375, 9515003, 0313236, 0912680, 0912687, 1206812,
1502628 spill #: 9208811 was reported on 10/30/1992 due to 3 gal #2
oil spill. case closed, spill #: 9310375 was reported on 11/26/1993
as 30 gal #6 oil spilled into sewer due to tank overfill. case
closed. spill #: 9515003 was reported on 02/22/1996 as 30 gal #6 oil
spilled due to truck malfunction. case closed. spill #: 0313236 was
reported on 03/02/2004 as 50,000 gal #2 oil tank (tank # 4) failed a
tightness test. tank was repaired and tested tight. case closed.
spill #: 0912680 was reported on 03/05/2010 as 25 gal diesel spilled
onto parking lot and storm drain due to overfill. case closed and
referred to spill #: 0912687. spill #: 0912687 was reported on
03/05/2010 due to diesel spill onto parking lot and storm drain. case
closed. spill #: 1206812 was reported on 10/10/2012 as 10,000 gal
diesel tank (tank # 6) failed a tightness test due to loose gasket.
case closed. spill #: 1502628 was reported on 06/09/2015 as 50,000
gal #2 fuel oil tank failed a tightness test. case still open. a TTF
letter was sent on 06/16/2015. 1:02 PM:- spoke with Angelo
(718-579-4645) in facility department. he mentioned that John Healy
is no longer working at the site. he asked to contact Patrick
Hallahan. Patrick Hallahan Chief Engineer Ph. (718) 579-5680 email:
patrick.hallahan@nychhc.org 1:05 PM:- left message for Mr. Hallahan.
1:11 PM:- spoke with Dave Krochko (914-448-2266) at Woodard & Curran
regarding gw sampling activities. he mentioned that they never
received signed proposal from the property owner and still waiting
for reply. 2:53 PM:- called office of NYC Health and Hospitals Corp.
for point-of-contact regarding the site. site representative asked to
send letter to Mr. Raju’s attention. NYC Health & Hospitals Corp. 125
Worth Street New York, NY 10013 Attn.: Ramanathan Raju Ph. (212)
788-3321 3:20 PM:- sent letter to Mr. Hallahan and Mr. Raju including
copy of letter dated 08/14/2002 and email dated 06/16/2014. asked
them to submit report by the end of 10/16/15 including groundwater
sample results and flow direction. also asked them to immediately
renew PBS registration. letter emailed to Mr. Hallahan.
09/18/15-Hiralkumar Patel. 11:53 AM:- received message from Evan
Trumpatori. he inspected site yesterday to verify location of each
monitoring well. during inspection, he noted that five of the wells
are actually stick lines for USTs. he only found two (2) 1-inch
wells. Evan Trumpatori Woodard & Curran Ph. (914) 294-2414 (O) (631)
662-9991 (C) email: etrumpatori@wooodardcurran.com 1:25 PM:- spoke
with Evan. asked him to sample the two existing wells.
10/20/15-Hiralkumar Patel. received email from Evan (at 4:32 PM on
LINCOLN HOSPITAL (Continued)

10/15/15) including sampling report. abstract: - the nearest surface body is the Harlem River, located approx. 1,800 ft west of the site - five of the seven reported monitoring wells were product level gauging ports for USTs - the remaining were 1-inch wells - no free product was present in either well - marginally elevated PID readings (6.5 ppm in MW-1 and 0.3 ppm in MW-2) were noted in both wells and petroleum odor was observed in well MW-2 - both wells were installed to a depth of approx. 20 ft bg - depth to groundwater was approx. 15 ft bg ------------------- - few VOC compounds noted above limit (max. 46 ppb of n-Propylbenzene) - recommended installation of an additional monitoring wells to determine site specific groundwater flow direction report includes google view of the site with two well locations, but does not include site sketch with tank systems and its gauging ports. 10:07 AM:- sent email to Evan and asked to submit a site sketch including tank systems, its gauge ports and existing wells. email copied to Leonard Balgobin (Leonard.Balgobin@nychhc.org), Dave Krochko (dkrochko@woodardcurran.com) and Michael Heijden (mvanderheijden@woodardcurran.com). PBS registration has not been renewed yet. 10/23/15-Hiralkumar Patel. 9:22 AM:- received email from Evan including a google view. as per the submitted map, the north end of the four 50,000 gal tanks are under the existing building. 10/26/15-Hiralkumar Patel. 10:17 AM:- spoke with Evan and inquired him about position of north end of the four 50,000 gal tanks (under the building?). he mentioned that the google pic is old and currently there is a paved concrete area. so north end of the tanks are not under the building. asked Evan to submit a line drawing (with scale). 11/06/15-Hiralkumar Patel. 1:58 PM:- received email from Evan including a scaled site map. 12/02/15-Hiralkumar Patel. after discussing with DEC DeMeo, case closed based on available information (source removal, minimal impact to groundwater and no planned change of property use). PBS registration has not been renewed yet. 2:01 PM:- sent spill closure letter to Mr. Hallahan. letter emailed to Mr. Hallahan and Evan. **also refer spill #: 1502628.***

Remarks:  "cleanup in progress"

Material:
- Site ID:  84826
- Operable Unit ID:  857326
- Operable Unit:  01
- Material ID:  518819
- Material Code:  0066A
- Material Name:  unknown petroleum
- Case No.: Not reported
- Material FA: Petroleum
- Quantity:  .00
- Units: Gallons
- Recovered:  .00
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:

- Facility ID:  9515003
- Facility Type: ER
- DER Facility ID:  264984
LINCOLN HOSPITAL  (Continued)

Site ID: 329276
DEC Region: 2
Spill Date: 1996-02-22
Spill Number/Closed Date: 9515003 / 1996-02-22
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1996-02-22
CID: 257
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-02-22
Spill Record Last Update: 2005-11-30
Spiller Name: JIM CAREY
Spiller Company: CASTLE OIL CORPORATION
Spiller Address: 290 LOCUST AVENUE
Spiller City St,Zip: BRONX, NY 10454-
Spiller Company: 001
Contact Name: NICK BARTON
Contact Phone: (718) 579-5680
DEC Memo: *Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT # FOR LINCOLN MEDICAL - BUSY - 993-3860 CALLED MR. BARTON, D'AMICO - ENGINEER ON DUTY - SENT GUY OUT TO CHECK - ALL CLEAN - SAID CASTLE WAS DILIGENT*
Remarks: *truck malfunction cleanup crew there cleaning up now*

Material:
Site ID: 329276
Operable Unit ID: 1026111
Operable Unit: 01
Material ID: 355129
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 30.00
Units: Gallons
Recovered: 30.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
### MAP FINDINGS

<table>
<thead>
<tr>
<th>AE228</th>
<th>LINCOLN MEDICAL CENTER</th>
<th>NY LTANKS</th>
<th>S106385467</th>
</tr>
</thead>
<tbody>
<tr>
<td>East</td>
<td>234 EAST 149TH ST</td>
<td>NY Spills</td>
<td>N/A</td>
</tr>
<tr>
<td>1/4-1/2</td>
<td>BRONX, NY</td>
<td></td>
<td></td>
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<tr>
<td>0.379 mi.</td>
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<tr>
<td>1999 ft.</td>
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</tr>
<tr>
<td>Site 3 of 3 in cluster AE</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

**Relative:**

- **Higher**

**Actual:**

- 28 ft.

**LTANKS:**

- **Site ID:** 211660
- **Spill Number/Closed Date:** 0313236 / 2006-01-06
- **Spill Date:** 2004-03-02
- **Spill Cause:** Tank Test Failure
- **Spill Source:** Institutional, Educational, Gov., Other
- **Spill Class:** No spill occurred. No DEC Response. No corrective action required.
- **Clean up Ceased:** Not reported
- **Clean up Meets Standard:** False
- **SWIS:** 0301
- **Investigator:** BKFALVEY
- **Referred To:** Not reported
- **Reported to Dept:** 2004-03-02
- **CID:** 403
- **Water Affected:** Not reported
- **Spill Notifier:** Other
- **Last Inspection:** Not reported
- **Recommended Penalty:** False
- **UST Involvement:** False
- **Remediation Phase:** 0
- **Date Entered In Computer:** 2004-03-02
- **Spill Record Last Update:** 2006-09-26
- **Spiller Name:** EDWARD ZAMNETT
- **Spiller Company:** LINCOLN MEDICAL CENTER
- **Spiller Address:** 234 EAST 149TH ST
- **Spiller City, St, Zip:** BRONX, NY 10456
- **Spiller County:** 001
- **Spiller Contact:** EDWARD ZAMNETT
- **Spiller Phone:** (718) 579-5683
- **Spiller Extention:** Not reported
- **DEC Region:** 2
- **DER Facility ID:** 175403
- **DEC Memo:**

> "Prior to Sept. 2004 data translation this spill Lead_DEC Field was TIPPLE 8/18/04 tipple updating///Island tank 718-967-9424 doing work/investigating tank #1///tank #4 failed//// Spill assigned to James Drumm for SCI 11/7/05 tank was repaired and re-tested. passed. report in file 08/29/06-Vought-Received message from Brian Shaw (212-922-0777) asking whether tanks could be used. Vought returned call and unable to leave message as number left is not correct number for Shaw. 9/26/06 spoke to J. Drumm of CO. Spill was closed 1/06: report reviewed by Reg. 2 staff prior to 1/06. sent NFA letter at request of Edward Zammet of lincoln Medical Center. bf"

- **Remarks:**

> "tank test failure. they are unable to reach a pressure set type.possible man way gasket leak."

**Material:**

- **Site ID:** 211660
- **Operable Unit ID:** 878475
- **Operable Unit:** 01
- **Material ID:** 498394
- **Material Code:** 0001A
- **Material Name:** #2 fuel oil
- **Case No.:** Not reported
**LINCOLN MEDICAL CENTER (Continued)**

<table>
<thead>
<tr>
<th>Material FA:</th>
<th>Petroleum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity:</td>
<td>.00</td>
</tr>
<tr>
<td>Units:</td>
<td>Pounds</td>
</tr>
<tr>
<td>Recovered:</td>
<td>.00</td>
</tr>
<tr>
<td>Resource Affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Oxygenate:</td>
<td>Not reported</td>
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**Tank Test:**

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<tr>
<th>Site ID:</th>
<th>211660</th>
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<tbody>
<tr>
<td>Spill Tank Test:</td>
<td>1529014</td>
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<tr>
<td>Tank Number:</td>
<td>4</td>
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<tr>
<td>Tank Size:</td>
<td>50000</td>
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<tr>
<td>Test Method:</td>
<td>14</td>
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<td>Leak Rate:</td>
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<td>Gross Fail:</td>
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<tr>
<td>Modified By:</td>
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<td>Last Modified:</td>
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<td>Test Method:</td>
<td>VacuTest</td>
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**Spill Test:**

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<tbody>
<tr>
<td>Spill Number/Closed Date:</td>
<td>9310375 / 1993-11-27</td>
</tr>
<tr>
<td>Spill Date:</td>
<td>1993-11-26</td>
</tr>
<tr>
<td>Spill Cause:</td>
<td>Tank Overfill</td>
</tr>
<tr>
<td>Spill Source:</td>
<td>Institutional, Educational, Gov., Other</td>
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<tr>
<td>Spill Class:</td>
<td>Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.</td>
</tr>
<tr>
<td>Cleanup Ceased:</td>
<td>1993-11-27</td>
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<tr>
<td>Cleanup Meets Standard:</td>
<td>True</td>
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<tr>
<td>SWIS:</td>
<td>0301</td>
</tr>
<tr>
<td>Investigator:</td>
<td>KSTANG</td>
</tr>
<tr>
<td>Referred To:</td>
<td>Not reported</td>
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<td>Reported to Dept:</td>
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<td>CID:</td>
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<td>Date Entered In Computer:</td>
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<td>Spiller Address:</td>
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<td>Spiller City,St,Zip:</td>
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<td>DER Facility ID:</td>
<td>193601</td>
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<tr>
<td>DEC Memo:</td>
<td>&quot;Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG *</td>
</tr>
<tr>
<td>Remarks:</td>
<td>&quot;TANK OVERFLOW INTO SEWER, DEP ON SCENE TO CLEAN.&quot;</td>
</tr>
</tbody>
</table>
LINCOLN MEDICAL CENTER (Continued)

Material:
- Site ID: 235057
- Operable Unit ID: 992089
- Operable Unit: 01
- Material ID: 392989
- Material Code: 0003A
- Material Name: #6 fuel oil
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: 30.00
- Units: Gallons
- Recovered: .00
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:
- Site ID: 508906
- Spill Number/Closed Date: 1502628 / Not Reported
- Spill Date: 2015-06-09
- Spill Cause: Tank Test Failure
- Spill Source: Institutional, Educational, Gov., Other
- Spill Class: Not reported
- Cleanup Ceased: Not reported
- Cleanup Meets Standard: False
- SWIS: 0301
- Investigator: vszhune
- Referred To: Not reported
- Reported to Dept: 2015-06-09
- CID: Not reported
- Water Affected: Not reported
- Spill Notifier: Tank Tester
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Involvement: False
- Remediation Phase: 1
- Date Entered In Computer: 2015-06-09
- Spill Record Last Update: 2016-10-05
- Spiller Name: ANGELO
- Spiller Company: LINCOLN HOSPITAL
- Spiller Address: 234 EAST 149TH ST
- Spiller City,St,Zip: BRONX, NY
- Spiller County: 999
- Spiller Contact: RICKY ROUFF
- Spiller Phone: (917) 593-2154
- Spiller Extention: Not reported
- DEC Region: 2
- DER Facility ID: 175403
LINCOLN MEDICAL CENTER (Continued)

Place, 229-245 East 144th Street PBS #: 2-327727. as per PBS record, the site has/had following tanks: - four (4) 50,000 gal #2 oil USTs, in-service, installed in Sep. 1970 - two (2) 10,000 gal diesel USTs, in-service, installed in Sep. 1970 - one (1) 100 gal diesel AST in contact with impervious barrier, in-service, installed in Sep. 1970 - one (1) 275 gal diesel AST in contact with impervious barrier, in-service, installed in Oct. 2009 - one (1) 100 gal diesel AST on legs, removed in Nov. 2009 PBS registration expired on 08/28/2012. Other spills: 9208811, 9310375, 9515003, 0204573, 0313236, 0912680, 0912687, 1206812 spill #: 9208811 was reported on 10/30/1992 due to 3 gal #2 oil spill. case closed. spill #: 9310375 was reported on 11/26/1993 as 30 gal #6 oil spilled into sewer due to tank overfill. case closed. spill #: 9515003 was reported on 02/22/1996 as 30 gal #6 oil spilled due to truck malfunction. case closed. spill #: 0204573 was reported on 07/31/2002 due to findings of soil contamination. case still open. spill #: 0313236 was reported on 03/02/2004 as 50,000 gal #2 oil tank (tank # 4) failed a tightness test. tank was repaired and tested tight. case closed. spill #: 0912680 was reported on 03/05/2010 as 25 gal diesel spilled onto parking lot and storm drain due to overfill. case closed and referred to spill #: 0912687. spill #: 0912687 was reported on 03/05/2010 due to diesel spill onto parking lot and storm drain. case closed. spill #: 1206812 was reported on 10/10/2012 as 10,000 gal diesel tank (tank # 6) failed a tightness test due to loose gasket. case closed.

Lincoln Hospital 234 E 149th Street Bronx, NY 10451 Attn.: Patrick Hallahan Chief Engineer Ph. (718) 579-5680 (O) email: patrick.hallahan@nychhc.org NYC Health & Hospitals Corp. 125 Worth Street New York, NY 10013 Attn.: Ramanathan Raju Ph. (212) 788-3321 12/04/15-Hiralkumar Patel. received letter from Leonard Balgobin (718-579-5071) from NYCHHC. he mentioned that Woodard and Curran has been hired to assist in complying with PBS requirements. 06/09/16-Hiralkumar Patel. 3:48 PM:- left message for Mr. Hallahan. 3:59 PM:- sent email to Mr. Hallahan including copy of letter dated 06/16/15. asked him to submit required documents immediately. 10/05/16-Hiralkumar Patel. after discussing with DEC Vought and DEC Zhune, case assigned to DEC Zhune. **PBS expired.** ***refer to spill #: 0204573 also.***

Remarks: "50000 gallon tank"

Material:
- Site ID: 508906
- Operable Unit ID: 1258203
- Operable Unit: 01
- Material ID: 2261325
- Material Code: 0001A
- Material Name: #2 fuel oil
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: Not reported
- Units: Not reported
- Recovered: Not reported
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:
SPILLS:

Facility ID: 9208811
Facility Type: ER
DER Facility ID: 193601
Site ID: 235056
DEC Region: 2
Spill Date: 1992-10-30
Spill Number/Closed Date: 9208811 / 1992-10-30
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1992-10-30
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: 1992-10-30
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-11-04
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: *Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG *
Remarks: *CLEANED BY HOSPITAL MAINTENANCE CREW IT IS ON CONCRETE*

Material:

Site ID: 235056
Operable Unit ID: 972349
Operable Unit: 01
Material ID: 405889
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 3.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
### MAP FINDINGS

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site Dimensions</th>
<th>Site 1 of 5 in cluster AG</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG229</td>
<td>South</td>
<td>1/4-1/2</td>
<td>0.379 mi.</td>
<td>2003 ft.</td>
<td></td>
</tr>
</tbody>
</table>

#### LTANKS:

- **Site ID:** 163341
- **Spill Number/Closed Date:** 8607426 / 1987-03-07
- **Spill Date:** 1987-03-07
- **Spill Cause:** Tank Overfill
- **Spill Source:** Tank Truck
- **Spill Class:** Not reported
- **Cleanup Ceased:** 1987-03-07
- **Cleanup Meets Standard:** True
- **SWIS:** 0301
- **Investigator:** UNASSIGNED
- **Referred To:** Not reported
- **Reported to Dept:** 1987-03-07
- **CID:** Not reported
- **Water Affected:** Not reported
- **Spill Notifier:** Responsible Party
- **Last Inspection:** Not reported
- **Recommended Penalty:** False
- **UST Involvement:** False
- **Remediation Phase:** 0
- **Date Entered in Computer:** 1987-04-03
- **Spill Record Last Update:** 2002-11-01
- **Spiller Name:** Not reported
- **Spiller Company:** LITC
- **Spiller Address:** Not reported
- **Spiller City, St, Zip:** ZZ
- **Spiller County:** 001
- **Spiller Contact:** Not reported
- **Spiller Phone:** Not reported
- **Spiller Extention:** Not reported
- **DEC Region:** 2
- **DER Facility ID:** 274309
- **DEC Memo:** "Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
- **Remarks:** "MPC WILL VACUUM SPILL AT 11:00."

#### Material:

- **Site ID:** 163341
- **Operable Unit ID:** 905180
- **Operable Unit:** 01
- **Material ID:** 472931
- **Material Code:** 0009
- **Material Name:** gasoline
- **Case No.:** Not reported
- **Material FA:** Petroleum
- **Quantity:** 1.00
- **Units:** Gallons
- **Recovered:** 0.00
- **Resource Affected:** Not reported
- **Oxygenate:** Not reported

#### Tank Test:

- **Tank Test:** Not reported
AG230  242 EAST 138TH STREET, INC.  NY LTANKS  U003069066
SSE  242 EAST 138TH STREET  NY UST  N/A
1/4-1/2  2004 ft.  Site 2 of 5 in cluster AG
0.380 mi.  Relative: Lower
Actual: 19 ft.
LTANKS:
Site ID: 297794
Spill Number/Closed Date: 9101289 / 2007-02-02
Spill Date: 1991-04-29
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: JBVUGHT
Referred To: NO FILE
Reported to Dept: 1991-05-01
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1991-05-02
Spill Record Last Update: 2007-02-02
Spiller Name: Not reported
Spiller Company: CITGO
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 240932
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN REFER TO SPILL # 9101008 ( PIN# 91214 ) 1/8/04 Reassigned from Sullivan to Sun. 12/16/2005 - Feng - Reassigned from Sun to Feng as per Sun. (RUF) 2/2/07-Vought-This spill reassigned from Feng to Vought due to existing PIN project on site. This spill closed and referred to open spill #9101008. Spill closed by Vought."
Remarks: "(1)4K TANK, SYSTEM TEST FAILED PERTO TITE WITH A GROSS LEAK, DEC INSTRUCTED CITGO TO INSTALL MONITORING WELLS."

Material:
Site ID: 297794
Operable Unit ID: 954876
Operable Unit: 01
Material ID: 427410
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: Pounds
242 EAST 138TH STREET, INC.  (Continued)

Recovered:  .00
Resource Affected:  Not reported
Oxygenate:  Not reported

Tank Test:
Site ID:  297794
Spill Tank Test:  1538517
Tank Number:  Not reported
Tank Size:  0
Test Method:  .00
Leak Rate:  .00
Gross Fail:  Not reported
Modified By:  Spills
Last Modified:  Not reported
Test Method:  Unknown

UST:
Id/Status:  2-600201  /  Active
Program Type:  PBS
Region:  STATE
DEC Region:  2
Expiration Date:  07/08/2001
UTM X:  590405.35962
UTM Y:  4518370.95838
Site Type:  Retail Gasoline Sales

Affiliation Records:
Site Id:  22184
Affiliation Type:  Facility Owner
Company Name:  LEAH MARKOWITZ
Contact Type:  Not reported
Contact Name:  Not reported
Address1:  14 WEST 85TH STREET-APT #1
Address2:  Not reported
City:  NEW YORK
State:  NY
Zip Code:  10024
Country Code:  001
Phone:  (718) 531-4305
EMail:  Not reported
Fax Number:  Not reported
Modified By:  EXROSSAN
Date Last Modified:  2005-07-05

Site Id:  22184
Affiliation Type:  Mail Contact
Company Name:  242 EAST 138TH STREET, INC.
Contact Type:  Not reported
Contact Name:  G. SINGH
Address1:  276 NORTH HENRY STREET
Address2:  Not reported
City:  BROOKLYN
State:  NY
Zip Code:  11222
Country Code:  001
Phone:  (718) 349-0555
### 242 EAST 138TH STREET, INC. (Continued)

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Site Id</td>
<td>22184</td>
</tr>
<tr>
<td>Affiliation Type</td>
<td>Emergency Contact</td>
</tr>
<tr>
<td>Company Name</td>
<td>LEAH MARKOWITZ</td>
</tr>
<tr>
<td>Contact Type</td>
<td>Not reported</td>
</tr>
<tr>
<td>Contact Name</td>
<td>G. SINGH</td>
</tr>
<tr>
<td>Address1</td>
<td>Not reported</td>
</tr>
<tr>
<td>Address2</td>
<td>Not reported</td>
</tr>
<tr>
<td>City</td>
<td>Not reported</td>
</tr>
<tr>
<td>State</td>
<td>NY</td>
</tr>
<tr>
<td>Zip Code</td>
<td>Not reported</td>
</tr>
<tr>
<td>Country Code</td>
<td>999</td>
</tr>
<tr>
<td>Phone</td>
<td>(718) 349-0555</td>
</tr>
<tr>
<td>EMail</td>
<td>Not reported</td>
</tr>
<tr>
<td>Fax Number</td>
<td>Not reported</td>
</tr>
<tr>
<td>Modified By</td>
<td>EXROSSAN</td>
</tr>
<tr>
<td>Date Last Modified</td>
<td>2005-07-05</td>
</tr>
</tbody>
</table>

#### Tank Info:

<table>
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<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Tank Number</td>
<td>001</td>
</tr>
<tr>
<td>Tank ID</td>
<td>41526</td>
</tr>
<tr>
<td>Tank Status</td>
<td>In Service</td>
</tr>
<tr>
<td>Material Name</td>
<td>In Service</td>
</tr>
<tr>
<td>Capacity Gallons</td>
<td>4000</td>
</tr>
<tr>
<td>Install Date</td>
<td>12/01/1983</td>
</tr>
<tr>
<td>Date Tank Closed</td>
<td>Not reported</td>
</tr>
<tr>
<td>Registered</td>
<td>True</td>
</tr>
<tr>
<td>Tank Location</td>
<td>Underground</td>
</tr>
<tr>
<td>Tank Type</td>
<td>Steel/carbon steel</td>
</tr>
<tr>
<td>Material Code</td>
<td>0009</td>
</tr>
<tr>
<td>Common Name of Substance</td>
<td>Gasoline</td>
</tr>
<tr>
<td>Tightness Test Method</td>
<td>03</td>
</tr>
<tr>
<td>Date Test</td>
<td>01/01/1997</td>
</tr>
<tr>
<td>Next Test Date</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
242 EAST 138TH STREET, INC.  (Continued)

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
J01 - Dispenser - Pressurized Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Number: 002
Tank ID: 41527
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1983
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline
Tightness Test Method: 03
Date Test: 01/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Tank Number: 003
Tank ID: 41528
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1983
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
242 EAST 138TH STREET, INC. (Continued)

<table>
<thead>
<tr>
<th>Material Code</th>
<th>Common Name of Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>0009</td>
<td>Gasoline</td>
</tr>
</tbody>
</table>

**Equipment Records:****

- **B01 - Tank External Protection - Painted/Asphalt Coating**
- **H00 - Tank Leak Detection - None**
- **D01 - Pipe Type - Steel/Carbon Steel/Iron**
- **F01 - Pipe External Protection - Painted/Asphalt Coating**
- **A00 - Tank Internal Protection - None**
- **C02 - Pipe Location - Underground/On-ground**
- **G00 - Tank Secondary Containment - None**
- **I00 - Overfill - None**
- **J01 - Dispenser - Pressurized Dispenser**

**Tank Number:** 004  
**Tank ID:** 41529  
**Tank Status:** In Service  
**Material Name:** In Service  
**Capacity Gallons:** 4000  
**Install Date:** 12/01/1983  
**Date Tank Closed:** Not reported  
**Registered:** True  
**Tank Location:** Underground  
**Tank Type:** Steel/carbon steel  
**Material Code:** 0008  
**Common Name of Substance:** Diesel  

**Equipment Records:**

- **A00 - Tank Internal Protection - None**
- **C02 - Pipe Location - Underground/On-ground**
- **G00 - Tank Secondary Containment - None**
- **I00 - Overfill - None**
- **D01 - Pipe Type - Steel/Carbon Steel/Iron**
- **F01 - Pipe External Protection - Painted/Asphalt Coating**
- **J01 - Dispenser - Pressurized Dispenser**
- **B01 - Tank External Protection - Painted/Asphalt Coating**
- **H00 - Tank Leak Detection - None**
231 NNE 1/4-1/2 0.387 mi. 2041 ft.

LTANKS:
Site ID: 231377
Spill Number/Closed Date: 9007668 / 2001-05-11
Spill Date: 1990-10-13
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Cleanup ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: SJMILLER
Referred To: Not reported
Reported to Dept: 1990-10-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1990-10-31
Spill Record Last Update: 2001-05-15
Spiller Name: Not reported
Spiller Company: GERARD AVE VMF
Spiller Address: 580 GERARD AVENUE
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 190688

DEC Memo:
"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER 5/15/01: OFF HOUR SPILL REPORT OF TANK TEST FAILURE ASSIGNED TO BATTISTA FILE, REASSIGNED TO RESPONDER MILLER. CROSS-REFERENCE TO SPILL REPORT NO. 9213223: SAME FACILITY. ACCORDING TO SUBMITTED ATC REPORTS: 5,000-GAL FO UST WAS REMOVED AND REPLACED (W/2,500-GAL UST) IN 1993; 2000 SUBSURFACE INVESTIGATION SHOWED NO VISUAL, OLFACTORY, OR PID EVIDENCE OF CONTAMINATION/RELEASE. SOIL ANALYSIS WERE NON-DETECT FOR VOCs, AND PAH LEVELS ARE CONSISTENT WITH OBVIOUS FILL MATERIAL (i.e., COAL/ASPHALT); GROUND WATER WAS NOT ENCOUNTERED BEFORE BEDROCK REFUSAL AT 12 FT DEPTH."

Remarks: "3K TANK FAILED VACUTEST WITH A GROSS LEAK, POSSIBLE VENT LINE, WILL NOTIFY VMF."

Material:
Site ID: 231377
Operable Unit ID: 948309
Operable Unit: 01
Material ID: 431514
Material Code: 0001A
Material Name: #2 fuel oil
**USPS VEHICLE MAINT. FAC. (Continued)**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case No.</td>
<td>Not reported</td>
</tr>
<tr>
<td>Material FA</td>
<td>Petroleum</td>
</tr>
<tr>
<td>Quantity</td>
<td>-1.00</td>
</tr>
<tr>
<td>Units</td>
<td>Pounds</td>
</tr>
<tr>
<td>Recovered</td>
<td>.00</td>
</tr>
<tr>
<td>Resource Affected</td>
<td>Not reported</td>
</tr>
<tr>
<td>Oxygenate</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**Tank Test:**

- Site ID: 231377
- Spill Tank Test: 1537709
- Tank Number: Not reported
- Tank Size: 0
- Test Method: 00
- Leak Rate: .00
- Gross Fail: Not reported
- Modified By: Spills
- Last Modified: Not reported
- Test Method: Unknown

**SPILLS:**

- Facility ID: 9213223
- Facility Type: ER
- DER Facility ID: 190688
- Site ID: 231378
- DEC Region: 2
- Spill Date: 1993-02-27
- Spill Number/Closed Date: 9213223 / 2001-05-11
- Spill Cause: Equipment Failure
- Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- SWIS: 0301
- Investigator: SJMILLER
- Referred To: Not reported
- Reported to Dept: 1993-02-27
- CID: Not reported
- Water Affected: Not reported
- Spill Source: Commercial/Industrial
- Spill Notifier: Other
- Cleanup Ceased: Not reported
- Cleanup Meets Std: False
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Trust: False
- Remediation Phase: 0
- Date Entered In Computer: 1993-03-10
- Spill Record Last Update: 2001-05-15
- Spiller Name: Not reported
- Spiller Company: GERARD AVE VMF
- Spiller Address: Not reported
- Spiller City,St,Zip: ZZ
- Spiller Company: 001
- Contact Name: Not reported
- Contact Phone: Not reported
- DEC Memo: *Prior to Sept, 2004 data translation this spill Lead_DEC Field was
USPS VEHICLE MAINT. FAC. (Continued)

MILLER 5/11/2001, OFF HOURS REPORT REASSIGNED FROM TANG TO RESPONDER MILLER. CROSS-REFERENCE TO SPILL REPORT NO. 9007668: SAME FACILITY. ACCORDING TO ATC REPORTS: NINE 550GAL GASOLINE USTS WERE REMOVED IN 1993 WITH APPROX. 22 TONS OF CONTAMINATED SOIL. 2000 SUBSURFACE INVESTIGATION SHOWED NO VISUAL, NO OLFACTORY. VERY LOW PID EVIDENCE OF CONTAMINATION/RELEASE; SOIL ANALYSIS SHOWED NON-DETECT FOR VOCS & PAH LEVELS WERE CONSISTENT WITH OBVIOUS FILL MATERIAL (i.e., COAL/ASPHALT); GROUND WATER ANALYSIS SHOWED NON-DETECT/TRACE PAH'S & NON-DETECT/VERY LOW VOCS.

Remarks: "EXCAVATING TANK AT 580 GERARD, FOUND GASOLINE ODOR, TANKS ARE BEING REMOVED, VENTING AREA, WILL CONTRACT FOR ENGINEERING SVC. & REPAIR. ON MONDAY WILL COME BACK TO REMOVE ALL CONTAMINATION AND SOIL."

Material:

<table>
<thead>
<tr>
<th>Site ID:</th>
<th>231378</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operable Unit ID:</td>
<td>977548</td>
</tr>
<tr>
<td>Operable Unit:</td>
<td>01</td>
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<tr>
<td>Material ID:</td>
<td>403025</td>
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<td>Material Code:</td>
<td>0009</td>
</tr>
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<td>Material Name:</td>
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</tr>
<tr>
<td>Case No.:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Material FA:</td>
<td>Petroleum</td>
</tr>
<tr>
<td>Quantity:</td>
<td>-1.00</td>
</tr>
<tr>
<td>Units:</td>
<td>Pounds</td>
</tr>
<tr>
<td>Recovered:</td>
<td>.00</td>
</tr>
</tbody>
</table>

Tank Test: Not reported

AG232 RIDER AVENUE GAS STATION US BROWNFIELDS 1019322148
SSE 250 EAST 138TH STREET N/A
1/4-1/2 BRONX, NY 10451
0.390 mi. Site 3 of 5 in cluster AG
2058 ft. Relative: US BROWNFIELDS:
Lower Actual: 20 ft.

Property Name: RIDER AVENUE GAS STATION
Recipient Name: New York, City of
Grant Type: Assessment
Property Number: Block 2320, Lot 66
Parcel size: .26
Latitude: 40.811164
Longitude: -73.928108000000001
HCM Label: Address Matching-House Number
Map Scale: Not reported
Point of Reference: Entrance Point of a Facility or Station
Highlights: Not reported
Datum: North American Datum of 1983
Acres Property ID: 151042
IC Data Access: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
RIDER AVENUE GAS STATION (Continued)

Assessment Funding: 2350
Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: EPA
Cleanup Funding Entity: Not reported
Grant Type: Petroleum
Accomplishment Type: Phase I Environmental Assessment
Accomplishment Count: 1
Cooperative Agreement Number: 97257806
Start Date: 03/05/2012 00:00:00
Ownership Entity: Private
Completion Date: 06/05/2012 00:00:00
Current Owner: Think Big Auto Rent/Lease
Did Owner Change: N
Cleanup Required: U
Video Available: N
Photo Available: Y
Institutional Controls Required: U
IC Category Proprietary Controls: Not reported
IC Cat. Info. Devices: Not reported
IC Cat. Gov. Controls: Not reported
IC Cat. Enforcement Permit Tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controled substance found: Not reported
Controled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported
Groundwater affected: Not reported
Groundwater cleaned: Not reported
Lead contaminant found: Not reported
Lead cleaned up: Not reported
No media affected: Not reported
Unknown media affected: Y
Other cleaned up: Not reported
Other metals found: Not reported
Other metals cleaned: Not reported
Other contaminants found: Not reported
Other contams found description: Not reported
PAHs found: Not reported
PAHs cleaned up: Not reported
PCBs found: Not reported
PCBs cleaned up: Not reported
Petro products found: Not reported
Petro products cleaned: Not reported
Sediments found: Not reported
Sediments cleaned: Not reported
### Map Findings

**RIDER AVENUE GAS STATION (Continued)**

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<thead>
<tr>
<th>Property Description:</th>
<th>Gas station with service area</th>
</tr>
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<tbody>
<tr>
<td>Below Poverty Number:</td>
<td>12271</td>
</tr>
<tr>
<td>Below Poverty Percent:</td>
<td>2.6%</td>
</tr>
<tr>
<td>Meidan Income:</td>
<td>5174</td>
</tr>
<tr>
<td>Meidan Income Number:</td>
<td>21290</td>
</tr>
<tr>
<td>Meidan Income Percent:</td>
<td>1.5%</td>
</tr>
<tr>
<td>Vacant Housing Number:</td>
<td>1055</td>
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<tr>
<td>Vacant Housing Percent:</td>
<td>28.7%</td>
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<table>
<thead>
<tr>
<th>Soil affected:</th>
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</tr>
</thead>
<tbody>
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<td>Soil cleaned up:</td>
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<tr>
<td>Surface water cleaned:</td>
<td>Not reported</td>
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<tr>
<td>VOCs found:</td>
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<td>VOCs cleaned:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cleanup other description:</td>
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</tr>
<tr>
<td>Num. of cleanup and re-dev. jobs:</td>
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</tr>
<tr>
<td>Past use greenspace acreage:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Past use residential acreage:</td>
<td>Not reported</td>
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<tr>
<td>Future use greenspace acreage:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Future use residential acreage:</td>
<td>Not reported</td>
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<tr>
<td>Future use commercial acreage:</td>
<td>Not reported</td>
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<tr>
<td>Future use industrial acreage:</td>
<td>Not reported</td>
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<tr>
<td>Greenspace acreage and type:</td>
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<tr>
<td>Superfund Fed. landowner flag:</td>
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<tr>
<td>Arsenic cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cadmium cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Chromium cleaned up:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Copper cleaned up:</td>
<td>Not reported</td>
</tr>
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**EPA ID Number:** 1019322148
RIDER AVENUE GAS STATION (Continued)

Unemployed Number: 1887
Unemployed Percent: 16.6%

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1019322148

RIDER AVENUE GAS STATION
250 EAST 138TH STREET
BRONX, NY 10451

Site 4 of 5 in cluster AG

SHWS:
- Program: HW
- Site Code: 437424
- Classification: N
- Region: 2
- Acres: 0.258
- HW Code: 203051
- Record Add: 07/14/2010
- Record Upd: 04/16/2013
- Updated By: RJCOZZY

Site Description: Part of Port Morris Zone 1 BOA. DEC #BOA00032 DOS #10BOA002 Site investigation could not be funded under BOA since there is an ongoing State enforcement action.

Env Problem: Not reported
Health Problem: Not reported
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Owner
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
RIDER AVENUE GAS STATION (Continued)

Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

234 SPILL NUMBER 9808791 NY LTANKS S104619748
South 75 CANAL ST N/A
1/4-1/2 0.392 mi. N/A
0.392 mi. 2068 ft. N/A

SPILL NUMBER 9808791

Case No.: Not reported
Material Name: gasoline

LTANKS:
Site ID: 163031
Spill Number/Closed Date: 9808791 / 1998-10-15
Spill Date: 1998-10-13
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: JXZHAO
Referred To: Not reported
Reported to Dept: 1998-10-15
CID: 382
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-10-15
Spill Record Last Update: 1998-10-16
Spiller Name: Not reported
Spiller Company: ISLAND TRANSPORTATION
Spiller Address: 299 EDISON AVE
Spiller City,St,Zip: W.BABYLON, NY 11704-
Spiller County: 001
Spiller Contact: SCOTT ALNWICK
Spiller Phone: (718) 821-6900
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 137501
DEC Memo: "Prior to Sept. 2004 data translation this spill Lead_DEC Field was
ZHАО SPILL CONTAINED AND CLEANED UP."
Remarks: "DRIVER WAS FILLING UP AN INGROUND TANK AND OVERFILL RESULTED.
DILUTION WAS INITIATED AS WELL AS SPEEDY DRY WAS USED."

Material:
Site ID: 163031
Operable Unit ID: 1066189
Operable Unit: 01
Material ID: 316277
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
### SPILL NUMBER 9808791 (Continued)

**Material FA:** Petroleum  
**Quantity:** 5.00  
**Units:** Gallons  
**Recovered:** 5.00  
**Resource Affected:** Not reported  
**Oxygenate:** Not reported

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**Tank Test:**

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**ENG CONTROLS:**

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**Site Description:** Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and is currently vacant with no on-site structures. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

**Env Problem:** Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported
for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b)fluoranthena at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m³) to 373 ug/m³. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining
FORMER G & C SERVICES (Continued)

contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dock: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip: New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
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FORMER G & C SERVICES (Continued)  S110768286

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Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial
Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm.

Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment.

Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current threat to human health or the environment.
FORMER G & C SERVICES (Continued)  S110768286

concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Disp: Not reported

Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE

Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Owner Op: Applicant/Requestor

Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Owner Op: Owner

Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip: New York, NY 10018
Owner Country: United States of America
Owner Op: Owner

Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America

HW Code: C203057
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Record Updated: 9/28/2016 10:47:00 AM
Updated By: JAAVERSA
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Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 201600336912
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Crossref ID: 2011-05-19
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Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG
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HW Code: C203057
Control Code: 08
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 12/29/2016
Updated By: YYWONG
Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in...
Soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b)fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m³) to 373 ug/m³. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan. Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.
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FORMER G & C SERVICES (Continued)

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Updated By: YYWONG
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Control Code: 25
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Dt record added: 09/28/2016
Dt rec updated: 12/29/2016
Updated By: YYWONG
Site Code: 444720
Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and is currently vacant with no on-site structures. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is...
an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chryrsene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a
maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan. Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Add2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
**FORMER G & C SERVICES (Continued)**

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TC5022723.2s  Page 692
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Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and is currently vacant with no on-site structures. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to
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FORMER G & C SERVICES (Continued)

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Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
FORMER G & C SERVICES (Continued)

Owner City, St, Zip: New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City, St, Zip: New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
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HW Code: C203057
Waste Type: N-PROPYLBENZENE
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Waste Type: BENZO(K)FLUORANTHENE
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FORMER G & C SERVICES (Continued)

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- Updated By: JAAVERS
- Crossref ID: C203057-05-11
- Cross Ref Type Code: Cross Ref Type: Agreement/Consent Order Number
- Record Added Date: 9/28/2016 10:48:00 AM
- Record Updated: 9/28/2016 10:48:00 AM
- Updated By: YYWONG
Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station.

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and is currently vacant with no on-site structures. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 245 East 138th Street) has been operated as a gas station and commercial storefront, to the north (across East 138th Street) is a senior citizens complex, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building, to the west is a large, multi-story former industrial buildings, to the north are large, multi-story former industrial buildings, to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 245 East 138th Street) has been operated as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 255 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station.
The site is completely fenced, which restricts public access. People contamination is being managed under a Site Management Plan. actions have successfully achieved soil cleanup objectives. Remaining be related to the presence of historic fill material. Remedial semi-volatile organic compounds (SVOCs) and metals, which appear to remediation, the primary contaminants of concern at the site are post-Remediation: Remediation at the site is complete. Prior to Threat: NYSDEC and NYSDOH have determined that this site does not from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b)fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan. Health Problem: The site is completely fenced, which restricts public access. People
FORMER G & C SERVICES (Continued)  

are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Owner Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Owner Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Owner Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip: New York, NY 10018
Owner Country: United States of America
Owner Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: C203057
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FORMER G & C SERVICES (Continued)  S110768286

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HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
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HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code: PBS No.
Record Added Date: 12/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By:  JAAVERSA
Crossref ID:  C203057-05-11
Cross Ref Type Code: Agreement/Consent Order Number
Record Added Date: 12/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By:  YYWONG
Crossref ID:  2016000336912
Cross Ref Type Code: County Recording Identifier
Record Added Date: 12/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By:  YYWONG
Crossref ID:  2011-05-19
Cross Ref Type Code: Agreement/Consent Order Date
Record Added Date: 12/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By:  YYWONG
FORMER G & C SERVICES (Continued)

Site Code: 444720
Control Name: Soil Management Plan
HW Code: C203057
Control Code: 14
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 12/29/2016
Updated By: YYWONG
Site Code: 444720
Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and is currently vacant with no on-site structures.
Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the
site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment.

Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
FORMER G & C SERVICES (Continued)
FORMER G & C SERVICES  (Continued)  

| Waste Code: | Not reported |
| HW Code: | C203057 |
| Waste Type: | COBALT |
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| Waste Code: | Not reported |
| HW Code: | C203057 |
| Waste Type: | COPPER |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | C203057 |
| Waste Type: | BENZO(K)FLUORANTHENE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | C203057 |
| Waste Type: | BENZO(B)FLUORANTHENE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | C203057 |
| Waste Type: | TOLUENE |
| Waste Quantity: | UNKNOWN |
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| HW Code: | C203057 |
| Waste Type: | BARIUM |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | C203057 |
| Waste Type: | indeno(1,2,3-cd)pyrene |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | C203057 |
| Waste Type: | 1,2,4-TRIMETHYL BENZENE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | C203057 |
| Waste Type: | XYLENE (MIXED) |
| Waste Quantity: | UNKNOWN |
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| Waste Type: | Chrysene |
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| Waste Type: | ARSENIC |
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| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | C203057 |
| Waste Type: | MANGANESE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
FORMER G & C SERVICES (Continued)

HW Code: C203057  Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN  Waste Code: Not reported
HW Code: C203057  Waste Type: CADMIUM
Waste Quantity: UNKNOWN  Waste Code: Not reported
HW Code: C203057  Waste Type: BENZENE
Waste Quantity: UNKNOWN  Waste Code: Not reported
HW Code: C203057  Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN  Waste Code: Not reported

Cross Ref Type Code: PBS No.
Record Added Date: 2/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11

Cross Ref Type Code: Agreement/Consent Order Number
Record Added Date: 2/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912

Cross Ref Type Code: County Recording Identifier
Record Added Date: 2/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19

Site Code: 444720
Control Name: Site Management Plan
HW Code: C203057
Control Code: 32
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 12/29/2016
Updated By: YYWONG
Site Code: 444720
Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000
square feet and is currently vacant with no on-site structures. Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade. Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence...
and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b)fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan. Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
## FORMER G & C SERVICES (Continued)

**Owner Name:** Jeanine Thomas-Cross  
**Owner Company:** Mott Haven Library  
**Owner Address:** 321 East 140th Street  
**Owner City,St,Zip:** Bronx, NY 10454  
**Owner Country:** United States of America  
**Own Op:** Applicant/Requestor  
**Sub Type:** P03

**Owner Name:** Roger Pine  
**Owner Company:** East 138th Street LLC c/o Lettire Construction  
**Owner Address:** Lettire Construction Corp  
**Owner City,St,Zip:** New York, NY 10029  
**Owner Country:** United States of America  
**Own Op:** Owner  
**Sub Type:** P03

**Owner Name:** Daniel M. Cohen  
**Owner Company:** HP East 138th Street Housing Development Fund Company, Inc.  
**Owner Address:** 242 West 36th Street  
**Owner City,St,Zip:** New York, NY 10018  
**Owner Country:** United States of America  
**Own Op:** Owner  
**Sub Type:** P03

**Owner Name:** Nicholas Lettire  
**Owner Company:** East 138th Street LLC  
**Owner Address:** 334-336 East 110th Street  
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Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and is currently vacant with no on-site structures.

Current Zoning and Land Use: The property is in a special mixed-use district, zoned M1-4/R7X (manufacturing/residential). The site is currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied...
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Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b)fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm.

Groundwater - Groundwater beneath the site is contaminated with petroleum-related...
VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (µg/m³) to 373 µg/m³. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

**Health Problem:**

The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

- **Dump:** False
- **Structure:** False
- **Lagoon:** False
- **Landfill:** False
- **Pond:** False
- **Disp Start:** Not reported
- **Disp Term:** Not reported
- **Lat/Long:** Not reported
- **Dell:** Not reported
- **Record Add:** 2/4/2011 9:35:00 AM
- **Record Upd:** 12/5/2011 11:20:00 AM
- **Updated By:** JHOCONNE
- **Own Op:** Document Repository
- **Sub Type:** NNN
- **Owner Name:** Jeanine Thomas-Cross
- **Owner Company:** Mott Haven Library
- **Owner Address:** 321 East 140th Street
- **Owner Addr2:** Not reported
- **Owner City,St,Zip:** Bronx, NY 10454
- **Owner Country:** United States of America
- **Own Op:** Applicant/Requestor
- **Sub Type:** P03
- **Owner Name:** Roger Pine
- **Owner Company:** East 138th Street LLC c/o Lettire Construction
- **Owner Address:** Lettire Construction Corp

TC5022723.2s  Page 715
FORMER G & C SERVICES (Continued)

Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Owner Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip: New York, NY 10018
Owner Country: United States of America
Owner Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: Not reported
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Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG

AH236  NYC TRANSIT  NY LTANKS  S106702990
NW  146TH ST & LENOX  N/A
1/4-1/2  NEW YORK, NY
0.412 mi.  N/A
2177 ft.  Site 1 of 4 in cluster AH

Relative: Lower
Actual: 8 ft.

LTANKS:
Site ID: 138340
Spill Number/Closed Date: 0009127 / 2002-07-10
Spill Date: 2000-11-07
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2000-11-07
CID: 270
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 2000-11-07
Spill Record Last Update: 2003-10-24
Spiller Name: Not reported
Spiller Company: NYC TRANSIT
Spiller Address: 146TH ST AT/LENOX
Spiller City,St,Zip: MANHATTAN, NY -
Spiller County: 001
Spiller Contact: LENNY
Spiller Phone: Not reported
NYC TRANSIT (Continued)

<table>
<thead>
<tr>
<th>Spiller Extention:</th>
<th>Not reported</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEC Region:</td>
<td>2</td>
</tr>
<tr>
<td>DER Facility ID:</td>
<td>284309</td>
</tr>
<tr>
<td>DEC Memo:</td>
<td>&quot;Prior to Sept. 2004 data translation this spill Lead_DEC Field was TIBBE LEAK IN ABOVEGROUND VENT LINE. NO SPILL. REPAIRED AND RETESTED AND PASSED.&quot;</td>
</tr>
</tbody>
</table>

Remarks:

---

**Material:**

<table>
<thead>
<tr>
<th>Site ID:</th>
<th>138340</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operable Unit ID:</td>
<td>829714</td>
</tr>
<tr>
<td>Operable Unit:</td>
<td>01</td>
</tr>
<tr>
<td>Material ID:</td>
<td>546622</td>
</tr>
<tr>
<td>Material Code:</td>
<td>0008</td>
</tr>
<tr>
<td>Material Name:</td>
<td>diesel</td>
</tr>
<tr>
<td>Case No.:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Material FA:</td>
<td>Petroleum</td>
</tr>
<tr>
<td>Quantity:</td>
<td>.00</td>
</tr>
<tr>
<td>Units:</td>
<td>Gallons</td>
</tr>
<tr>
<td>Recovered:</td>
<td>.00</td>
</tr>
<tr>
<td>Resource Affected:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Oxygenate:</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**Tank Test:**

<table>
<thead>
<tr>
<th>Site ID:</th>
<th>138340</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spill Tank Test:</td>
<td>1525975</td>
</tr>
<tr>
<td>Tank Number:</td>
<td>3</td>
</tr>
<tr>
<td>Tank Size:</td>
<td>10000</td>
</tr>
<tr>
<td>Test Method:</td>
<td>03</td>
</tr>
<tr>
<td>Leak Rate:</td>
<td>.50</td>
</tr>
<tr>
<td>Gross Fail:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Modified By:</td>
<td>Spills</td>
</tr>
<tr>
<td>Last Modified:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Test Method:</td>
<td>Horner EZ Check I or II</td>
</tr>
</tbody>
</table>

237 APARTMENT
ENE 635 MORRIS AVE
1/4-1/2 2218 ft.
3/420 mi.

**LTANKS:**

<table>
<thead>
<tr>
<th>Site ID:</th>
<th>396446</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spill Number/Closed Date:</td>
<td>0800658 / 2008-06-12</td>
</tr>
<tr>
<td>Spill Date:</td>
<td>2008-04-16</td>
</tr>
<tr>
<td>Spill Cause:</td>
<td>Tank Test Failure</td>
</tr>
<tr>
<td>Spill Source:</td>
<td>Commercial/Industrial</td>
</tr>
<tr>
<td>Spill Class:</td>
<td>Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.</td>
</tr>
<tr>
<td>Cleanup Ceased:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Cleanup Meets Standard:</td>
<td>False</td>
</tr>
<tr>
<td>SWIS:</td>
<td>0301</td>
</tr>
<tr>
<td>Investigator:</td>
<td>bkfalvey</td>
</tr>
<tr>
<td>Referred To:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Reported to Dept:</td>
<td>2008-04-16</td>
</tr>
<tr>
<td>CID:</td>
<td>444</td>
</tr>
</tbody>
</table>
APARTMENT (Continued)

Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-04-16
Spill Record Last Update: 2008-06-12
Spiller Name: JESSE CURLL
Spiller Company: APARTMENT
Spiller Address: 635 MORRIS AVE
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: JESSE CURLL
Spiller Phone: (781) 849-1471
Spiller Extention: 105
DEC Region: 2
DER Facility ID: 345934
DEC Memo: "4/29/08 Received letter from Stuart Schwartz, of SNS Energy Distribution Corp., on 4/28/08. Tank was excavated and isolated and retested. Isolation revealed leak was at vent line. No contaminated soil associated with this spill. Tank retested on 4/25/08 and passed. They are waiting for authorization from owner to replace all piping and will retest. bf 5/1/08 bf: sent ttf letter to: Urbanization Maria Lopez Housing 580 White Plains Road, 6th Floor Tarrytown, NY 10591 Sent copy to: Stuart N. Schwartz, Chief Executive officer SNS Energy Corporation 221 Broadway, Suite 205 Amityville, NY 11701 6/4/08 On 6/3/08, received fax of letter dated 5/23/08 from Stuart Schwartz of SNS Energy. All oil distribution piping at the site was replaced even though only the vent line failed. Tightness test was done 5/22/08 and passed. I called Mr. Schwartz (631)691-1700 and left message with secretary to call me back. When he calls back I will request another letter regarding contamination, if any, and the tank test is deficient because of gw determination. bf 6/10/08 On 6/9/08, received revised tank test report. Report is satisfactory. Need letter regarding contamination. Called him at (631)926-2196 and left message requesting letter. bf 6/11/08 Yesterday, received fax from S. Schwartz stating no oil contamination found and piping was replaced due to its age. NFA. bf"

Remarks: "PBS No: 2-605314 UNCOVER REPAIR AND RETEST: AIR LEAK"

Material:

Site ID: 396446
Operable Unit ID: 1153415
Operable Unit: 01
Material ID: 2144171
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0.00
Units: Gallons
Recovered: 0.00
Resource Affected: Not reported
Oxygenate: Not reported
**APARTMENT (Continued)**

**Tank Test:**
- **Site ID:** 396446
- **Spill Tank Test:** 2453528
- **Tank Number:** Not reported
- **Tank Size:** 15000
- **Test Method:** 00
- **Leak Rate:** .00
- **Gross Fail:** Not reported
- **Modified By:** Watchdog
- **Last Modified:** Not reported
- **Test Method:** Unknown
- **Site ID:** 396446
- **Spill Tank Test:** 2453529
- **Tank Number:** Not reported
- **Tank Size:** 0
- **Test Method:** 03
- **Leak Rate:** .00
- **Gross Fail:** Not reported
- **Modified By:** Watchdog
- **Last Modified:** Not reported
- **Test Method:** Horner EZ Check I or II

**LTANKS:**
- **Site ID:** 102522
- **Spill Number/Closed Date:** 9914720 / 2004-01-23
- **Spill Date:** 2000-03-29
- **Spill Cause:** Tank Overfill
- **Spill Source:** Tank Truck
- **Spill Class:** Known release with minimal potential for fire or hazard. DEC Response.
  - Willing Responsible Party. Corrective action taken.
- **Cleanup Ceased:** False
- **Cleanup Meets Standard:** False
- **SWIS:** 0301
- **Investigator:** JMROMMEL
- **Referred To:** Not reported
- **Reported to Dept:** 2000-03-29
- **CID:** 312
- **Water Affected:** Not reported
- **Spill Notifier:** Responsible Party
- **Last Inspection:** Not reported
- **Recommended Penalty:** False
- **UST Involvement:** False
- **Remediation Phase:** 0
- **Date Entered In Computer:** 2000-03-29
- **Spill Record Last Update:** 2004-01-23
- **Spiller Name:** Not reported
- **Spiller Company:** ATLAS FUEL OIL
- **Spiller Address:** 1110 BRONX RIVER AVE
- **Spiller City, St, Zip:** BRONX, NY 10472-001

**238**
- **P & R FIXTURES CORP**
- **NY LTANKS**
- **S104516899**
- **S109064253**

**SSE**
- **271 E 139TH ST**
- **BRONX, NY**

**1/4-1/2**
- **0.424 mi.**
- **2239 ft.**
P & R FIXTURES CORP (Continued)

Spiller Contact: PAUL REISMAN
Spiller Phone: (718) 293-0263
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 90787
DEC Memo: “Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL CLOSED AND REFERENCED TO 0010599”
Remarks: “DRIVER OVERFILLED THE TANK - ABOUT 5 OR 6 GAL OUTSIDE AND ABOUT 1
GAL IN THE BASEMENT - BEING CLEANED UP NOW”

Material:
Site ID: 102522
Operable Unit ID: 1092661
Operable Unit: 01
Material ID: 293011
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 7.00
Units: Gallons
Recovered: 7.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

239 730 GRAND CONCOURSE NY LTANKS S101508249
NE 730 GRAND CONCOURSE NY Spills N/A
1/4-1/2 BRONX, NY
0.425 mi. LTANKS:
2244 ft.
Relative: Higher
Actual: 65 ft.
Site ID: 100890
Spill Number/Closed Date: 9414927 / 1995-02-24
Spill Date: 1995-02-13
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: 1995-02-24
Cleanup Meets Standard: True
SWIS: 0301
Investigator: ADZHITOM
Referred To: Not reported
Reported to Dept: 1995-02-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-02-15
Spill Record Last Update: 1995-03-16
Spiller Name: Not reported
### 730 GRAND CONCOURSE (Continued)

<table>
<thead>
<tr>
<th>Spiller Company:</th>
<th>COUNTY OIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spiller Address:</td>
<td>18-85 42ND ST</td>
</tr>
<tr>
<td>Spiller City,St,Zip:</td>
<td>ASTORIA, NY 11105</td>
</tr>
<tr>
<td>Spiller County:</td>
<td>001</td>
</tr>
<tr>
<td>Spiller Contact:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Spiller Phone:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Spiller Extention:</td>
<td>Not reported</td>
</tr>
<tr>
<td>DEC Region:</td>
<td>2</td>
</tr>
<tr>
<td>DER Facility ID:</td>
<td>89474</td>
</tr>
<tr>
<td>DEC Memo:</td>
<td>&quot;Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY &quot;</td>
</tr>
<tr>
<td>Remarks:</td>
<td>&quot;DRIVER WAS FILLING THE TANK FOR AN APARTMENT COMPLEX AND OVERFILLED THE TANK- ABSORBENTS WERE PUT DOWN- UNK IF PICKED UP&quot;</td>
</tr>
</tbody>
</table>

#### Material:

- **Site ID:** 100890
- **Operable Unit ID:** 1012351
- **Operable Unit:** 01
- **Material ID:** 373648
- **Material Code:** 0003A
- **Material Name:** #6 fuel oil
- **Case No.:** Not reported
- **Material FA:** Petroleum
- **Quantity:** 100.00
- **Units:** Gallons
- **Recovered:** .00
- **Resource Affected:** Not reported
- **Oxygenate:** Not reported

#### Tank Test:

#### SPILLS:

- **Facility ID:** 9614169
- **Facility Type:** ER
- **DER Facility ID:** 89474
- **Site ID:** 100891
- **DEC Region:** 2
- **Spill Date:** 1997-03-06
- **Spill Number/Closed Date:** 9614169 / 1997-03-06
- **Spill Cause:** Equipment Failure
- **Spill Class:** Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- **SWIS:** 0301
- **Investigator:** SMMARTIN
- **Referral To:** Not reported
- **Reported to Dept.:** 1997-03-06
- **CID:** 257
- **Water Affected:** Not reported
- **Spill Source:** Commercial/Industrial
- **Spill Notifier:** Responsible Party
- **Cleanup Ceased:** Not reported
- **Cleanup Meets Std:** False
- **Last Inspection:** Not reported
- **Recommended Penalty:** False
- **UST Trust:** False
730 GRAND CONCOURSE (Continued)

Remediation Phase: 0
Date Entered In Computer: 1997-03-06
Spill Record Last Update: 1997-03-07
Spiller Name: Not reported
Spiller Company: T&S TRUCKING
Spiller Address: 53 2ND AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
MARTINKAT 5K TANK NOT REGISTERED. CASTLE CLEANED-UP CREW THERE."
Remarks: "BADS VENT OIL CAME BACK THROUGH VENT CLEANUP CREW ON THE WAY TO
CLEAN UP SPILL"

Material:
Site ID: 100891
Operable Unit ID: 1041705
Operable Unit: 01
Material ID: 339278
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

<table>
<thead>
<tr>
<th>LTANKS:</th>
<th>Site ID:</th>
<th>Spill Number/Closed Date: 1511105 / 2016-04-25</th>
</tr>
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<tbody>
<tr>
<td>Site ID:</td>
<td>522825</td>
<td></td>
</tr>
<tr>
<td>Spill Date:</td>
<td>2016-02-16</td>
<td></td>
</tr>
<tr>
<td>Spill Cause:</td>
<td>Tank Test Failure</td>
<td></td>
</tr>
<tr>
<td>Spill Source:</td>
<td>Commercial/Industrial</td>
<td></td>
</tr>
<tr>
<td>Spill Class:</td>
<td>Not reported</td>
<td></td>
</tr>
<tr>
<td>Cleanup Ceased:</td>
<td>Not reported</td>
<td></td>
</tr>
<tr>
<td>Cleanup Meets Standard:</td>
<td>False</td>
<td></td>
</tr>
<tr>
<td>SWIS:</td>
<td>3101</td>
<td></td>
</tr>
<tr>
<td>Investigator:</td>
<td>HRPATEL</td>
<td></td>
</tr>
<tr>
<td>Referred To:</td>
<td>Not reported</td>
<td></td>
</tr>
<tr>
<td>Reported to Dept:</td>
<td>2016-02-18</td>
<td></td>
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<tr>
<td>CID:</td>
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</tr>
<tr>
<td>Water Affected:</td>
<td>Not reported</td>
<td></td>
</tr>
<tr>
<td>Spill Notifier:</td>
<td>Other</td>
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<tr>
<td>Last Inspection:</td>
<td>Not reported</td>
<td></td>
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<tr>
<td>Recommended Penalty:</td>
<td>False</td>
<td></td>
</tr>
<tr>
<td>UST Involvement:</td>
<td>False</td>
<td></td>
</tr>
</tbody>
</table>
CLARA HALE (146 STREET) BUS DEPOT (Continued)

Remediation Phase: 0
Date Entered In Computer: 2016-02-18
Spill Record Last Update: 2016-04-25
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: RICHARD IYASERE
Spiller Phone: 6462525777
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 309493
DEC Memo:

"Obligado - Desk Duty - 2-18-16 - I called Richard Isayere. Left a message to call back the NYSDEC. Richard Called me back. They are all underground tanks. According to Franklin, the testing company, there was no loss of product. No sign of leak. They will conduct further investigation. Richard said they will conduct more tests tomorrow and will update us upon completion of the tests if any additional tanks failed. Summary for PBS # 2-189995 3 tanks failed tightness test 1 antifreeze - failed hydrostatic test GEN1 - failed Hydrostatic test DSL-2A - Over fill prevention valve on diesel tank Assigned to Kumar Patel. 2-24-16 - Obligado - Update from Richard. One additional Motor Oil tank M/O-1A also failed the tightness test. No apparent spill or loss of product to the environment. 03/28/16-Hiralkumar Patel. 1:37 PM:- left message for Richard. 3:33 PM:- received message from Richard. 03/29/16-Hiralkumar Patel. 9:02 AM:- left message for Richard. 3:24 PM:- received message from Richard. 04/20/16-Hiralkumar Patel. 1:47 PM:- left message for Richard. 2:56 PM:- received call from Richard. he asked to contact Josephine Brown. 3:03 PM:- spoke with Ms. Brown and inquired her about tank test failures. she will review record and submit information/documents. Josephine Brown MTA Ph. (718) 566-3415 email: Josephine.brown@nyct.com 3:22 PM:- sent email to Ms. Brown and asked to submit information about tank size, tank location, cause of failure, repair activities and cleanup of any petroleum discharge. also asked to submit copy of result of subsequent tank system test confirming its integrity.

04/25/16-Hiralkumar Patel. received email from Ms. Brown (at 5:08 PM on 04/21/16) including document confirming cause of failure and actions taken. - 1,000 gal tank for waste anti-freeze (tank # WANTI-1) failed hydrostatic sump test due to sump seam walls and penetration fitting not being tight. containment sump seams repaired by using a fiberglass made adhesive and penetration boot repaired with by installing a new penetration boot. there was no release to the environment. containment sump passed the integrity test after repairs. - 2,500 gal tank for motor oil (tank # M/O-1A) failed hydrostatic sump test due to sump walls not being tight. repaired by using a fiberglass made adhesive. there was no release to the environment. containment sump passed the integrity test after repairs. - 10,000 gal tank for diesel (tank # DSL-2A) failed overfill prevention inspection due to piece of 2 inch pipe (drop tube) missing on bottom of overfill prevention valve. a section of 2 inch pipe was installed to the bottom of overfill prevention valve. there was no release to the environment. as per the submitted document, a fourth tank (5,000 gal diesel tank # GEN-1) also failed hydrostatic test due to penetration boots not being tight. there is no information about repairs made on tank # GEN-1. as per discussion between DEC Andrea
and Richard, three underground tanks [1 antifreeze and two diesel tanks (GEN-1 and DSL-2A)] failed test. on 02/24/16, Richard called DEC Andrea and informed him about failure of one more tank (motor oil tank # M/O-1A). 11:51 AM: sent email to Ms. Brown inquiring about status on 5,000 gal diesel tank (GEN-1). after discussing with DEC Leszek about 5,000 gal diesel tank system failing hydrostatic test due to penetration boot not being tight, no further investigation needed and case can be closed on available information. case closed based on available information."

Remarks:
"there was 2 tank test failure."
CLARA HALE (146 STREET) BUS DEPOT (Continued)

CBS AST:
- CBS Number: 2-000294
- ICS Number: Not reported
- PBS Number: 2-189995
- MOSF Number: Not reported
- SPDES Number: Not reported
- Facility Status: IN SERVICE
- Facility Type: F
- Telephone: (212) 690-9619
- Facility Town: NEW YORK CITY
- Region: STATE
- Expiration Date: 08/11/2003
- Total Capacity of All Active Tanks (gal): 2000
- Operator: NEW YORK CITY TRANSIT
- Emergency Contact: HOWARD MATZA
- Emergency Phone: (718) 243-4581
- Owner Name: NEW YORK CITY TRANSIT
- Owner Address: 370 JAY STREET ROOM 819
- Owner City, St, Zip: BROOKLYN, NY 11201
- Owner Telephone: (718) 243-4581
- Owner Type: State Government
- Owner Sub Type: None
- Mail Name: NEW YORK CITY TRANSIT
- Mail Contact Addr: 370 JAY STREET
- Mail Contact Addr 2: ROOM 819
- Mail Contact Contact: JOSEPHINE BROWN
- Mail Contact City, St, Zip: BROOKLYN, NY 11201
- Mail Phone: (718) 243-4581

Tank Id: CBS-CHD-1
- CAS Number: 107211
- Federal ID: Not reported
- Tank Status: In Service
- Install Date: 12/85
- Tank Closed: Not reported
- Capacity (Gal): 2000
- Chemical: Ethylene glycol
- Tank Location: Indoors, Aboveground
- Tank Type: Steel/carbon steel
- Total Tanks: 1
- Tank Secret: False
- Tank Secondary Containment: None
- Tank Error Status: No Missing Data
- Date Entered: 08/10/1995
- Certified Date: 06/06/2001
- Substance: Single Hazardous Substance on DEC List
- Internal Protection: None
- External Protection: Painted/Asphalt Coating
- Pipe Location: Aboveground
- Pipe Type: Galvanized Steel
- Pipe Internal: None
- Pipe External: Painted/Asphalt Coating
- Pipe Flag: Painted/Asphalt Coating
- Leak Detection: None
- Overfill Protection: 45
- Haz Percent: 100
- Last Test: Not reported
CLARA HALE (146 STREET) BUS DEPOT (Continued)

Due Date: Not reported
SWIS Code: 6201
Lat/Long: Not reported
Is Updated: False
Renew Date: Not reported
Is It There: False
Delinquent: False
Date Expired: Not reported
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 04/30/2001

SPILLS:
Facility ID: 1406736
Facility Type: ER
DER Facility ID: 309493
Site ID: 500217
DEC Region: 2
Spill Date: 2014-09-25
Spill Number/Closed Date: 1406736 / 2014-09-25
Spill Cause: Human Error
Spill Class: Not reported
SWIS: 3101
Investigator: SXMAHAT
Referred To: Not reported
Reported to Dept: 2014-09-25
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2014-09-25
Spill Record Last Update: 2015-10-28
Spiller Name: MICHELLE RICHARDS
Spiller Company: NYCTA
Spiller Address: 721 LENOX AVE
Spiller City,St,Zip: NEW YORK, NY
Spiller Company: 999
Contact Name: MICHELLE RICHARDS
Contact Phone: (646) 252-5773
DEC Memo: *9/25/14 : Mahat DEC Mahat contacted Ms. MICHELLE RICHARDS @ (646) 252-5773 inquiring more about the spill. She mentioned estimated 20 gallons of diesel fuel was spilled on the ground and few gallons on the oil water separator. Clean up has been completed and no other source were impacted. Based on the information provided over the phone, no further investigation is required by the Department. *
Remarks: *cleanup in progress - contractor tripped and lid came off the can*

Material:
Site ID: 500217
Operable Unit ID: 1249619
Operable Unit: 01
Material ID: 2251237
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0610604
Facility Type: ER
DER Facility ID: 309493
Site ID: 375070
DEC Region: 2
Spill Date: 2006-12-13
Spill Number/Closed Date: 0610604 / 2008-06-17
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 3101
Investigator: MCTIBBE
Referred To: CONSOLIDATED UNDER 8902374
Reported to Dept: 2006-12-19
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-12-19
Spill Record Last Update: 2008-06-17
Spiller Name: RACHEL KRON
Spiller Company: MOTHER CLARA HILL BUS
Spiller Address: 721 LENOX AVE
Spiller City,St,Zip: NEW YORK, NY
Spiller Company: 001
Contact Name: RACHEL KRON
Contact Phone: (201) 341-9552
DEC Memo: "06-17-08: Closed and consolidated under 8902374."
Remarks: "NO VISIBLE LEAK. LINE TEST FAILED ON TANK # 2 AND HAS BEEN LOCKED AND TAGGED: MARK TIBBE FROM DEC REGION 2 HAS BEEN NOTIFIED: SUSPECT IT WAS A FLEX CONNECTER MALFUNCTION."

Material:
Site ID: 375070
Operable Unit ID: 1132723
CLARA HALE (146 STREET) BUS DEPOT (Continued)

Operable Unit: 01
Material ID: 2122504
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0513028
Facility Type: ER
DER Facility ID: 309493
Site ID: 359438
DEC Region: 2
Spill Date: 2006-02-09
Spill Number/Closed Date: 0513028 / 2008-06-17
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 3101
Investigator: MCTIBBE
Referred To: CONSOLIDATED UNDER 8902374
Reported to Dept: 2006-02-10
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-02-10
Spill Record Last Update: 2008-06-17
Spiller Name: JAIKISAN
Spiller Company: MOTHER CLARA HILL BUS
Spiller Address: 721 LENOX AVE
Spiller City,St,Zip: NEW YORK, NY
Spiller Company: 001
Contact Name: JAIKISAN
Contact Phone: (646) 252-5777
DEC Memo: "02/10/06. Feroze. Talked with Mr. Jakisan Achaibar 646-252-5772. All fuel is in secondary cointainment. They will submit DEC all documents regarding cleaning the site. 02/10/06-Hiralkumar Patel. Left message for Jaikisan at 3:20 PM. Spoke with Jaikisan, as per him, whatever spill happened its contained in secondary container. both hydroltic lifts are lock out/tag out. on monday, private contractor will come and suck the mixture of water and oil. Jaikisan will call me once they clean site on monday 13th Feb. 02/14/06-Hiralkumar Patel. Left message for Jaikisan. 02/16/06-Hiralkumar Patel. Left message for Jaikisan. Spoke with Jay at System Safety. as they suck out oil and
water mixture from pits, they did water level test. among the four pits (pits # 4, 5, 8 & 9) they found three pits (pits # 5, 8 & 9) were leaking. and pit # 8 & 9 had accumulated oil (inch or so). Jay told me that they had spill previously and had plume underground and the site is under remediation. now because two pits accumulate some oil, CPM Remediation group is handling site and investigating. URS consultants is the company who is doing remediation work on site. Jay call back with more information and results of remediation group’s investigation. as per him, DEC Mark Tibbe is handling all the site under remediation for NYC transit. Discussed with Mark and Koon in remediation. Mark is working with two different plumes on the same site. as Mark talked with guy at site, the lifts are away from the site where the plume was previously. so it is probably not related to previous plumes. (Refer Spill# 8902374) Spoke with Jay. they have taken some samples for fingerprint and as they get results, Jay will call back. 02/23/06-Hiralkumar Patel. Left message for Jaikisan. 02/24/06-Hiralkumar Patel. Left message for Jaikisan. Spoke with Jay. they haven’t got results yet. once he will get result, he will call back. and depends on results this project will go to remediation department in transit. 03/03/06-Hiralkumar Patel. Received call from Jay from Transit. he got sample results and all three samples came back with confirmation that it is lubricating oil. now remediation department at Transit is handling this case. he will update me on this case as he gets information. Received copy of lab results. If we need any information, call Jay at system Safety. 04/04/06-Hiralkumar Patel. Received call from Jay. abstract of letter: - Source of spill/leak identified: over a period of time, product (hydraulic fluid) and sludge accumulated in all four pits (# 4, 5, 8, 9) due to broken line, and poor seal in piston - Source of Spill/leak was stopped: broken hydraulic fluid line, poor seal were replaced and lift load test was performed as part of MP2 preventive maintenance. - Spill cleaned: AB Oil removed 1029 gals of oily water and 1 cy of sludge and pressure washed all 4 pits. Refer to AB Oil Work orders (3 18739, 18738) and manifests (# 18738, 18739) - Samples taken: samples were collected from two of the lift pits and hydraulic fluid reservoir, and analyzed by URS subcontractor laboratory. the fingerprint analysis identified the product as hydraulic fluid - Disposal of contaminated waste: AB Oil transported and disposed the oily water, and the sludge as non-hazardous industrial waste. - Investigation required/Refer to CPM: lost water in pit # 5 and gained water in pits # 8 & 9 during standing water test. CPM needs to investigate for any potential product plume in the bus lift area. 06/06/06-Hiralkumar Patel. Left message for Jay. Received call from Jay. he hasn’t heard from CPM section and doesn’t know whether this will be investigated under existing remediation or will be addressed separately. 07/10/06-Hiralkumar Patel. spoke with Jay. they are still working to determine who will handle this case. 08/31/06-Hiralkumar Patel. left message for Jay. 12/01/06-Hiralkumar Patel. left message for Jay. 12/11/06-Hiralkumar Patel. received message from Racheal from NYC transit. Jay is no longer handling spills. as per Racheal this spill has been transferred to their remedial investigation unit in NYC Transit. Racheal will be call back with more information. **Once MTA Remediation department takes over this case, ask Randy who will handle this case: me or Remediation section of DEC.** 08/16/07: The investigation and remediation (if warranted) will be performed during
CLARA HALE (146 STREET) BUS DEPOT (Continued)  S103559730

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<tr>
<td>Oxygenate:</td>
<td>Not reported</td>
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Tank Test:

| Facility ID:    | 0401607           |
| Facility Type:  | ER                |
| DER Facility ID:| 279810            |
| Site ID:        | 95161             |
| DEC Region:     | 2                 |
| Spill Date:     | 2004-05-14        |
| Spill Number/Closed Date: | 0401607 / 2004-09-13 |
| Spill Cause:    | Equipment Failure |
| Spill Class:    | Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. |
| SWIS:           | 3101              |
| Investigator:   | MCTIBBE           |
| Referred To:    | Not reported      |
| Reported to Dept: | 2004-05-14    |
| CID:            | 444               |
| Water Affected: | Not reported      |
| Spill Source:   | Commercial Vehicle|
| Spill Notifier: | Responsible Party |
| Cleanup Ceased: | Not reported      |
| Cleanup Meets Std: | False        |
| Last Inspection: | Not reported     |
| Recommended Penalty: | False        |
| UST Trust:      | False             |
| Remediation Phase: | 0                |
| Date Entered In Computer: | 2004-05-14    |
| Spill Record Last Update: | 2004-09-13    |
| Spiller Name:   | SHERRY BULKLEY   |
| Spiller Company: | MOTHER CLARA HILL DEPOT |
| Spiller Address: | 721 LENOX AVE   |
| Spiller City,St,Zip: | NEW YORK, NY |
| Spiller Company: | 001               |
CLARA HALE (146 STREET) BUS DEPOT (Continued)

Contact Name: SHERRY BULKLEY
Contact Phone: (718) 243-4581
DEC Memo: 

*T prior to Sept, 2004 data translation this spill Lead_DEC Field was
TIBBE Product discovered in the discharge sump for diesel tank #1.
The primary line was tested and passed. It could not be determined
where the product came from. The tank was put back in service until
product was discovered in the sump again on 07/19/04. The tank was
taken out of service again and the secondary and sump was tested and
passed. It was determined at that time that the flex connector was
leaking. See spill # 04-04173.”

Remarks:

*FRANKLIN ON SITE: LOCKED OUT AND TAGGED OUT: DIESEL TANK ONE AND
SUMP 1B: CLEAN UP PENDING*

Material:
Site ID: 95161
Operable Unit ID: 885501
Operable Unit: 01
Material ID: 492806
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: Gallons
Recovered: 5.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0400382
Facility Type: ER
DER Facility ID: 279810
Site ID: 95160
DEC Region: 2
Spill Date: 2004-04-13
Spill Number/Closed Date: 0400382 / 2004-04-20
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2004-04-13
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-04-13
Spill Record Last Update: 2004-04-20
**CLARA HALE (146 STREET) BUS DEPOT** (Continued)  

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<tr>
<td>Spiller Company:</td>
<td>NYCT</td>
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<tr>
<td>Spiller Address:</td>
<td>370 JAY STREET</td>
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<tr>
<td>Contact Name:</td>
<td>SHERRY BULKLEY</td>
</tr>
<tr>
<td>Contact Phone:</td>
<td>(718) 243-4581</td>
</tr>
</tbody>
</table>
| DEC Memo: | "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 04/20/04 - Transferred from Tipple to Tibbe. 1/2 gallon of diesel discovered in discharge sump 1b for diesel tank 1. Discharge line test @ 30psi and passed. No impact to the environment because the sump also tested tight. Unknown where the product came from. NYCT inspects sumps on a monthly basis and will make notification if the product reappears."

**Remarks:**  
"UNKNOWN WHAT HAPPENED, PART OF TANK SYSYTEM, 1/2 GALLON: WILL DO LINE TEST: 

**Material:**  
| Site ID: | 95160 |
| Operable Unit ID: | 882552 |
| Operable Unit: | 01 |
| Material ID: | 491640 |
| Material Code: | 0008 |
| Material Name: | diesel |
| Case No.: | Not reported |
| Material FA: | Petroleum |
| Quantity: | .00 |
| Units: | Pounds |
| Recovered: | .00 |
| Resource Affected: | Not reported |
| Oxygenate: | Not reported |

**Tank Test:**  

| Facility ID: | 0303989 |
| Facility Type: | ER |
| DER Facility ID: | 279810 |
| Site ID: | 95159 |
| DEC Region: | 2 |
| Spill Date: | 2003-07-16 |
| Spill Number/Closed Date: | 0303989 / 2004-05-05 |
| Spill Cause: | Equipment Failure |
| Spill Class: | Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. |
| SWIS: | 3101 |
| Investigator: | MCTIBBE |
| Referred To: | Not reported |
| Reported to Dept: | 2003-07-16 |
| CID: | 216 |
| Water Affected: | Not reported |
| Spill Source: | Commercial Vehicle |
| Spill Notifier: | Responsible Party |
| Cleanup Ceased: | Not reported |
| Cleanup Meets Std: | False |
| Last Inspection: | Not reported |
| Recommended Penalty: | False |
CLARA HALE (146 STREET) BUS DEPOT  (Continued)  S103559730

UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-07-16
Spill Record Last Update: 2004-05-05
Spiller Name: CHARLES BURRUS
Spiller Company: NYC TRANSIT
Spiller Address: 370 JAY ST
Spiller City,St,Zip: BROOKLYN, NY - 001
Contact Name: SHERRY BULKLEY
Contact Phone: (718) 243-4581
DEC Memo: *Prior to Sept. 2004 data translation this spill Lead_DEC Field was TIBBE Sangesland DDO - spill cleaned 5 gallon of motor oil spilled to depot apron. Some sort of excavation was occuring at the time of the spill and some of the oil impacted bare soil. The soil was removed until visually clean, an endpoint sample was taken and the hole was closed. The endpoint showed residual soil contamination above TAGM. Unfortunately NYCT can not ascertain where the excavation was at the time of the spill so no further excavation can be performed. Since the spill was motor oil from a bus, it could not be more than 10 gallons. This facility is already being remediated for soil and groundwater contamination under spill #s 8904241 & 9813017. "
Remarks: "spill from oil pan on a bus spilled on to ground they will make recovery "

Material:
Site ID: 95159
Operable Unit ID: 872238
Operable Unit: 01
Material ID: 504848
Material Code: 0013
Material Name: lube oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0300236
Facility Type: ER
DER Facility ID: 279810
Site ID: 95158
DEC Region: 2
Spill Date: 2003-04-02
Spill Number/Closed Date: 0300236 / 2004-08-19
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2003-04-07
CLARA HALE (146 STREET) BUS DEPOT (Continued)

CID: 207
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-04-07
Spill Record Last Update: 2004-09-13
Spiller Name: CALLER
Spiller Company: NYC TRANSIT
Spiller Address: 370 JAY STREET
Spiller City,St,Zip: BROOKLYN, NY 11201-
Spiller Company: 001
Contact Name: SHERRY BOLKLEY
Contact Phone: (718) 243-4581
DEC Memo:
"*Prior to Sept, 2004 data translation this spill Lead_DEC Field was
TIBBE DIESEL FOUND IN SUMPS POSSIBLE FROM LINE LEAK. MOTOR OIL AND
ATF FOUND IN SPILL BUCKETS. CLOGGED DRAINS WOULD NOT ALLOW PRODUCT TO
DRAIN BACK TO TANK. WASTE OIL LEAKING FROM DRAIN CATCH BASIN. For
diesel sump, all testing of primary and secondary testing passed.
Unknown where the product came from but it may be related to an
overpressurization problem of the flex connectors that will cause
them to weep product under high pressure but will test tight at
proper operating pressures. For the Motor Oil and ATF Spill buckets,
the product was cleaned out and the drains were cleared. For the
waste oil tank, see 04-05011."

Material:

Material: Petroleum
Site ID: 95158
Operable Unit ID: 868542
Operable Unit: 01
Material ID: 508322
Material Code: 0015
Material Name: motor oil
Case No.: Not reported
Quantity: 1.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 95158
Operable Unit ID: 868542
Operable Unit: 01
Material ID: 508323
Material Code: 0021
Material Name: transmission fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
CLARA HALE (146 STREET) BUS DEPOT  (Continued)

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Tank Test:

CLARA HALE (146 STREET) BUS DEPOT  (Continued)

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Tank Test:

CLARA HALE (146 STREET) BUS DEPOT  (Continued)

Tank Test:

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Tank Test:

CLARA HALE (146 STREET) BUS DEPOT  (Continued)

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Tank Test:

CLARA HALE (146 STREET) BUS DEPOT  (Continued)

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CLARA HALE (146 STREET) BUS DEPOT  (Continued)

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Tank Test:
CONTAINMENT AREA (Continued)

UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2016-06-16
Spill Record Last Update: 2016-06-27
Spiller Name: DANIEL
Spiller Company: NYC TRANSIT
Spiller Address: 721 LENOX AVE
Spiller City,St,Zip: NEW YORK, NY
Spiller County: 999
Spiller Contact: DANIEL
Spiller Phone: (646) 252-5763
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 309493

DEC Memo:

"6/16/2016: Rashad PBS 2-189995. Called Daniel he said tank test was on tank DSL-3A which is a 10,000 gallon diesel tank. There was no discharge and the tank is now out of service. His email is danielyu@nyct.com (send TTL to Francine and cc Daniel). 6/17/2016: Rashad Emailed TTF letter to Francine and uploaded it to D2. 721 Lenox Ave has alternate addresses of 721-735 Esplande Gardens Plaza, 101-165 West 46th Street, and 100-162 West 47th Street. Numerous previous spills exist for depot. 6/27/2016: Rashad Received email from Francine with closure letter. As per the report A petroleum release did not occur from the primary piping of the underground storage tank UST. The cause of the failure was a faulty diaphragm valve. The UST was temporarily taken out of service on June 16, 2016. The line leak detector and diaphragm were replaced on June 20, 2016 and retested on the same date. The test passed and the system was put back into service. Report uploaded to D2. Spill closed as no release occurred and repairs made."

Remarks:
"tank failure unknown amount spilled PBS 2-189995"

Material:
Site ID: 529102
Operable Unit ID: 1277939
Operable Unit: 01
Material ID: 2282811
Material Code: 9999
Material Name: other - water and diesel
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
AH242 MOTHER CLARA HALE (146TH ST) DEPOT -NYCT NW 721 LENOX AVE MANHATTAN, NY 10039
1/4-1/2 0.427 mi. 2252 ft. Site 4 of 4 in cluster AH

Relative: LTANKS:
Lower Actual:
10 ft. Site ID: 212329
Spill Number/Closed Date: 8904241 / 2005-06-30
Spill Date: 1989-07-28
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Last Inspection: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1989-07-28
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Remediation Phase: 0
Date Entered In Computer: 1989-08-03
Spill Record Last Update: 2005-06-30
Spiller Name: Not reported
Spiller Company: TRANSIT AUTH BUS GARAGE
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 11/15/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/15/94. transferred from Hale to Tibbe on 12/27/00. tanks replace/repaired/upgraded. investigation pending. See also 89-02374, 91-06264, 93-04003, 96-06076, 98-13017 & 01-02743. Refer to 8902374."
Remarks: "8K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EMPTY TANK & INTERNALLY INSPECT."

Material:
Site ID: 212329
Operable Unit ID: 931972
Operable Unit: 01
Material ID: 448294
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Pounds
Recovered: .00
MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)  S104502486

Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 212329
Spill Tank Test: 1535764
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

Site ID: 158428
Spill Number/Closed Date: 9304003 / 2000-12-27
Spill Date: 1993-06-29
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1993-06-29
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-07-01
Spill Record Last Update: 2007-02-22
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: 370 JAY 57
Spiller City,St,Zip: BROOKLYN, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: "Prior to Sept. 2004 data translation this spill Lead_DEC Field was TIBBE transferred from Hale to Tibbe on 12/27/00. refer to 89-02374 remediation ongoing."
Remarks: "DIESEL WAS FOUND IN MANWAY TO INVESTIGATE TANKS."

Material:
Site ID: 158428
Operable Unit ID: 982294
MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued) S104502486

Operable Unit: 01
Material ID: 558889
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 95163
Spill Number/Closed Date: 9106264 / 2000-12-27
Spill Date: 1991-09-10
Spill Cause: Tank Test Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MCTTIBBE
Referred To: Not reported
Reported to Dept: 1991-09-10
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1991-09-11
Spill Record Last Update: 2002-06-14
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: "Prior to Sept. 2004 data translation this spill Lead_DEC Field was TIBBE 11/18/94; REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/18/94. DEC SIGONA REASSIGNED TO KEVIN HALE ON 1/23/98 transferred from Hale to Tibe on 12/27/00. refer to 89-02374. remediation ongoing."
Remarks: "TWO 5000 GAL TANKS MANIFOLDED. PETROTITE -.280GPH. ISOLATING & INVESTIGATING PIPING."

Material:
Site ID: 95163
### MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)  
S104502486

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**Tank Test:**  
| Site ID | 95163 |
| Spill Tank Test | 1539031 |
| Tank Number | Not reported |
| Tank Size | 0 |
| Test Method | 00 |
| Leak Rate | .00 |
| Gross Fail | Not reported |
| Modified By | Spills |
| Last Modified | Not reported |
| Test Method | Unknown |

| Site ID | 95164 |
| Spill Number/Closed Date | 9110782 / 2003-02-12 |
| Spill Date | 1992-01-16 |
| Spill Cause | Tank Overfill |
| Spill Source | Institutional, Educational, Gov., Other |
| Spill Class | Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. |
| Cleanup Ceased | Not reported |
| Cleanup Meets Standard | False |
| SWIS | 3101 |
| Investigator | SULLIVAN |
| Referred To | Not reported |
| Reported to Dept | 1992-01-16 |
| CID | Not reported |
| Water Affected | Not reported |
| Spill Notifier | Responsible Party |
| Last Inspection | Not reported |
| Recommended Penalty | False |
| UST Involvement | False |
| Remediation Phase | 0 |
| Date Entered In Computer | 1992-02-03 |
| Spill Record Last Update | 2003-02-12 |
| Spiller Name | Not reported |
| Spiller Company | NYCTA |
| Spiller Address | Not reported |
| Spiller City,St,Zip | NY |
| Spiller County | 999 |
| Spiller Contact | Not reported |
| Spiller Phone | Not reported |
| Spiller Extention | Not reported |
| DEC Region | 2 |
MOTHER CLARA HALE (146TH ST) DEPOT - NYCT (Continued)

DER Facility ID: 85127
DEC Memo: ""
Remarks: "SORBENT APPLIED. WILL PICK UP & DISPOSE."

Material:

Tank Test:

Site ID: 95165
Spill Number/Closed Date: 9213322 / 2003-02-10
Spill Date: 1993-03-02
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Cleaning Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: TOMASELLO
Reported to Dept: Not reported
CID: 1993-03-02
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-03-03
Spill Record Last Update: 2005-03-21
Spiller Name: Not reported
Spiller Company: UNK FUEL VENDOR
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: ""
Remarks: "SPILL INTO STREET AND LAND AROUND DEPOT UNK WHY SPILL OCCURED,CLEANUP ONGOING-MAT'L WILL BE DRUMMED AS HAZ-WASTE"

Material:

Site ID: 95165
Operable Unit ID: 980498
Operable Unit: 01
Material ID: 403118
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200.00
Units: Gallons
MOTHER CLARA HALE (146TH ST) DEPOT - NYCT (Continued)  S104502486

Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 110346
Spill Number/Closed Date: 0405011 / 2005-01-10
Spill Date: 2004-08-06
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2004-08-06
CID: 406
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2004-08-06
Spill Record Last Update: 2005-04-27
Spiller Name: PASHKO KAMAJ
Spiller Company: MOTHER CLARA HILL DEPOT
Spiller Address: 721 LENNOX AVE.
Spiller City,St,Zip: MANHATTAN, NY 10025
Spiller County: 001
Spiller Contact: PASHKO KAMAJ
Spiller Phone: (718) 243-4581
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE see also 03-00236. Primary tank failed testing. Put air on tank and filled piping sump with water. Bubbles indicated a leaking union. Union was tightened and tank was retested and passed. Sump was tested and passed."
Remarks: "Precision Test Failure on the waste oil tank. No actual release of material."

Material:

Site ID: 110346
Operable Unit ID: 888407
Operable Unit: 01
Material ID: 488984
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported

"Precision Test Failure on the waste oil tank. No actual release of material."
MOTHER CLARA HALE (146TH ST) DEPOT - NYCT (Continued)

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Tank Test:

| Site ID              | 110346             |
| Spill Tank Test      | 1529519            |
| Tank Number          | 1                  |
| Tank Size            | 1000               |
| Test Method          | 18                 |
| Leak Rate            | .00                |
| Gross Fail           | Not reported       |
| Modified By          | Spills             |
| Last Modified        | Not reported       |
| Test Method          | Alert Model 1000 plus 1050 (Formerly Gilbarco Precision) |
| Site ID              | 110346             |
| Spill Tank Test      | 1529520            |
| Tank Number          | 1                  |
| Tank Size            | 1000               |
| Test Method          | 18                 |
| Leak Rate            | .00                |
| Gross Fail           | Not reported       |
| Modified By          | Spills             |
| Last Modified        | Not reported       |
| Test Method          | Alert Model 1000 plus 1050 (Formerly Gilbarco Precision) |

Site ID: 240067
Spill Number/Closed Date: 8902374 / Not Reported
Spill Date: 1989-06-07
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: RVKETANI
Referred To: 092915 SENT EMAIL TO NYCHA RE MW30R
Reported to Dept: 1989-06-07
CID: Not reported
**MOTHER CLARA HALE (146TH ST) DEPOT -NYCT** (Continued)

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<td>DEC Memo:</td>
<td>&quot;Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE transferred from Hale to Tibbe on 12/27/00. see also 89-02952, 89-04241, 91-06264, 93-04003, 96-06076, 01-02743. tanks repaired/replaced/upgraded. remediation ongoing. See also 98-13017 for waste oil plume. 12/19/07: Since the depot is slated to be demolished, NYCT has decided to remove as much of the contaminated soil and LNAPL as physically possible. They submitted an SSRP/RD for excavation, which was approved. At the time of the remediation, Spill #s 05-13028, 07-03983 &amp; 06-10604 will be investigated and if necessary remediated. 06-17-08: Spill #s 9813017, 0513028, 0610604 &amp; 0703983 have been closed and consolidated under this number because all of the spills will be remediated at the same time. 11/12/10 - spill re-assigned from Tibbe to Joe O'Connell 5/19/2011 The spill was reassigned from Joe O'Connell to Linda Ross 2/27/12 - Raphael Ketani. Site was transferred to me during February 2012. 4/26/12 - Raphael Ketani. The DEC was informed during the monthly meeting that depot construction is still taking place. 5/28/13 - Raphael Ketani. I reviewed the March 2013 Monthly Status Report for all of the subject NYCT bus depot sites. More wells were destroyed as a result of the ongoing construction. Only two wells are left. These are at the east end of the property. 5/29/13 - Raphael Ketani. Gregory Mathelier (212) 252-3470/cell (646) 765-0336. Construction Administrator for the NYCT bus depot sites, sent me the May 2013 Engineering Report for Site Remediation Through In-situ Solidification/Stabilization of the oil contaminated soil (prepared by URS). Mr. Mathelier stated in the text of his e-mail that: The subject Final Engineering Report (FER) prepared by our consultant (URS) for the In-situ Solidification/Stabilization (ISS) performed at the Mother Clara Hale Bus Depot is attached. This report presents a background of remedial investigations performed at the site, the bench scale study conducted prior to the ISS and documents the pilot tests and full scale open-pit mixing for ISS performed within the footprint of the site. The goal of the ISS Program was to solidly contaminated petroleum-impacted soil within the footprint of the site as a means of remediation; this method was approved by the NYSDEC. The ISS program was implemented by Hayward Baker, a subcontractor to NYCT's Remediation Contractor, Franklin, through a bench scale study, a pilot study and a full-scale treatment (ISS) that covered delineated areas of petroleum-impact within the footprint of the site. The&quot;</td>
</tr>
</tbody>
</table>

TC5022723.2s  Page 746
results of the bench scale study confirmed the effectiveness of the ISS for the established criteria for unconfined compressive strength, permeability and reduced leaching potential. I reviewed the report. 5/31/13 - Raphael Ketani. I finished reviewing the ISS report. The Site Specific Remedial Plan was approved during July 2009. The remedial method specified is in-situ solidification/stabilization (ISS). Franklin Company Contractors substantially completed the work by October 4, 2010. The report was prepared in compliance with Subparagraph III.E.4.i of the Consent Order. From 1993 to 2010, numerous investigations were performed. Various product recycling methods were used with limited success. The old building was demolished, but long sections of the 9 foot high retaining walls were left in place. Subsurface structures were also present within the old footprint. DEC agreed to using solidification/stabilization if it could be demonstrated that unconfined compressive strength equal to or greater than 50 psi, permeability of equal to or less than 1 X 10^-6 cm/sec and reduced leaching potential towards achieving groundwater standards could be achieved. First, bench scale tests were done. Two design mixes were successful - one for diesel oil areas, and one for waste oil and hydraulic fluid areas. They used a 3:1 ratio dry mix of slag and Portland cement. A 6% mix with soil was used for the waste oil and hydraulic lift areas. An 8.5% mix with soil was used for the diesel oil areas. Hayward Baker Inc. performed the solidification/stabilization work. The work started on 2/3/10 and finished on 10/7/10. The work took place with maximum volume 100 cu. yd. cells and each cell had to be completed the same day. The treatments were in 6’ x 20’ cells aligned perpendicular to the walls. Interior cells were 10’ x 25’. A minimum period of 7 days was required between treatment in a given cell and treatment of an adjacent cell. The work was done by removing the surficial structures, removing the overburden and structures on a cell by cell basis, pre-clearing the treatment zone on a cell by cell basis via excavation and structure removal, and finally the application and mixing of the ISS mix. The soil was mixed in an open pit with a mixing head. The soil was mixed with grout consisting of type I/II Portland cement, granular blast furnace slag and water. The pit was mixed from bottom to top of each cell. There were 19 subareas of mixing. The DEC required sampling of the grout to insure that the results were uniform and compliant. Tests were done regarding permeability and 56 day breaks for data regarding the curing. Four wet samples were obtained from each cell - 2 from the bottom and 2 from the top. The samples were formed into 3 in. by 6 in. cylinders for strength testing via ASTM D2166. Cylinders were formed 3 in. by 3 in. for permeability testing via ASTM D5084. Other cylinders were formed 2 in. by 4 in. for leachability testing via method ANS/NSI 16.1. Slump tests were performed by Franklin staff for bottom samples only. Pilot tests were done by Hayward Baker on 11 cells in diesel oil area H on 3/18/10, but it rained heavily during the tests and the cells ended up with 2 feet of water at the top. New pilot tests were performed on 3/19/10 in waste oil area A and a second test and a third test were performed in diesel oil area D on 3/19/10 and 3/22/10, respectively. The fourth pilot test was performed in hydraulic lift area P. Full scale work started with a rich mix as a contingency against excessive water. The full scale mixing started on 3/22/10. A retaining wall was found in front of the west wall. This required a change from the open pit mixing method. The new method involved the installation of 2 rows of grout columns. Each column was
MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)  S104502486

36 inches in diameter and 16 feet deep. There were 33 columns per row. Also, holes were drilled through the toe of the retaining wall and grout was injected beneath the wall and between the columns and foundation wall. Seventy six 6 inch diameter holes were drilled. The grout columns were installed from 8/11/10 to 8/17/10. Later, from 8/19/10 to 9/7/10, another 66 columns were installed - most of which were 26 inches in diameter as the larger diameter cutting head had broken. The open pit mixing east of the columns was completed on 9/13/10 and grouting in the toe holes was completed on 9/28/10. Only 2 of the 1,000 grout samples did not meet the 50 psi compressive strength criteria. However, the 28 day break samples were satisfactory. So no action was required. Thirteen of the 1,000 grout samples did not meet the permeability criteria. URS staff expected that they would meet the criteria as they would cure. So no action was warranted. The leachability results were given to the DEC, but not included in the report. All of the samples were deemed to have met the reduced leaching potential such that the goal of meeting the groundwater standards was achieved, if practicable. About 26,500 cu. yds. of soil was treated through ISS. An additional 100 cu. yds. was treated using low pressure grouting. Areas were backfilled with treated soil and 6,100 tons of recycled concrete aggregate to the level of the pre-remediation grades. Scope variance: due to the groundwater rise as a result of the heavy rain, clean soil layers nearer to the surface were contaminated. An agreement was reached between the DEC and the NYCT to raise the vertical limit for soil treatment. Due to staining along the southern wall of the excavation, a 21’ x 23’ x 12’ area south of areas O and P was treated. About 7,300 tons of unimpacted structures and debris were disposed of off site. Additionally, 6,100 tons of fill were imported to bring the site up to grade. A larger than anticipated quantity of overburden soil was treated - 4,575 cu. yds. In order to address the variances, the contract was extended to 10/18/10. I found the report to be acceptable and approved it without comment. 1/28/15 - Raphael Ketani.

I reviewed the January 5, 2015 Site Specific Investigation Work Plan for the Confirmatory Soil and Groundwater Investigation. The investigation is being implemented in order to verify current contamination conditions beneath the sidewalks on the north and east sides of the building and in order to gather information to develop alternative recommendations, if warranted, to address any residual contamination. Fifteen (15) borings will be installed using the direct push method. Up to 4 will be groundwater probes. These will be performed where there is no soil contamination in order to be able to sample just dissolved analytes in the groundwater. Up to 3 borings will become wells. Groundwater is 8 to 10 feet bgs. Soil and groundwater samples will be collected and will be processed via methods 8260 and 8270. The soil samples will be taken with 4 foot macrocores. The borings will end at 20 feet bgs. If contamination is found, then the borings will continue until clean material is encountered. The wells will be screened from 5 to 17 feet below grade. The wells will be sampled one week after development. Purging and sampling will use a low flow method. One composite soil sample from the waste material drums will be collected and sent off to the lab for waste characterization. I found the SSIWP to be acceptable with one comment. The waiting time between well development and sampling of one week was too short. By general environmental practice, well sampling should not take place any sooner than one month after development. Preferably, sampling should take place at
least 3 months after development. I drafted a letter stating that the
DEC was approving the SSIWP, but that well sampling must not take
place any sooner than one month after well development. The letter
was submitted to Hassan Hussein, EE III and head of Unit C, for his
review and approval. 2/5/14 - Raphael Ketani. Mr. Hussein approved
the letter and it was sent out today. 9/29/15 - Raphael Ketani. There
have been repeated attempts by the NYCT to gain access to well MW-30R
in order to conduct groundwater monitoring. However, these attempts
had all failed as the superintendent of the building had continuously
refused to grant access to the well which is behind a locked fence.
Yesterday, Ms. Cadecia Josephs, assistant to Gregory Mathelier, sent
me an email with the names of two people in the NYCHA who may be able
to provide access to this locked location. These people were Brian
Honan (brian.honan@nycha.nyc.gov) and Keith Mitchell
(keith.mitchell@nycha.nyc.gov). Today, I sent an email to Mr. Honan
and Mr. Mitchell requesting their help with the situation. 11/16/15 -
Raphael Ketani. As I had not received an email from Mr. Honan or Mr. Mitchell regarding providing access to well MW-30R, I sent another
email to them requesting their assistance. I included Mr. Mathelier
[(212) 252-3470/cell (646) 765-0336, Construction Administrator] as a
c-c. Soon afterwards, Mr. Honan sent me an email asking when the NYCT
would need to gain access to MW-30R. I responded that he should
coordinate access with Mr. Mathelier of the MTA-NYCT. Mr. Honan is
the Director of the Office of Intergovernmental Relations (212)
306-8108. Mr. Honan added Luis Ponce and Brian Clarke to the email he
had sent when responding to me. Later, Mr. Ponce sent me an email
stating that he will contact Mr. Mathelier in order to resolve the
matter. 4/20/16 - Raphael Ketani. Ms. Cadecia Josephs, assistant to
Mr. Mathelier, sent me an email containing the following work
schedule: Below is our proposed initial schedule for the Mother Clara
Hale Supplemental Investigation: Monday, May 2, 2016 Geophysical
survey. Initiate sidewalk saw-cutting and guzzler pre-clearing
activities. Tuesday, May 3, 2016 and Wednesday, May 4, 2016 Continue
sidewalk saw-cutting and guzzler pre-clearing activities. Thursday,
May 5, 2016 through Tuesday, May 10, 2016 Soil boring and groundwater
probe installation activities. Wednesday, May 11, 2016 through
Monday, May 16, 2016 Soil boring and groundwater monitoring well
installation activities. Tuesday, May 17, 2016 through Tuesday, May
24, 2016 Sidewalk flag repair Tuesday, May 31, 2016 Well development
and survey of sample locations. Thursday, June 30, 2016 Groundwater
sampling of newly-installed monitoring wells. Please note that these
dates may change based on the findings of the investigation and/or
any input from the Depot AGM during our site meeting next week. AARCO
is currently coordinating for NYCDOT permits, which will take some
time and is driving the start date 2 weeks from now."

Remarks:
"FOUR 5K TANKS LEAKING INTO VAULT. GROUNDWATER DISCOVERED IN VAULT."

Material:
Site ID: 240067
Operable Unit ID: 929831
Operable Unit: 01
Material ID: 2147695
Material Code: 0022
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Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
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MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

SPILLS:

Facility ID: 0404173
Facility Type: ER
DER Facility ID: 85127
Site ID: 95162
DEC Region: 2
Spill Date: 2004-07-19
Spill Number/Closed Date: 0404173 / 2005-03-30
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

SWIS: 3101
Investigator: MCTIBBE
Reported to Dept: Not reported
CID: 405
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-07-19
Spill Record Last Update: 2005-03-30
Spiller Name: LENNY GELDMAN
Spiller Company: MOTHER CLARA HILL DEPOT
Spiller Address: 721 LENOX AVE
Spiller City,St,Zip: MANHATTAN, NY 10039
Spiller Company: 001
Spiller Name: LENNY GELDMAN
Contact Name: (347) 386-7457
DEC Memo: *Prior to Sept. 2004 data translation this spill Lead_DEC Field was TIBBE see also 04-01607. Product discovered in the discharge sump for diesel tank #1. Primary line leak. Secondary and sump passed testing on 07/20/04, so there was no release to the environment. The flex connector was replaced and relocated inside the sump. The discharge primary and secondary were retested and passed.*
Remarks: "LEAKED FROM #1 TANK INTO THE SUMP CONTAINMENT, STILL INVESTIGATING CAUSE, EVERYTHING CLEANED UP"

Material:

Site ID: 95162
Operable Unit ID: 887064
Operable Unit: 01
Material ID: 488186
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: Gallons
Recovered: 20.00
Resource Affected: Not reported
Oxygenate: Not reported
### MAP FINDINGS

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<tr>
<td>Contact Name</td>
<td>ANDREW JANUSIS</td>
</tr>
<tr>
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<td>(718) 243-4581</td>
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<td>DEC Memo</td>
<td>“Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE Fuel spill from the calibration canister while trying to pour the fuel back in the stick line of the tank. Fuel spilled into sumps A &amp; B of Diesel Tank #2. Spill was cleaned by Depot personnel. Both sumps were tested and passed.”</td>
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<tr>
<td>Remarks</td>
<td>“IN THE PROCESS OF BEING CLEANED UP NOW. RAN INTO TWO SUMP PUMPS. THEY ARE PERFORMING A STANDING WATER TEST. 2 GALLONS IN SUMP A - 1/2 GALLON IN SUMP B THESE ARE DISCHARGE SUMPS FOR TANK #2.”</td>
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#### Material:

| Site ID | 158426 |
| Operable Unit ID | 876771 |
| Operable Unit | 01 |
| Material ID | 500228 |
| Material Code | 0008 |
| Material Name | diesel |
| Case No. | Not reported |
| Material FA | Petroleum |
| Quantity | 2.00 |
| Units | Gallons |
| Recovered | .00 |
MOTHER CLARA HALE (146TH ST) DEPOT - NYCT (Continued)

Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0311426
Facility Type: ER
DER Facility ID: 85127
Site ID: 158427
DEC Region: 2
Spill Date: 2004-01-09
Spill Number/Closed Date: 0311426 / 2004-03-30
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 3101
Investigator: MCTIBBE
Reported to Dept: Not reported
CID: 404
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered in Computer: 2004-01-09
Spill Record Last Update: 2005-04-27
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Contact Phone: (718) 243-4581
Contact Name: PASHKO CAMAJ

*Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE Product discovered in blind riser of secondary for discharge line #2. Product was entering secondary through the dispensor pan, which is connected to the secondary. Product was entering the dispensor pan because operators were leaving the dispensor nozzle leaning over the pan and some residual product was dripping from the nozzle to the pan and then to the secondary. NYCT cleaned spill and re-sealed the dispensor pan shroud to prevent product from accumulating in pan.*

Remarks:
*1/2 GALLON OF GAS WAS FOUND IN A BLIND RISER FOR A DISCHARGE LINE #2. SOURCE IS CURRENTLY BENIG INVESTIGATED. BELIEVED TO BE JUST WASHED INTO RISER.*

Material:
Site ID: 158427
Operable Unit ID: 879043
Operable Unit: 01
Material ID: 500235
MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0008714
Facility Type: ER
DER Facility ID: 85127
Site ID: 95157
DEC Region: 2
Spill Date: 2000-10-26
Spill Number/Closed Date: 0008714 / 2001-08-28
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: MCTIBBE
Reported to Dept: Not reported
CID: 312
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-10-26
Spill Record Last Update: 2003-11-14
Spiller Name: Not reported
Spiller Company: NYC TRANSIT
Spiller Address: 871 5TH AVE
Spiller City,St,Zip: BROOKLYN, NY -
Spiller Company: 001
Contact Name: CALLER
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE no product lose. minor sheen in separator contained in vault. cleaned by nyct."

Remarks: "OIL/WATER SEPARATOR MALFUNCTIONED - CONTAINED IN VAULT - DID NOT GO ANYWHERE - REPAIR TO BEGIN - REQ'D BY DEC ON SITE"
MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

Facility ID: 9610294
Facility Type: ER
DER Facility ID: 85127
Site ID: 318595
DEC Region: 2
Spill Date: 1996-11-18
Spill Number/Closed Date: 9610294 / 1996-11-22
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

SWIS: 3101
Investigator: ADZHITOM
Referred To: Not reported
Reported to Dept: 1996-11-18
CID: 323
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-11-18
Spill Record Last Update: 2007-02-22
Spiller Name: RAMONE PAEZ
Spiller Company: CLARE HALE DEPOT
Spiller Address: 721 LENOX
Spiller City,St,Zip: MANHATTAN, ZZ
Spiller Company: 001
Contact Name: RAMONE PAEZ
Contact Phone: (718) 243-4581
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY"
Remarks: "GAUGE TO BOILER 1 BROKE, SPILL IS CONTAINED IN BOILER ROOM. CLEAN UP CREW IS ENROUTE."

Material:
Site ID: 318595
Operable Unit ID: 1038223
Operable Unit: 01
Material ID: 561119
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100.00
Units: Gallons
Recovered: 0
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9606076
MOTHER CLARA HALE (146TH ST) DEPOT - NYCT (Continued)

Facility Type: ER
DER Facility ID: 85127
Site ID: 95166
DEC Region: 2
Spill Date: 1996-08-11
Spill Number/Closed Date: 9606076 / 2000-12-27
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Material:
- Site ID: 95166
- Operable Unit ID: 1037043
- Operable Unit: 01
- Material ID: 348812
- Material Code: 0008
- Material Name: diesel
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: 10.00
- Units: Gallons
- Recovered: 10.00
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:
MAP FINDINGS

MOTHER CLARA HALE (146TH ST) DEPOT - NYCT (Continued)

Facility ID: 9503127
Facility Type: ER
DER Facility ID: 85127
Site ID: 158429
DEC Region: 2
Spill Date: 1995-06-13
Spill Number/Closed Date: 9503127 / 1995-06-14
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: MCTIBBE
Referral To: Not reported
Reported to Dept: 1995-06-13
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 1995-06-14
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1995-06-19
Spill Record Last Update: 2007-02-22
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: Not reported
Spiller City, St, Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: *Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 10/10/95: This is additional information about material spilled from the translation of the old spill file: CHLORODIFLUORO METHANE.*
Remarks: *LINE RUPTURED AND RELEASED PRODUCTS - UNIT CONTAINED 161 LBS OF PRODUCT*

Material:
Site ID: 158429
Operable Unit ID: 1017679
Operable Unit: 01
Material ID: 368185
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 16.00
Units: Gallons
Recovered: 0.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
**Map Findings**

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>243</td>
<td>East</td>
<td>0.446 mi.</td>
<td>2353 ft.</td>
<td>560 LINCOLN AVENUE, NEW YORK CITY, NY</td>
<td>NY LTANKS</td>
<td>S100145117</td>
</tr>
</tbody>
</table>

**LTANKS:**

- **Site ID:** 241119
- **Spill Number/Closed Date:** 8801291 / 1992-11-19
- **Spill Date:** 1988-05-11
- **Spill Cause:** Tank Test Failure
- **Spill Source:** Institutional, Educational, Gov., Other
- **Spill Class:** Known release with minimal potential for fire or hazard. DEC Response.
- **Cleanup Ceased:** 1992-11-19
- **Cleanup Meets Standard:** False
- **SWIS:** 4301
- **Investigator:** BATTISTA
- **Reported to Dept.:** Not reported
- **CID:** Not reported
- **Water Affected:** Not reported
- **Spill Notifier:** Tank Tester
- **Last Inspection:** Not reported
- **UST Involvement:** False
- **Remediation Phase:** 0
- **Date Entered In Computer:** 1988-05-16
- **Spill Record Last Update:** 1994-05-12
- **Spiller Name:** Not reported
- **Spiller Company:** ST MARGARET & MARY
- **Spiller Address:** 560 LINCOLN AVE
- **Spiller City,St,Zip:** STATEN ISLAND, ZZ
- **Spiller County:** 001
- **Spiller Contact:** Not reported
- **Spiller Phone:** Not reported
- **Spiller Extention:** Not reported
- **DEC Region:** 2
- **DER Facility ID:** 198246
- **DEC Memo:** "3K TANK , GROSS LEAK, BELIEVED TO BE PROBLEM W/LINE. INITIAL SYSTEM HORNER-EZY"

**Material:**

- **Site ID:** 241119
- **Operable Unit ID:** 916769
- **Operable Unit:** 01
- **Material ID:** 460437
- **Material Code:** 0001A
- **Material Name:** #2 fuel oil
- **Case No.:** Not reported
- **Material FA:** Petroleum
- **Quantity:** -1.00
- **Units:** Gallons
- **Recovered:** .00
- **Resource Affected:** Not reported
- **Oxygenate:** Not reported
560 LINCOLN AVENUE  (Continued)

Tank Test:
Site ID: 241119
Spill Tank Test: 1533883
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

AI244 SAVOY PARK APT    NY LTANKS S117395118
West 620 LENNOX AVE    N/A
1/4-1/2 NEW YORK, NY
0.450 mi. 2376 ft. Site 1 of 2 in cluster A1

Relative: LTANKS:
Lower Site ID: 502581
Actual: Spill Number/Closed Date: 1408982 / 2015-02-19
17 ft. Spill Date: 2014-12-04
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Clean Up Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: vszhune
Referred To: Not reported
Reported to Dept: 2014-12-04
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2014-12-04
Spill Record Last Update: 2015-02-20
Spiller Name: CHRIS STEELE
Spiller Company: SAVOY PARK APT
Spiller Address: 620 LENNOX AVE
Spiller City,St,Zip: NEW YORK, NY
Spiller County: 999
Spiller Contact: CHRIS STEELE
Spiller Phone: (718) 624-4842
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 457539
DEC Memo: "12/9/14-Zhune spoke to Ray Lara. Ray said they cleaned, emptied and
test the tank for conversion to #2 fuel oil. The tank failed the
test. Tank is 12000 AST. No discharge from bottom of the tank. He
thinks the leak is dry from the piping. 2/19/15-Mark Salamack from
PTC sent an email dated 2/9/15 with the following information The one
SAVOY PARK APT (Continued)

on Lenox Avenue and the one on 5th Avenue are both in the same complex called the Savoy...whose main address is 45 West 139th Street in Manhattan...these are both above ground tanks that were tested when they went from #6 oil to #2 oil...both had a problem with the way an electronic gauge was connected on top of each tank...there was no contamination or spilled oil in either case...they have both been retested and passed the tightness tests...as we have not been paid yet for the job we have not sent anything to you to get the spill #s closed. Based on the information that the gauge was repaired, there was no contamination or spill in this site and the tank system was retested and past the test this spill is closed."

Remarks:
“TEST FAILURE”

Material:
- Site ID: 502581
- Operable Unit ID: 1251951
- Operable Unit: 01
- Material ID: 2253926
- Material Code: 0001A
- Material Name: #2 fuel oil
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: Not reported
- Units: Not reported
- Recovered: Not reported
- Resource Affected: Not reported
- Oxygenate: Not reported

Tank Test:

Dzaguily Sy
## SINIGEEN LLC/DBA FIRST CRUSH (Continued)

<table>
<thead>
<tr>
<th>Site ID:</th>
<th>278382</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spill Number/Closed Date:</td>
<td>9308461 / 1994-05-16</td>
</tr>
<tr>
<td>Spill Date:</td>
<td>1993-10-13</td>
</tr>
<tr>
<td>Spill Cause:</td>
<td>Tank Failure</td>
</tr>
<tr>
<td>Spill Source:</td>
<td>Commercial/Industrial</td>
</tr>
<tr>
<td>Spill Class:</td>
<td>Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.</td>
</tr>
<tr>
<td>Cleanup Ceased:</td>
<td>1994-05-16</td>
</tr>
<tr>
<td>Cleanup Meets Standard:</td>
<td>True</td>
</tr>
<tr>
<td>SWIS:</td>
<td>3101</td>
</tr>
<tr>
<td>Investigator:</td>
<td>O'DOWD</td>
</tr>
<tr>
<td>Referred To:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Reported to Dept:</td>
<td>1993-10-13</td>
</tr>
<tr>
<td>CID:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Water Affected:</td>
<td>HARLEM RIVER</td>
</tr>
<tr>
<td>Spill Notifier:</td>
<td>Responsible Party</td>
</tr>
<tr>
<td>Last Inspection:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Recommended Penalty:</td>
<td>False</td>
</tr>
<tr>
<td>UST Involvement:</td>
<td>False</td>
</tr>
<tr>
<td>Remediation Phase:</td>
<td>0</td>
</tr>
<tr>
<td>Date Entered In Computer:</td>
<td>1993-10-13</td>
</tr>
<tr>
<td>Spill Record Last Update:</td>
<td>1994-05-16</td>
</tr>
<tr>
<td>Spiller Name:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Spiller Company:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Spiller Address:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Spiller City,St,Zip:</td>
<td><em><strong>Update</strong></em>, ZZ</td>
</tr>
<tr>
<td>Spiller County:</td>
<td>001</td>
</tr>
<tr>
<td>Spiller Contact:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Spiller Phone:</td>
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</tr>
<tr>
<td>Spiller Extention:</td>
<td>Not reported</td>
</tr>
<tr>
<td>DEC Region:</td>
<td>2</td>
</tr>
<tr>
<td>DER Facility ID:</td>
<td>226036</td>
</tr>
<tr>
<td>DEC Memo:</td>
<td>&quot;&quot;</td>
</tr>
</tbody>
</table>
| Remarks:               | "CRACK IN UNDERGR, TANK LEAKING UNDERGROUND INTO RIVER. ALSO CALLED EPA - UST 3 TANKS ON SITE TRATING 2 BUILDING."

### Material:

<table>
<thead>
<tr>
<th>Site ID:</th>
<th>278382</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operable Unit ID:</td>
<td>989998</td>
</tr>
<tr>
<td>Operable Unit:</td>
<td>01</td>
</tr>
<tr>
<td>Material ID:</td>
<td>394688</td>
</tr>
</tbody>
</table>

## SITE INFORMATION

**Address:**

101-125 WEST 147TH ST.

MANHATTAN, NY
247 RIVERTON APARTMENTS NY LTANKS S106385597 SW 2225-2237 5TH AVE N/A 1/4-1/2 NEW YORK, NY 2440 ft. 0.462 mi. LTANKS: Site ID: 260631 Spill Number/Closed Date: 0313699 / 2006-06-19 Actual: 11 ft. Spill Date: 2004-03-15 Relative: Lower Spill Cause: Tank Test Failure Spill Source: Institutional, Educational, Gov., Other Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. Cleanup Ceased: Not reported Cleanup Meets Standard: False SWIS: 3101 Investigator: Unassigned Referred To: Not reported Reported to Dept: 2004-03-15 CID: 444 Water Affected: Not reported Spill Notifier: Tank Tester Last Inspection: Not reported Recommended Penalty: False UST Involvement: False Remediation Phase: 0 Date Entered In Computer: 2004-03-15 Spill Record Last Update: 2008-08-21 Spiller Name: ADAM HOLLAR Spiller Company: RIVERTON APARTMENTS Spiller Address: 22-25 5TH AVE Spiller City,St,Zip: NEW YORK, NY Spiller County: 999 Spiller Contact: ADAM HOLLAR Spiller Phone: (212) 234-7500 Spiller Extention: Not reported DEC Region: 2 DER Facility ID: 212873 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO send TTF letter. 7/26/04 Tipple spoke with Mr. Hollar, Tim DeMeo working on site with Mr. Hollar//cleanup in progress//Site transferred to DeMeo, spill report faxed to Mr. Hollar, tank and contaminated soil to be removed Durnin: This spill was associated..."
RIVERTON APARTMENTS (Continued)  

<table>
<thead>
<tr>
<th>Tank Test:</th>
<th>Material FA:</th>
<th>Material Name:</th>
<th>Material Code:</th>
<th>Material ID:</th>
<th>Operable Unit ID:</th>
<th>Operable Unit:</th>
<th>Site ID:</th>
<th>Operable Unit ID:</th>
<th>Operable Unit:</th>
<th>Site ID:</th>
</tr>
</thead>
<tbody>
<tr>
<td>with spill 0312468 (#2 oil seeping from 25,000 gal. UST into basement) which was closed on May 16, 2006. This spill, #0313699, was a tank test failure of the same 25,000 gal. UST. Durnin:August 23, 2005-Airtek Environmental Corp. was hired to oversee the removal and replacement of the 25,000 gallon UST. Durnin:August 25, 2005-Durnin visits site to witness tank excavation pit and affected basement. Durnin:August 31, 2005- Durnin visits site to witness installation of new 25,000 gallon UST. Durnin: February 13, 2006-Airtek Environmental Corp. submits a Remedial Action Report, Exposure Assessment report and a CD of photographs. Durnin:The Remedial Action Report was reviewed and approved on April 17, 2006. Durnin:Spill No. 0313699 was closed based on the Remedial Action Report and a subsequent site investigation findings by the Owner’s environmental consultant. Durnin:The site was closed on June 19, 2006.” Remarks: “DRY LERAK AND THEY HANDLING IT AT THIS TIME.”</td>
<td>Petroleum</td>
<td>495296</td>
<td>0003A</td>
<td>#6 fuel oil</td>
<td>Not reported</td>
<td>880814</td>
<td>01</td>
<td>260631</td>
<td></td>
<td></td>
</tr>
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</table>

Material:

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<tr>
<th>Site ID:</th>
<th>Operable Unit ID:</th>
<th>Operable Unit:</th>
<th>Material ID:</th>
<th>Material Code:</th>
<th>Material Name:</th>
<th>Case No.:</th>
<th>Material FA:</th>
<th>Quantity:</th>
<th>Units:</th>
<th>Recovered:</th>
<th>Resource Affected:</th>
<th>Oxygenate:</th>
<th>Tank Test:</th>
</tr>
</thead>
<tbody>
<tr>
<td>260631</td>
<td>880814</td>
<td>01</td>
<td>495296</td>
<td>0003A</td>
<td>#6 fuel oil</td>
<td>Not reported</td>
<td>Petroleum</td>
<td>.00</td>
<td>Pounds</td>
<td>.00</td>
<td>Not reported</td>
<td>Not reported</td>
<td></td>
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</table>

Tank Test:

<table>
<thead>
<tr>
<th>Relative:</th>
<th>Actual:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower</td>
<td>16 ft.</td>
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</table>

<table>
<thead>
<tr>
<th>South</th>
<th>1/4-1/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>2501 THIRD AVENUE</td>
<td>BRONX, NY 10451</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SWF/LF:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flag: INACTIVE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region Code:</th>
<th>Phone Number:</th>
<th>Owner Name:</th>
<th>Owner Type:</th>
<th>Owner Address:</th>
<th>Owner Addr2:</th>
<th>Owner City,St,Zip:</th>
<th>Owner Email:</th>
<th>Owner Phone:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2129933702</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contact Name:</th>
<th>Contact Address:</th>
<th>Contact Addr2:</th>
<th>Contact City,St,Zip:</th>
<th>Contact Email:</th>
<th>Contact Phone:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUNZIO SQUILLANTE</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
YOUNG CONTRACTING CORP. (Continued)

Activity Desc: Transfer station - permit
Activity Number: [03T59]
Active: No
East Coordinate: 590400
North Coordinate: 4518200
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6004-00073
Authorization Date: Not reported
Expiration Date: Not reported

249 South
1/4-1/2 0.463 mi.
2442 ft.

Location: The Site is located in an urban area of the Bronx, New York. The property is located approximately 250 feet northwest of the intersection of East 135th Street and 3rd Avenue. Site Features: The property is vacant and used to store vehicles associated with a storage/moving company located adjacent to the property. The Harlem River is located approximately 600 feet to the southwest. Current Zoning and Land Use: The site is currently inactive, and is zoned for mixed-use high-density residential and commercial use. Past Use of the Site: Prior site uses that appear to have led to site contamination are railroad freight yard, coal yard, warehousing, and various industrial uses (some of which included oil storage). The site also appears to be contaminated with historic fill. Soil remediation of VOCs, SVOCs, and metals occurred in 1999. Spill #0001384 is associated with that remediation was closed. Site Geology and Hydrogeology: The stratigraphy of the Site, from the surface down to about 12 feet below grade, is classified as fill consisting of a mixture of gravel, sand, rocks and possibly construction debris. The water table at the site ranges from approximately 9 feet to 12 feet below grade. Groundwater flow is anticipated to be towards the north.

Env Problem: Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available.

Health Problem: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
198 EAST 135TH STREET (Continued)

Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library - Mott Haven Branch
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Cheskel Schwimmer
Owner Company: Deegan 135 Realty LLC
Owner Address: 199 Lee Avenue, #103
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: Cheskel Schwimmer
Owner Company: Deegan 135 Realty LLC
Owner Address: 199 Lee Avenue, #103
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Bronx Community Board 1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported
**Map Findings**

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<th>Elevation</th>
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</table>

**LTANKS:**

- **Site ID:** 318950
- **Spill Number/Closed Date:** 9814882 / 2003-11-19
- **Spill Date:** 1999-03-15
- **Spill Cause:** Tank Failure
- **Spill Source:** Institutional, Educational, Gov., Other
- **Spill Class:** Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
- **Cleanup Ceased:** Not reported
- **Cleanup Meets Standard:** False
- **SWIS:** 3101
- **Investigator:** SMSANGES
- **Referred To:** Not reported
- **Reported to Dept:** 1999-03-15
- **CID:** 323
- **Water Affected:** Not reported
- **Spill Notifier:** Responsible Party
- **Last Inspection:** Not reported
- **Recommended Penalty:** False
- **UST Involvement:** False
- **Remediation Phase:** 0
- **Date Entered In Computer:** 1999-03-15
- **Spill Record Last Update:** 2003-12-11
- **Spiller Name:** CHRIS MCNEUR
- **Spiller Company:** APT COMPLEX
- **Spiller Address:** 101 W.140TH ST
- **Spiller City,St,Zip:** MANHATTAN, NY 101 W.140TH ST S102233285
- **Spiller County:** 001
- **Spiller Contact:** CHRIS MCNEUR
- **Spiller Phone:** (212) 972-0700
- **Spiller Extention:** Not reported
- **DEC Region:** 2
- **DER Facility ID:** 257102
- **DEC Memo:**

> "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 4:30PM 3/15- CALLED EASTMOND. TANK WAS CORRODED. 2,300 GALLONS IN TANK ROOM. EASTMOND Emptied TANK. PUT DOWN SPEEDY DRY, 4/1/99 CHRIS MCNEUR AT MAHA REALTY SAYS SITE WAS CLEANED UP AND TEMP TANKS WERE INSTALLED. OWNER IS THINKING ABOUT EITHER A NEW TANK OR REPAIRING THE OLD ONE. 5/20/99 CHRIS MCNEUR SAID MAHA REALTY NO LONGER MANAGES THIS BUILDING. THE OWNER WENT BANKRUPT AND MANAGEMENT OF THE BUILDING WAS TAKEN OVER BY NEW YORK CITY HPD. 1/17/2002 - Sangesland spoke with Tom Middleton (environmental consultant) who now works for the new owner of the property. Apparently the former property owner lost the building to the city. The city recently sold the building and now the new owner is trying to figure out what needs to be done to bring it into compliance. Mr. Middleton says he believes there is a new tank in the building, but this needs to be confirmed. Sangesland requested a submittal to the DEC including details of the original spill clean up, information related to either the repair or replacement for the subject tank and information on the present owner. As of 1/17/2002, the PBS records are out of date. (expired 1997) The new owner needs to update the PBS information and submit the appropriate PBS information. 3/21/2002 Sangesland received"
### Material:

<table>
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<tr>
<th>Site ID</th>
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<tbody>
<tr>
<td>Operable Unit ID</td>
<td>1072744</td>
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<tr>
<td>Operable Unit</td>
<td>01</td>
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<tr>
<td>Material ID</td>
<td>311551</td>
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<tr>
<td>Material Code</td>
<td>0001A</td>
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<tr>
<td>Material Name</td>
<td>#2 fuel oil</td>
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<tr>
<td>Case No.</td>
<td>Not reported</td>
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<tr>
<td>Material FA</td>
<td>Petroleum</td>
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<tr>
<td>Quantity</td>
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</tr>
<tr>
<td>Units</td>
<td>Gallons</td>
</tr>
<tr>
<td>Recovered</td>
<td>200.00</td>
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<tr>
<td>Resource Affected</td>
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</tr>
<tr>
<td>Oxygenate</td>
<td>Not reported</td>
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### Tank Test:

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<tbody>
<tr>
<td>Spill Number/Closed Date</td>
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<tr>
<td>Spill Date</td>
<td>1996-02-14</td>
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<tr>
<td>Spill Cause</td>
<td>Tank Failure</td>
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<tr>
<td>Spill Source</td>
<td>Institutional, Educational, Gov., Other</td>
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<td>Spill Class</td>
<td>Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.</td>
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<tr>
<td>Cleanup Ceased</td>
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<td>Cleanup Meets Standard</td>
<td>False</td>
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<td>SWIS</td>
<td>3101</td>
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<tr>
<td>Investigator</td>
<td>MCTIBBE</td>
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<td>Referred To</td>
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<td>Reported To Dept</td>
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<td>CID</td>
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<td>Spill Notifier</td>
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<td>Remediation Phase</td>
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<td>Date Entered In Computer</td>
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<td>Spiller Name</td>
<td>KEVIN WILSON</td>
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101 W 140TH ST (Continued)

Spiller Company: Not reported
Spiller Address: 101 W 140TH ST
Spiller City, St, Zip: MANHATTAN, NY
Spiller County: 001
Spiller Contact: KEVIN WILSON
Spiller Phone: (212) 234-7802
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 229794
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE CLEANED BY PTC."
Remarks: "ruptured tank - contained to boiler room - location is a multiple dwelling - clean in process"

Material:
Site ID: 283313
Operable Unit ID: 1025679
Operable Unit: 01
Material ID: 354709
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200.00
Units: Gallons
Recovered: 200.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

251 NNE 740 GRAND CONCOURSE
1/4-1/2 0.480 mi. 2532 ft.

Relative: Higher
Actual: 83 ft.

LTANKS:
Site ID: 103839
Spill Number/Closed Date: 9400122 / 1998-03-17
Spill Date: 1994-04-04
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1994-04-04
CID: Not reported
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
**SURREY RESIDENCE (Continued)**

| UST Involvement: | False |
| Remediaion Phase: | 0 |
| Date Entered In Computer: | 1994-04-07 |
| Spill Record Last Update: | 2000-07-06 |
| Spiller Name: | Not reported |
| Spiller Company: | UNK OIL CO. |
| Spiller Address: | Not reported |
| Spiller City,St,Zip: | ZZ |
| Spiller County: | 001 |
| Spiller Contact: | Not reported |
| Spiller Phone: | Not reported |
| Spiller Extentan: | Not reported |
| DEC Region: | 2 |
| DER Facility ID: | 91794 |
| DEC Memo: | "" |
| Remarks: | "SPILL ON PAVEMENT OF BACKYARD. HAZ MAT WAS NOTIFIED - CALL DEP - WASHINGTON FROM DEP TO BE OUT AT SITE - CALL TO MR. SUAREZ DID NOT CONFIRM SPILL - WAITING CALL FROM DEP." |

**Material:**

| Site ID: | 103839 |
| Operable Unit ID: | 993852 |
| Operable Unit: | 01 |
| Material ID: | 387448 |
| Material Code: | 0002A |
| Material Name: | #4 fuel oil |
| Case No.: | Not reported |
| Material FA: | Petroleum |
| Quantity: | -1.00 |
| Units: | Pounds |
| Recovered: | .00 |
| Resource Affected: | Not reported |
| Oxygenate: | Not reported |

**Tank Test:**

**AK252**

### 120-128 WEST 145TH STREET

**WNW**

1/4-1/2

### 0.480 mi.

### 2534 ft.

**Site 1 of 2 in cluster AK**

| Relative: | Lower |
| Actual: | 19 ft. |

| LTANKS: | 220577 |
| Site ID: | 220577 |
| Spill Number/Closed Date: | 9210186 / 1994-07-22 |
| Spill Date: | 1992-12-02 |
| Spill Cause: | Tank Test Failure |
| Spill Source: | Gasoline Station or other PBS Facility |
| Spill Class: | Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. |
| Cleanup Ceased: | 1994-07-22 |
| Cleanup Meets Standard: | True |
| SWIS: | 3101 |
| Investigator: | O'DOWD |
| Referred To: | Not reported |
| Reported to Dept: | 1992-12-02 |
120-128 WEST 145TH STREET (Continued)  S104275681

CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered in Computer: 1992-12-03
Spill Record Last Update: 1994-08-02
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 182450
DEC Memo: 
Remarks: "2X4K AND 1X2K-MANIFOLDED-NO ACTION YET-WILL EIR TOMORROW"

Material:
Site ID: 220577
Operable Unit ID: 974287
Operable Unit: 01
Material ID: 407187
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 220577
Spill Tank Test: 1540916
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown
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**Site 2 of 2 in cluster AK**

**Relative: Lower**

- Site ID: 181462
- Spill Number/Closed Date: 8606425 / 1987-08-21
- Spill Date: 1987-01-13
- Spill Cause: Tank Test Failure
- Spill Source: Gasoline Station or other PBS Facility
- Spill Class: Not reported
- Cleanup Ceased: 1987-08-21
- Cleanup Meets Standard: True
- SWIS: 3101
- Investigator: UNASSIGNED
- Reporter To: Not reported
- Reported to Dept: 1987-01-15
- CID: Not reported
- Water Affected: NONE
- Spill Notifier: Tank Tester
- Last Inspection: Not reported
- Recommended Penalty: False
- UST Involvement: True
- Remediation Phase: 0
- Date Entered In Computer: 1987-02-11
- Spill Record Last Update: 2004-04-21
- Spiller Name: Not reported
- Spiller Company: MERIT SERVICE
- Spiller Address: 120-28 W 145 ST.
- Spiller City, St, Zip: NEW YORK CITY, ZZ
- Spiller County: 001
- Spiller Contact: Not reported
- Spiller Phone: Not reported
- Spiller Extention: Not reported
- DEC Region: 2
- DER Facility ID: 152167
- DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was 10/10/95: This is additional information about material spilled from the translation of the old spill file: UNKNOWN AMOUNT."
- Remarks: "4K AND 2K UNDERGROUND TANK SYSTEM PREMIUM NO LEAD WOULD NOT HOLD IN STANDPIPE.2K AND TWO 4K UNDERGROUND TANK SYSTEM.SEE HISTORY"

**Material:**

- Site ID: 181462
- Operable Unit ID: 904007
- Operable Unit: 01
- Material ID: 475545
- Material Code: 0009
- Material Name: gasoline
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: .00
- Units: Gallons
- Recovered: .00
- Resource Affected: Not reported
- Oxygenate: Not reported
120-128 W.145TH ST (Continued)

Tank Test:
- Site ID: 181462
- Spill Tank Test: 1530504
- Tank Number: Not reported
- Tank Size: 0
- Test Method: 00
- Leak Rate: 0.00
- Gross Fail: Not reported
- Modified By: Spills
- Last Modified: Not reported
- Test Method: Unknown

254 2477 THIRD AVENUE PROPERTY
South 2477 THIRD AVENUE
1/4-1/2 BRONX, NY 10454
0.483 mi. 2551 ft.

ENG CONTROLS:
- Site Code: 410705
- HW Code: C203047
- Control Code: 13
- Control Type: ENG
- Date Record Added: 06/25/2012
- Date Rec Updated: 02/14/2017
- Updated By: ljalden
- Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.
- Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site's commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the
monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
2477 THIRD AVENUE PROPERTY (Continued)

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Cross Ref Type: Spill No.
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Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
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Cross Ref Type Code: 25
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Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJOZZY

Site Code: 410705
HW Code: C203047
Control Code: 15
Control Type: ENG
Date Record Added: 06/25/2012
Date Rec Updated: 02/14/2017
LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site's commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
### 2477 Third Avenue Property (Continued)

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<th>Jiten LLC</th>
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<tbody>
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<td>Owner Company</td>
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</tr>
<tr>
<td>HW Code</td>
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</tr>
<tr>
<td>Waste Type</td>
<td>Ethylbenzene</td>
</tr>
<tr>
<td>Waste Quantity</td>
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</tr>
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</tr>
<tr>
<td>HW Code</td>
<td>C203047</td>
</tr>
<tr>
<td>Waste Type</td>
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</tr>
<tr>
<td>Waste Quantity</td>
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</tr>
<tr>
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</tr>
<tr>
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<tr>
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<td>Waste Type</td>
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<td>Waste Quantity</td>
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</tr>
<tr>
<td>Waste Code</td>
<td>Not reported</td>
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<tr>
<td>HW Code</td>
<td>C203047</td>
</tr>
<tr>
<td>Waste Type</td>
<td>Methyl-tert-butyl ether (MTBE)</td>
</tr>
<tr>
<td>Waste Quantity</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>Waste Code</td>
<td>Not reported</td>
</tr>
</tbody>
</table>
Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully
achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site's commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem:
Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
### 2477 THIRD AVENUE PROPERTY (Continued)

<table>
<thead>
<tr>
<th>Owner Name</th>
<th>Bronx Community Board #1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner Company</td>
<td>Bronx Community Board #1</td>
</tr>
<tr>
<td>Owner Address</td>
<td>3024 Third Avenue</td>
</tr>
<tr>
<td>Owner Addr2</td>
<td>Not reported</td>
</tr>
<tr>
<td>Owner City, St, Zip</td>
<td>Bronx, NY 10455</td>
</tr>
<tr>
<td>Owner Country</td>
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<tr>
<td>HW Code</td>
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<td>Waste Type</td>
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<tr>
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<td>Not reported</td>
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<td>HW Code</td>
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</tr>
<tr>
<td>Waste Type</td>
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</tr>
<tr>
<td>Waste Code</td>
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<tr>
<td>HW Code</td>
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</tr>
<tr>
<td>Waste Type</td>
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<td>Waste Quantity</td>
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<tr>
<td>Waste Code</td>
<td>Not reported</td>
</tr>
<tr>
<td>HW Code</td>
<td>C203047</td>
</tr>
<tr>
<td>Waste Type</td>
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</tr>
<tr>
<td>Waste Quantity</td>
<td>UNKNOWN</td>
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<td>Waste Code</td>
<td>Not reported</td>
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<td>Crossref ID</td>
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**Cross Ref Type Code:** Cross Ref Type: Spill No.

- **Record Added Date:** 2/22/2011 3:29:00 PM
- **Record Updated:** 2/22/2011 3:29:00 PM
- **Updated By:** RXKEATIN
- **Crossref ID:** C203047-11-09

**Cross Ref Type Code:** Cross Ref Type: Agreement/Consent Order Number

- **Record Added Date:** 7/2015 11:59:00 AM
- **Record Updated:** 10/7/2015 11:59:00 AM
- **Updated By:** SMQUANDT
- **Crossref ID:** 2014030300796001

**Cross Ref Type Code:** Cross Ref Type: County Recording Identifier

- **Record Added Date:** 2/21/2015 1:28:00 PM
- **Record Updated:** 7/21/2015 1:28:00 PM
- **Updated By:** RXKEATIN
- **Crossref ID:** 20140000074327

**Cross Ref Type Code:** Cross Ref Type: County Recording Identifier

- **Record Added Date:** 12/3/2015 8:38:00 AM

**EPA ID Number:** S109580082
LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site's commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
2477 THIRD AVENUE PROPERTY (Continued)  S109580082
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN

Owner Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Owner Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Owner Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Owner Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYL BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
petroleum products to the environment resulted in the site filling station from the 1950s until approximately 1989. Releases of under construction. PAST USE OF THE SITE: The site was a gasoline USE(S): The site is zoned commercial. As noted above, a new hotel is commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site was a gasoline filling station from the 1950s until approximately 1989. Releases of petroleum products to the environment resulted in the site
Remedial actions are complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site’s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
2477 THIRD AVENUE PROPERTY (Continued)

Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City, St, Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City, St, Zip: Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
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HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Cross ID: 0230034
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Cross Ref ID: C203047-11-09
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Cross Ref ID: 2014030300796001
Cross Ref Type: 2477 THIRD AVENUE PROPERTY (Continued)
Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site’s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed.
2477 THIRD AVENUE PROPERTY (Continued)

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047

under a Site Management Plan.
2477 THIRD AVENUE PROPERTY (Continued) S109580082

Location: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The

Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047

Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047

Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047

Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047

Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Cross ref ID: 0230034

Cross Ref Type Code: Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Cross ref ID: C203047-11-09

Cross Ref Type Code: Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RJCOZZY

Cross Ref Type Code: Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN

Cross Ref Type Code: Cross Ref Type: County Recording Identifier
Record Added Date: 12/3/2015 8:38:00 AM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

Site Code: 410705
Control Name: Site Management Plan
HW Code: C203047
Control Code: 32
Control Type: INST
Dt record added: 06/25/2012
Dt rec updated: 02/14/2017
Updated By: ljalden
Site Code: 410705
Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The
property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site's commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
2477 THIRD AVENUE PROPERTY (Continued) S109580082

Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site's commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and...
2477 THIRD AVENUE PROPERTY (Continued)

if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management.

Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City, St, Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City, St, Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City, St, Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City, St, Zip: Bronx, NY 10455
Owner Country: United States of America
2477 THIRD AVENUE PROPERTY (Continued)

HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code: Agreement/Consent Order Number
Record Added Date: 7/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code: County Recording Identifier
Record Added Date: 2/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 20140000074327
Cross Ref Type Code: County Recording Identifier
Record Added Date: 12/3/2015 8:38:00 AM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

Site Code: 410705
Control Name: Landuse Restriction
HW Code: C203047
Control Code: 28
### 2477 THIRD AVENUE PROPERTY (Continued)

- **Control Type:** INST
- **Dt record added:** 06/25/2012
- **Dt rec updated:** 02/14/2017
- **Updated By:** ljalden
- **Site Code:** 410705
- **Site Description:** LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.
- **Env Problem:** Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.
- **Health Problem:** Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
- **Dump:** False
- **Structure:** False
- **Lagoon:** False
- **Landfill:** False
- **Pond:** False
- **Disp Start:** Not reported
- **Disp Term:** Not reported
- **Lat/Long:** Not reported
- **Dell:** Not reported
- **Record Add:** 9/24/2009 3:59:00 PM
- **Record Upd:** 12/1/2015 2:00:00 PM
### 2477 THIRD AVENUE PROPERTY (Continued)

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<td>Bharat Patel</td>
</tr>
<tr>
<td>Owner Company</td>
<td>Jiten LLC</td>
</tr>
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<td>Owner Address</td>
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<td>Owner City,St,Zip</td>
<td>Bronx, NY 10455</td>
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<td>Owner Country</td>
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<td>Waste Type</td>
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<td>Waste Quantity</td>
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</tr>
<tr>
<td>Waste Type</td>
<td>XYLENE (MIXED)</td>
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<td>Waste Quantity</td>
<td>UNKNOWN</td>
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<td>Waste Code</td>
<td>Not reported</td>
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<td>HW Code</td>
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</tr>
<tr>
<td>Waste Type</td>
<td>TOLUENE</td>
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<tr>
<td>Waste Quantity</td>
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<td>Waste Code</td>
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<td>Waste Type</td>
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<td>Waste Quantity</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>Waste Code</td>
<td>Not reported</td>
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</table>
LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.
Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site's commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
2477 THIRD AVENUE PROPERTY (Continued) S109580082

Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Add2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYL BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 7/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code:
2477 THIRD AVENUE PROPERTY (Continued)

Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site’s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
2477 THIRD AVENUE PROPERTY  (Continued)

| Structure: | False |
| Lagoon: | False |
| Landfill: | False |
| Pond: | False |
| Disp Start: | Not reported |
| Disp Term: | Not reported |
| Lat/Long: | Not reported |
| Dell: | Not reported |
| Record Add: | 9/24/2009 3:59:00 PM |
| Record Upd: | 12/1/2015 2:00:00 PM |
| Updated By: | JEBROWN |
| Own Op: | Owner |
| Sub Type: | 06 |
| Owner Name: | Bharat Patel |
| Owner Company: | Jiten LLC |
| Owner Address: | 144-17 156th Street |
| Owner Addr2: | Not reported |
| Owner City,St,Zip: | Jamaica, NY 11434 |
| Owner Country: | United States of America |
| Own Op: | Document Repository |
| Sub Type: | NNN |
| Owner Name: | New York Public Library |
| Owner Company: | New York Public Library |
| Owner Address: | Mott Haven Branch |
| Owner Addr2: | 321 East 140 Street |
| Owner City,St,Zip: | Bronx, NY 10454 |
| Owner Country: | United States of America |
| Own Op: | Applicant/Requestor |
| Sub Type: | P03 |
| Owner Name: | Bharat Patel |
| Owner Company: | Jiten LLC |
| Owner Address: | 144-17 156th Street |
| Owner Addr2: | Not reported |
| Owner City,St,Zip: | Jamaica, NY 11434 |
| Owner Country: | United States of America |
| Own Op: | Document Repository |
| Sub Type: | E |
| Owner Name: | Bronx Community Board #1 |
| Owner Company: | Bronx Community Board #1 |
| Owner Address: | 3024 Third Avenue |
| Owner Addr2: | Not reported |
| Owner City,St,Zip: | Bronx, NY 10455 |
| Owner Country: | United States of America |
| HW Code: | C203047 |
| Waste Type: | 1,2,4-TRIMETHYLBENZENE |
| Waste Quantity: | Not reported |
| Waste Code: | C203047 |
| Waste Type: | ETHYLBENZENE |
| Waste Quantity: | Not reported |
| Waste Code: | C203047 |
| Waste Type: | BENZENE |
| Waste Quantity: | Not reported |
| Waste Code: | C203047 |
| Waste Type: | XYLENE (MIXED) |
2477 THIRD AVENUE PROPERTY (Continued)

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 201403030076001
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 20140000074327
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCQOZZY

255
NNE
1/4-1/2
0.489 mi.
2583 ft.

LTANKS:
Site ID: 142744
Spill Number/Closed Date: 9412692 / 1994-12-22
Spill Date: 1994-12-21
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1994-12-22
Cleanup Meets Standard: True
SWIS: 0301
Investigator: MCTIBBE
Referred To: Not reported

NY LTANKS S102672744 N/A
255
711 WALTON AVENUE
BRONX, NY
711 WALTON AVENUE
711 WALTON AVENUE (Continued)

Reported to Dept: 1994-12-21
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered in Computer: 1995-02-24
Spill Record Last Update: 1995-02-28
Spiller Name: Not reported
Spiller Company: CASTLE FUEL OIL
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 121781
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE"
Remarks: "OVERFILL DUE TO BAD GAUGE ON RESIDENTIAL TANK. CREW FROM CASTLE TO CLEAN UP"

Material:
Site ID: 142744
Operable Unit ID: 1006330
Operable Unit: 01
Material ID: 374985
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

256 APARTMENT NY LTANKS S107410697
West 127 WEST 141 ST N/A
1/4-1/2 NEW YORK, NY 10030
0.491 mi. 2591 ft.

Relative: Higher
Actual: 30 ft.

LTANKS:
Site ID: 353559
Spill Number/Closed Date: 0508040 / 2006-08-08
Spill Date: 2005-10-05
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
APARTMENT (Continued)

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 2005-10-05
CID: 444
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2005-10-05
Spill Record Last Update: 2006-08-08
Spiller Name: PROPERTY MGT
Spiller Company: APARTMENT
Spiller Address: 127-135 WEST 141ST STREET
Spiller City,St,Zip: NEW YORK, NY
999
Spiller County: SUPER
Spiller Phone: (646) 284-8385
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 15950
DEC Memo:

"10/5 - Sangesland spoke to Rep from Hess Oil. Hess has hired ABC Tank Cleaners (718-272-2800) They were on their way to the site as of 3:15PM Building Super is Giovanni 646-529-5757 Unknown if it is a simple clean up, or if there is a digout/repairs to be made. 03/01/06 Sharif Rahman- I spoke with the building super, Giovanni(646-529-5757). He told me the gauge was not working properly and they cleaned it up. Need to know the cause of the spill. I left a messege for building manager, Mr. Abidin from PINNACLE Group,(212)222-7206. 03/27/06 Sharif Rahman- A violation letter was sent to Pinnacle Group 106 W. 105 Street New York, NY 10025 Attn: Abidin Radondic,Fax:(212)222-8459 05/02/06 Sharif Rahman- Department has not receive any correspondence regarding the spill clean up. I faxed the previous letter to Michelle Morales @(212)729-5495.Her office no is (212)564-2111 x 3021. 07/11/06 Rahman- I called Michelle Morales today again to follow up on the spill, DEC has not received any report about the clean up, she said she would send the paper works to DEC. 07/14/06 Rahman-Rec’d work invoice from ABC tank regarding the closure of the spill.ABC tank pumped out and washed the area affected by the oil spill. The cause of the spill was overfill from a precut on top of the tank.Approx. 75 gallons spilled on the floor.ABC tank fixed the pre cut on the tank.Need to check the floor condition for cracks,leakage. 08/07/06 Rahman- Inspected the floor, found no drain, cracks, condition looked good.NFA required. "

Remarks: "IS EITHER A LINE PROBLEM OR OTHER: STILL CHECKING: SERVICE MAN ENROUTE: NO DRAINS ALL CONTAINED IN BUILDING:"

Material:
Site ID: 353559
Operable Unit ID: 1111015
Operable Unit: 01
Material ID: 2101057
Material Code: 0001A
### APARTMENT (Continued)

- **Material Name:** #2 fuel oil
- **Case No.:** Not reported
- **Material FA:** Petroleum
- **Quantity:** 10.00
- **Units:** Gallons
- **Recovered:** 0.00
- **Resource Affected:** Not reported
- **Oxygenate:** Not reported
- **Tank Test:**

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### LTANKS:

- **Site ID:** 214153
- **Spill Number/Closed Date:** 9104756 / 1991-08-02
- **Spill Date:** 1991-08-01
- **Spill Cause:** Tank Overfill
- **Spill Source:** Institutional, Educational, Gov., Other
- **Spill Class:** Not reported
- **Cleanup Ceased:** 1991-08-02
- **Cleanup Meets Standard:** True
- **SWIS:** 3101
- **Investigator:** HEALY
- **Referral To:** Not reported
- **Reported to Dept:** 1991-08-01
- **CID:** Not reported
- **Water Affected:** Not reported
- **Spill Notifier:** Affected Persons
- **Last Inspection:** Not reported
- **Recommended Penalty:** False
- **UST Involvement:** False
- **Remediation Phase:** 0
- **Date Entered In Computer:** 1991-08-07
- **Spill Record Last Update:** 1993-12-27
- **Spiller Name:** Not reported
- **Spiller Company:** COASTAL OIL
- **Spiller Address:** Not reported
- **Spiller City, St, Zip:** ZZ
- **Spiller County:** 001
- **Spiller Contact:** Not reported
- **Spiller Phone:** Not reported
- **Spiller Extention:** Not reported
- **DEC Region:** 2
- **DER Facility ID:** 177424
- **DEC Memo:**
- **Remarks:** "CONTRACTOR ON SCENE WITH VAC TRUCK TO CLEAN UP, SPILL CONTAINED IN SUMPPIT, SUMP TURNED OFF, WINSTON CONTRACTORS DID CLEAN UP, NO PRODUCT IN SEWERS."

- **Material:**
  - **Site ID:** 214153
LINCOLN (Continued)

Operable Unit ID: 955528
Operable Unit: 01
Material ID: 423815
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: Gallons
Recovered: 0.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

258
NE
1/4-1/2
0.493 mi.
2601 ft.
Relative: Higher
Actual: 50 ft.

ENG CONTROLS:
Site Code: 335960
HW Code: C203030
Control Code: 13
Control Type: ENG
Date Record Added: 08/10/2010
Date Rec Updated: 09/26/2012
Updated By: SRHEIGEL

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Livestock and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished.
between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylene (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.
FORMER METRO NORTH PROPERTY (Continued)

- Waste Quantity: UNKNOWN
- Waste Code: Not reported
- HW Code: C203030
- Waste Type: XYLENE (MIXED)
- Waste Quantity: UNKNOWN
- Waste Code: Not reported
- HW Code: C203030
- Waste Type: ETHYLBENZENE
- Waste Quantity: UNKNOWN
- Waste Code: Not reported
- Cross Ref Type Code: 23
- Cross Ref Type: Agreement/Consent Order Number
- Record Added Date: 4/16/2009 2:42:00 PM
- Record Updated: 4/16/2009 2:42:00 PM
- Updated By: THKNIZEK
- Cross Ref ID: 2010000265110
- Cross Ref Type Code: 25
- Cross Ref Type: County Recording Identifier
- Record Added Date: 8/10/2010 2:05:00 PM
- Record Updated: 8/10/2010 2:05:00 PM
- Updated By: VXBREVDO
- Cross Ref ID: 203042
- Cross Ref Type Code: 02
- Cross Ref Type: HW Site ID
- Record Added Date: 6/18/2007 2:41:00 PM
- Record Updated: 6/18/2007 2:41:00 PM
- Updated By: MDMACCAB
- Cross Ref ID: 203036
- Cross Ref Type Code: 02
- Cross Ref Type: HW Site ID
- Record Added Date: 10/31/2007 8:59:00 AM
- Record Updated: 10/31/2007 8:59:00 AM
- Updated By: mdmaccab
- Cross Ref ID: 0551708
- Cross Ref Type Code: 01
- Cross Ref Type: Spill No.
- Record Added Date: 1/11/2011 10:54:00 AM
- Record Updated: 1/11/2011 10:54:00 AM
- Updated By: MCTIBBE

Site Code: 335960
HW Code: C203030
Control Code: 18
Control Type: ENG
Date Record Added: 08/10/2010
Date Rec Updated: 09/26/2012
Updated By: SRHEIGEL

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the...
FORMER METRO NORTH PROPERTY (Continued)

Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.
FORMER METRO NORTH PROPERTY (Continued)

Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1074-05-08
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 4/16/2009 2:42:00 PM
Record Updated: 4/16/2009 2:42:00 PM
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 8/10/2010 2:05:00 PM
Record Updated: 8/10/2010 2:05:00 PM
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code: 02
Cross Ref Type: County Site ID
Record Added Date: 6/18/2007 2:41:00 PM
Record Updated: 6/18/2007 2:41:00 PM
Updated By: MDMACCAAB
Crossref ID: 203036
Cross Ref Type Code: 02
Cross Ref Type: County Site ID

TC5022723.2s  Page 808
naphthalene contamination. Remedial actions have successfully
dissolved phase VOC and confined to the northwestern portion of the Site (BCP area). The significant contamination identified in soil and groundwater was polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the contaminants of concern in groundwater were benzene, toluene, ethylbenzene, and xylenes (BTEX). The most completed, and the project is in Site Management phase. The Nature and Extent of Contamination: Remedy on the site is now Env Problem:

Geology and Hydrogeology: Groundwater flow direction is generally to the west. Construction of the Mott Haven School Campus was initiated. Site between 1951 and 1977. The Site remained undeveloped until 2007 when the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.
FORMER METRO NORTH PROPERTY (Continued)

achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40°49'17.7" / 73°55'23.3"
Dell: False
Record Add: 1/5/2005 1:43:00 PM
Record Upd: 4/16/2009 2:43:00 PM
Updated By: THKNIZEK

Owner Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
Owner Name: Applicant/Requestor
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America

Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030

Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030

Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030

Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030

Waste Type: BENZENE
Waste Quantity: UNKNOWN
Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use:
FORMER METRO NORTH PROPERTY (Continued)

The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methyl-naphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

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FORMER METRO NORTH PROPERTY (Continued)

<table>
<thead>
<tr>
<th>Site Code</th>
<th>Control Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>335960</td>
<td>Environmental Easement</td>
</tr>
</tbody>
</table>

**Owner Information**
- **Owner Addr2**: 3RD FLOOR
- **Owner City,St,Zip**: LONG ISLAND CITY, NY 11101
- **Owner Country**: United States of America

**Waste Details**
- **Waste Type**: NAPHTHALENE
- **Waste Quantity**: UNKNOWN
- **Waste Code**: Not reported
- **HW Code**: C203030

**Other Details**
- **Cross Ref Type**: Agreement/Consent Order Number
- **Cross Ref ID**: w2-1074-05-08
- **Record Added Date**: 4/16/2009 2:42:00 PM
- **Record Updated**: 4/16/2009 2:42:00 PM
- **Updated By**: THKNIZEK

**Additional Cross Refs**
- **County Recording Identifier**: 2010000265110
- **Record Added Date**: 8/10/2010 2:05:00 PM
- **Record Updated**: 8/10/2010 2:05:00 PM
- **Updated By**: VXBREVDO

**Site Information**
- **Elevation**: 3RD FLOOR
- **Address**: FORMER METRO NORTH PROPERTY

**Other Details**
- **Cross Ref Type**: HW Site ID
- **Record Added Date**: 6/18/2007 2:41:00 PM
- **Record Updated**: 6/18/2007 2:41:00 PM
- **Updated By**: MDMACAB

**Site Code Details**
- **Site Code**: 335960
- **Control Name**: Environmental Easement
FORMER METRO NORTH PROPERTY (Continued)

HW Code: C203030
Control Code: J
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benz(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

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FORMER METRO NORTH PROPERTY (Continued)

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40°49'17.7" / 73°55'23.3"
Dell: False
Record Add: 1/5/2005 1:43:00 PM
Record Upd: 4/16/2009 2:43:00 PM
Updated By: THKNIZEK
Own Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
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Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1074-05-08
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FORMER METRO NORTH PROPERTY (Continued)

Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to...
the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

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Dump: False
Structure: False
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Disp Start: Not reported
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Owner Op: Owner
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Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
The Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is

- Waste Type: TOLUENE
- Waste Quantity: UNKNOWN
- Waste Code: Not reported
- HW Code: C203030
- Waste Type: XYLENE (MIXED)
- Waste Quantity: UNKNOWN
- Waste Code: Not reported
- HW Code: C203030
- Waste Type: ETHYLBENZENE
- Waste Quantity: UNKNOWN
- Waste Code: Not reported
- HW Code: C203030
- Waste Type: BENZENE
- Waste Quantity: UNKNOWN
- Waste Code: Not reported
- Crossref ID: w2-1074-05-08
FORMER METRO NORTH PROPERTY (Continued)

located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Dell: False
### FORMER METRO NORTH PROPERTY (Continued)

| Record Add: | 1/5/2005 1:43:00 PM |
| Record Upd: | 4/16/2009 2:43:00 PM |
| Updated By: | THKNIZEK |
| Owner Op: | Owner |
| Sub Type: | NNN |
| Owner Name: | Bernie Orlan |
| Owner Company: | New York City Dept of Education |
| Owner Address: | 44-36 Vernon Blvd |
| Owner Addr2: | Not reported |
| Owner City,St,Zip: | Long Island CITY, NY 11101 |
| Owner Country: | United States of America |
| Owner Op: | Applicant/Requestor |
| Sub Type: | P03 |
| Owner Name: | BERNIE ORLAN |
| Owner Company: | NEW YORK CITY DEPT OF EDUCATION |
| Owner Address: | 44-36 VERNON BLVD |
| Owner Addr2: | 3RD FLOOR |
| Owner City,St,Zip: | LONG ISLAND CITY, NY 11101 |
| Owner Country: | United States of America |
| HW Code: | C203030 |
| Waste Type: | NAPHTHALENE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | C203030 |
| Waste Type: | TOLUENE |
| Waste Quantity: | UNKNOWN |
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| HW Code: | C203030 |
| Waste Type: | XYLENE (MIXED) |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
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| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | C203030 |
| Waste Type: | BENZENE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |

### Cross Ref Type Code:
- **Cross Ref Type Code:** Agreement/Consent Order Number
- **Record Added Date:** 1/5/2005 2:43:00 PM
- **Record Updated:** 4/16/2009 2:43:00 PM
- **Updated By:** THKNIZEK
- **Crossref ID:** 2010000265110

### Cross Ref Type Code:
- **Cross Ref Type Code:** County Recording Identifier
- **Record Added Date:** 10/20/2010 2:05:00 PM
- **Record Updated:** 8/10/2010 2:05:00 PM
- **Updated By:** VXBRREVDO
- **Crossref ID:** 203042

### Cross Ref Type Code:
- **Cross Ref Type Code:** HW Site ID
- **Record Added Date:** 18/07/2007 2:41:00 PM
- **Record Updated:** 6/18/2007 2:41:00 PM
- **Updated By:** MDMACCBAB
The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the east, the New York and Harlem Railroad and Cardinal Hayes High School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Site Description:

Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the
FORMER METRO NORTH PROPERTY (Continued)  S110487604

polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40°49'17.7" / 73°55'23.3"
Dell: False
Record Add: 1/5/2005 1:43:00 PM
Record Upd: 4/16/2009 2:43:00 PM
Updated By: THKNIZEK
Owner Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Address: New York City Dept of Education
Owner Addr2: 44-36 Vernon Blvd
Owner City,St,Zip: Long Island CITY, NY 11101
Owner Country: United States of America
Owner Op: Applicant/Requestor
Sub Type: P3
Owner Name: BERNIE ORLAN
Owner Company: NEW YORK CITY DEPT OF EDUCATION
Owner Address: 44-36 VERNON BLVD
Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
FORMER METRO NORTH PROPERTY (Continued)

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1074-05-08

Site Location: The Site encompasses approx. 0.9 acre of
the approx. 7-acre Mott Haven School Campus (MHSC). The Site
is located at 730 Concourse Village West, Block 2443, part of Lot 78 in
Bronx, New York. The portion of the MHSC adjoining the BCP Area
which is located on Block 2443, part of Lot 78 is referred to as the
Non-BCP Area A. The adjacent approx. 7.7-acre property which houses
Primary School No. 156 and Intermediate School No. 151 is located on
Block 2443, Lots 79 and 190. The area beneath the platforms that
support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site
Features: The Site is located in a topographic depression. The
properties to the north and west are approximately 30 feet higher

Site Code: 335960
Control Name: Monitoring Plan
HW Code: C203030
Control Code: 31
Control Type: INST
Dt record added: 08/10/2010
Dt rec updated: 09/26/2012
Updated By: SRHEIGEL
Site Code: 335960
than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west. 

Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.
<table>
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<th>Direction</th>
<th>Site</th>
<th>Elevation</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
<th>MAP FINDINGS</th>
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<td>FORMER METRO NORTH PROPERTY (Continued) S110487604</td>
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</tbody>
</table>

Owner City,ST,Zip: Long Island CITY, NY 11101  
Owner Country: United States of America  
Own Op: Applicant/Requestor  
Sub Type: P03  
Owner Name: BERNIE ORLAN  
Owner Company: NEW YORK CITY DEPT OF EDUCATION  
Owner Address: 44-36 VERNON BLVD  
Owner Add2: 3RD FLOOR  
Owner City,ST,Zip: LONG ISLAND CITY, NY 11101  
Owner Country: United States of America  
HW Code: C203030  
Waste Type: NAPHTHALENE  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: C203030  
Waste Type: TOLUENE  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
HW Code: C203030  
Waste Type: XYLENE (MIXED)  
Waste Quantity: UNKNOWN  
Waste Code: Not reported  
Cross Ref Type: w2-1074-05-08  
Cross Ref Type Code:  
Record Added Date: 16/6/2009 2:42:00 PM  
Record Updated: 16/6/2009 2:42:00 PM  
Updated By: THKNIZEK  
Crossref ID: 2010000265110  
Cross Ref Type: thknizek  
Cross Ref Type Code:  
Cross Ref Type: County Recording Identifier  
Record Added Date: 10/10/2010 2:05:00 PM  
Record Updated: 10/10/2010 2:05:00 PM  
Updated By: VXBREVDO  
Crossref ID: 203042  
Cross Ref Type:  
Cross Ref Type Code:  
Cross Ref Type: HW Site ID  
Record Added Date: 18/6/2007 2:41:00 PM  
Record Updated: 18/6/2007 2:41:00 PM  
Updated By: MDMACCAB  
Crossref ID: 203036  
Cross Ref Type:  
Cross Ref Type Code:  
Cross Ref Type: HW Site ID  
Record Added Date: 30/1/2007 8:59:00 AM  
Record Updated: 30/1/2007 8:59:00 AM  
Updated By: mdmaccab  
Crossref ID: 0551708  
Cross Ref Type:  
Cross Ref Type Code:  
Cross Ref Type: Spill No.
FORMER METRO NORTH PROPERTY (Continued)

Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benz(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

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asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 40:49'17.7 / 73:55'23.3
Disp: False
Record Add: 1/5/2005 1:43:00 PM
Record Upd: 4/16/2009 2:43:00 PM
Updated By: THKNIZEK
Owner Op: Owner
Sub Type: NNN
Owner Name: Bernie Orlan
Owner Company: New York City Dept of Education
Owner Address: 44-36 Vernon Blvd
Owner Addr2: Not reported
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Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
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Owner Addr2: 3RD FLOOR
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1074-05-08
Cross Ref Type Code: Agreement/Consent Order Number
FORMER METRO NORTH PROPERTY  (Continued)

Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns.
School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

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FORMER METRO NORTH PROPERTY (Continued)

Owner Country: United States of America
HW Code: C203030
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1074-05-08
Cross Ref Type Code: Agreement/Consent Order Number
Record Added Date: 1/11/2011 10:54:00 AM
Record Updated: 1/11/2011 10:54:00 AM
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type Code: County Recording Identifier
Record Added Date: 10/31/2007 8:59:00 AM
Record Updated: 10/31/2007 8:59:00 AM
Updated By: VXBREVDO
Crossref ID: 203042
Cross Ref Type Code: HW Site ID
Record Added Date: 11/1/2011 10:54:00 AM
Record Updated: 11/1/2011 10:54:00 AM
Updated By: MCTIBBE
Site Code: 335960
Control Name: Site Management Plan
HW Code: C203030
Control Code: 32
Control Type: INST
Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which is located on Block 2443, part of Lot 78 is referred to as the Non-BCP Area A. The adjacent approx. 7.7-acre property which houses Primary School No. 156 and Intermediate School No. 151 is located on Block 2443, Lots 79 and 190. The area beneath the platforms that support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site Features: The Site is located in a topographic depression. The properties to the north and west are approximately 30 feet higher than the Site. To the north, Primary School No. 156, Intermediate School No. 151, and two apartment buildings are constructed on 30-foot-high concrete columns. The properties to the west are separated from the Site by a 30-foot-high retaining wall. The properties to the south are at approximately the same elevation as the Site. To the east of the Site, the ground again rises to approximately 20 feet above the Site. Current Zoning and Land Use: The current use of the site in the BCP area is a high school. The adjacent properties, besides Primary School No. 156 and Intermediate School No. 151 to the north, include the New York and Harlem Railroad to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings. Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated. Site Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylene (BTEX), napthalene, 2-methylnapthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and napthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

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FORMER METRO NORTH PROPERTY (Continued)

| Landfill:    | False |
| Pond:       | False |
| Disp Start: | Not reported |
| Disp Term:  | Not reported |
| Lat/Long:   | 40:49'17.7 / 73:55'23.3 |
| Dell:       | False |
| Record Add: | 1/5/2005 1:43:00 PM |
| Record Upd: | 4/16/2009 2:43:00 PM |
| Updated By: | THKNIZEK |
| Own Op:     | Owner |
| Sub Type:   | NNN |
| Owner Name: | Bernie Orlan |
| Owner Company: | New York City Dept of Education |
| Owner Address: | 44-36 Vernon Blvd |
| Owner Addr2: | Not reported |
| Owner City,St,Zip: | Long Island CITY, NY 11101 |
| Owner Country: | United States of America |
| Own Op:     | Applicant/Requestor |
| Sub Type:   | P03 |
| Owner Name: | BERNIE ORLAN |
| Owner Company: | NEW YORK CITY DEPT OF EDUCATION |
| Owner Address: | 44-36 VERNON BLVD |
| Owner Addr2: | 3RD FLOOR |
| Owner City,St,Zip: | LONG ISLAND CITY, NY 11101 |
| Owner Country: | United States of America |
| HW Code:    | C203030 |
| Waste Type: | NAPHTHALENE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code:    | C203030 |
| Waste Type: | TOLUENE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code:    | C203030 |
| Waste Type: | XYLENE (MIXED) |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code:    | C203030 |
| Waste Type: | ETHYLBENZENE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code:    | C203030 |
| Waste Type: | BENZENE |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |

Cross Ref Type Code: w2-1074-05-08

Cross Ref Type Code: Agreement/Consent Order Number

Record Added Date: 4/16/2009 2:42:00 PM
Record Updated: 4/16/2009 2:42:00 PM
Updated By: THKNIZEK
Cross Ref ID: 2010000265110

Cross Ref Type Code: County Recording Identifier

Record Added Date: 10/2010 2:05:00 PM
Record Updated: 8/10/2010 2:05:00 PM
Updated By: VXBREVDO

TC5022723.2s  Page 832
The construction of the Mott Haven School Campus was initiated between 1951 and 1977. The Site remained undeveloped until 2007 when the west of the property. All of these buildings were demolished to the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the east, the New York and Harlem Railroad and Cardinal Hayes High School to the south, and apartment buildings, Herk Elevators, parking lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of the Site: The Site had been a railyard since 1891, with a machine shop, paint area, carpenter shop, and electrical warehouse located to the west of the property. All of these buildings were demolished between 1951 and 1977. The Site remained undeveloped until 2007 when construction of the Mott Haven School Campus was initiated.
FORMER METRO NORTH PROPERTY (Continued)

Geology and Hydrogeology: Groundwater flow direction is generally to the west.

Env Problem: Nature and Extent of Contamination: Remedy on the site is now completed, and the project is in Site Management phase. The contaminants of concern in soil were benzene, toluene, ethylbenzene, and xylene (BTEX), naphthalene, 2-methylnaphthalene, and the polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most significant contamination identified in soil and groundwater was confined to the northwestern portion of the Site (BCP area). The contaminants of concern in groundwater were dissolved phase VOC and naphthalene contamination. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. The site is managed under a Site Management Plan.

Health Problem: It is unlikely that people will come in contact with residual soil contamination remaining at depth as the site is covered by buildings, asphalt, concrete and other covered surfaces, i.e., synthetic turf or rubber surfaces. Inhalation of contaminants via soil vapor intrusion has been prevented through the installation of a vapor barrier and continuous operation of an active mitigation system in the new on-site school buildings. Exposure to contaminants in drinking water is not expected since the area is served by public drinking water.
FORMER METRO NORTH PROPERTY (Continued)

HW Code: C203030
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203030
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: w2-1074-05-08
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 1/18/2007
Record Updated: 4/16/2009
Updated By: THKNIZEK
Crossref ID: 2010000265110
Cross Ref Type: County Recording Identifier
Record Added Date: 10/2010
Record Updated: 6/18/2007
Updated By: VXBREVD0
Crossref ID: 203042
Cross Ref Type: HW Site ID
Record Added Date: 1/18/2007
Record Updated: 6/18/2007
Updated By: MDMACCAB
Crossref ID: 203036
Cross Ref Type: HW Site ID
Record Added Date: 3/31/2007
Record Updated: 10/31/2007
Updated By: mdmacab
Crossref ID: 0551708
Cross Ref Type: Spill No.
Record Added Date: 11/2011
Record Updated: 11/2011
Updated By: MCTIBBE

BROWNFIELDS:
Program: BCP
Site Code: 335960
Acres: 0.918
HW Code: C203030
SWIS: 0301
Town: New York City
Record Added Date: 01/05/2005
Record Updated Date: 01/18/2017
Update By: JHOCONNE
Site Description: Site Location: The Site (BCP Area) encompasses approx. 0.9 acre of the approx. 7-acre Mott Haven School Campus (MHSC). The Site is located at 730 Concourse Village West, Block 2443, part of Lot 78 in Bronx, New York. The portion of the MHSC adjoining the BCP Area which
is located on Block 2443, part of Lot 78 is referred to as the
Non-BCP Area A. The adjacent approx. 7.7-acre property which houses
Primary School No. 156 and Intermediate School No. 151 is located on
Block 2443, Lots 79 and 190. The area beneath the platforms that
support PS 156 and IS 151 is referred to as the Non-BCP Area B. Site
Features: The Site is located in a topographic depression. The
properties to the north and west are approximately 30 feet higher
than the Site. To the north, Primary School No. 156, Intermediate
School No. 151, and two apartment buildings are constructed on
30-foot-high concrete columns. The properties to the west are
separated from the Site by a 30-foot-high retaining wall. The
properties to the south are at approximately the same elevation as
the Site. To the east of the Site, the ground again rises to
approximately 20 feet above the Site. Current Zoning and Land Use:
The current use of the site in the BCP area is a high school. The
adjacent properties, besides Primary School No. 156 and Intermediate
School No. 151 to the north, include the New York and Harlem Railroad
to the east, the New York and Harlem Railroad and Cardinal Hayes High
School to the south, and apartment buildings, Herk Elevators, parking
lots, Live Poultry and Nationwide Warehouse to the west. Past Uses of
the Site: The Site had been a railyard since 1891, with a machine
shop, paint area, carpenter shop, and electrical warehouse located to
the west of the property. All of these buildings were demolished
between 1951 and 1977. The Site remained undeveloped until 2007 when
construction of the Mott Haven School Campus was initiated. Site
Geology and Hydrogeology: Groundwater flow direction is generally to
the west.

Env Problem:
Nature and Extent of Contamination: Remedy on the site is now
completed, and the project is in Site Management phase. The
contaminants of concern in soil were benzene, toluene, ethylbenzene,
and xylenes (BTEX), naphthalene, 2-methylnaphthalene, and the
polynuclear aromatic hydrocarbon (PAHs) benzo(a)anthracene. The most
significant contamination identified in soil and groundwater was
confined to the northwestern portion of the Site (BCP area). The
contaminants of concern in groundwater were dissolved phase VOC and
naphthalene contamination. Remedial actions have successfully
achieved soil cleanup objectives for restricted residential use. The
site is managed under a Site Management Plan.

Health Problem:
It is unlikely that people will come in contact with residual soil
contamination remaining at depth as the site is covered by buildings,
asphalt, concrete and other covered surfaces, i.e., synthetic turf or
rubber surfaces. Inhalation of contaminants via soil vapor intrusion
has been prevented through the installation of a vapor barrier and
continuous operation of an active mitigation system in the new on-site
school buildings. Exposure to contaminants in drinking water is not
expected since the area is served by public drinking water.
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Sharif Rahman - I spoke with Doug Harm, (732) 223-2225 and he would send Austin - Project reassigned from Krimgold to Rahman - end 02/27/06

knew what to do - No Contaminated Soil Letter was sent*** 10/26/05 - samples and compare them to TAGM limits and send it in. ***Consultant soil was stockpiled waiting for disposal. They will take end point gal UST. Tank was pulled and approx. 300 cubic yards of contaminated said they are developing a vacant site and they found a buried 550 "7/26/05 - Sangesland spoke to Doug Harm of Brinkerhoff Envir. He said they are developing a vacant site and they found a buried 550 gal UST. Tank was pulled and approx. 300 cubic yards of contaminated soil was stockpiled waiting for disposal. They will take end point samples and compare them to TAGM limits and send it in. ***Consultant knew what to do - No Contaminated Soil Letter was sent*** 10/26/05 - Austin - Project reassigned from Krimgold to Rahman - end 02/27/06
Sharif Rahman- I spoke with Doug Harm,(732)223-2225 and he would send
EXCAVATION (Continued)

DEC the final closure report in 5/6 weeks. 05/08/06 Sharif Rahman- I spoke with Doug again, he would send me the summary of investigation for review first, then the final report. 10/04/06 Rahman- Nine UST were discovered ranging from 275 gallons to 2,000 gallons in size. Tanks showed evidence of discharge. Brinkerhoff excavated and properly disposed approx. 465 tons of petroleum-impacted soil. Analitical results showed elevated levels of PAH compounds that had historically been over the NYS DEC TAGM's soil clean up objectives as a result of historic fill material. Five end point samples were collected. VOCs were non detectable in all samples. Several SVOC PAHs were reported over DEC SCO, but these PAHs are the same PAHs that were identified in the historic fill found throughout the site. Placement of an impermeable cap comprised of concrete is projected to be completed in October 2006."

Remarks:
"LEAK FROM UNDERGROUND STORAGE TANK;"

Material:
Site ID: 349947
Operable Unit ID: 1107535
Operable Unit: 01
Material ID: 2097423
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: 0.0
Resource Affected: Not reported
Oxygenate: Not reported
Tank Test:

SHWS:
Program: HW
Site Code: 437428
Classification: N
Region: 2
Acres: 1.538
HW Code: 203052
Record Add: 07/14/2010
Record Upd: 04/16/2013
Updated By: RJCOZZY
Site Description: Part of Port Morris Zone 1 BOA. DEC #BOA00032 DOS #10BOA002 Site Investigation could not be funded under BOA since property owner would not allow access. No environmental data available for this site. Not reported
Env Problem: Not reported
Health Problem: Not reported
Dump: Not reported
FILM STORAGE WAREHOUSE SITE

NY SHWS
S113917008

NY, NEW YORK, NY 10039

SHWS:
Program: HW
Site Code: 57156
Classification: N
Region: 2
Acres: Not reported
HW Code: 231009
Record Add: 02/06/2003
Record Upd: 06/14/2006
Updated By: DMMOLOUG

Site Description: The former Film Storage Warehouse is approximately 0.25 acres and is located at 203-209 West 146th St. in Manhattan. The property is located on the north site of West 146th St. between Adam Clayton Powell Jr. Boulevard and Fredrick Douglass Boulevard. The site is

261 NW

FILM STORAGE WAREHOUSE SITE
203-209 WEST 146TH STREET
NEW YORK, NY 10039

0.622 mi.
3285 ft.

Relative: Lower
Actual: 23 ft.
FILM STORAGE WAREHOUSE SITE (Continued)  S113917008

bounded on the north and west by residential buildings, and on the
east by commercial buildings with residences on the upper floors. The
former warehouse site has been unoccupied for over 50 years and is
currently vacant. A site investigation was funded by EPA as a
targeted site assessment. A Site Investigation Report was approved in
November 2004. The site did not qualify for addition to the Registry
of Inactive Hazardous Waste Disposal sites.

Env Problem:  Several contaminants were detected in soils including semivolatile
compounds, (primarily polyaromatic hydrocarbons) and several metals.
Most of the soil contamination appears to be related to historic fill
material. The building interior also has debris piles containing
asbestos and lead (from insulation and lead paint, respectively).
Soil vapor beneath the building contains volatile organic compounds
above expected background concentrations.

Health Problem:  Not reported
Dump:  Not reported
Structure:  Not reported
Lagoon:  Not reported
Landfill:  Not reported
Pond:  Not reported
Disp Start:  Not reported
Disp Term:  Not reported
Lat/Long:  Not reported
Dell:  Not reported
Record Add:  Not reported
Record Upd:  Not reported
Updated By:  Not reported
Own Op:  Not reported
Sub Type:  Not reported
Owner Name:  Not reported
Owner Company:  Not reported
Owner Address:  Not reported
Owner Addr2:  Not reported
Owner City,St,Zip:  Not reported
Owner Country:  Not reported
HW Code:  Not reported
Waste Type:  Not reported
Waste Quantity:  Not reported
Waste Code:  Not reported
Crossref ID:  Not reported
Cross Ref Type Code:  Not reported
Cross Ref Type:  Not reported
Record Added Date:  Not reported
Record Updated:  Not reported
Updated By:  Not reported

Manufactured Gas Plants:
No additional information available
Site Description: Location: The site is located in the Melrose section of Bronx County (Borough of The Bronx, New York City). The site is located on the west side of Melrose Avenue between East 156th and East 157th Streets. Site Features: The site is a vacant lot covered with vegetation, and is surrounded with a chain-link fence. The site is bordered to the north by a community garden, to the east by Melrose Avenue, to the south by a 6-story apartment building, and to the west by a school (PS 29). Current Zoning and Land Use: The site is zoned for residential. There are no buildings on the site, and the property is not currently in use. Past Use of the Site: The Department began a Site Characterization in this area during the Fall of 2003 based on results obtained from a petroleum spill investigation at the FDNY Engine 71/Ladder 55 property located at 720 Melrose Avenue, which indicated elevated levels of tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (DCE) in groundwater. Based on the field sampling program (which was conducted in several phases, and was completed in the Spring of 2007), and a review of available historical information, the site was identified as a primary source of the area-wide chlorinated solvent contamination. According to Sanborn fire insurance maps and an interview with a long-time resident, this site was occupied by a dry cleaner during the 1950’s. The maps show that the solvent tanks were located in the rear of the building. Since the time of that former facility’s operation, the site has been abandoned. Site Geology and Hydrogeology: The site is underlain by a fill unit (5'-7' thick), a fine-medium sand unit with some silt (5'-25' thick), and bedrock (11'-28' below grade). Groundwater is approximately 16'-19' below ground surface in the vicinity of the site. In some areas, the groundwater is below the surface of bedrock. Groundwater on-site flows SE towards Melrose Avenue, and then to the south towards the East River (~7,000' south of the site) along a former stream bed.

Nature and Extent of Contamination: Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 6,200 ppb, well above the Part 703.5 class GA standard of 5 ppb. Trichloroethene (up to 500 ppb), and cis-1,2-dichloroethene (up to 3,500 ppb) have also been found in shallow groundwater above their respective Part 703.5 class GA standards (5 ppb each). The plume of PCE-contaminated groundwater has migrated south under a residential area. Soil PCE has been found in on-site soils up to 2.2 ppm, slightly above the soil cleanup objective for unrestricted use (1.3 ppm). Soil Vapor Concentrations of PCE in
soil vapor have been found up to 5,810 ug/m³. Significant Threat: The site poses a significant environmental threat based on the property’s past use as a dry cleaner, which contaminated groundwater beneath the site with PCE at levels several orders of magnitude above standards and a significant threat to public health due to the concentrations of PCE detected in groundwater and soil, in conjunction with the proximity of occupied structures.

Health Problem: The site is fenced, however, site access is still possible and persons who enter the site could potentially contact contaminants in the soil by walking on soil, digging or otherwise disturbing the soil. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a concern for the site in its current condition because there are no on-site buildings. However, the potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site development and occupancy. In addition, vapor sampling indicates soil vapor intrusion is a concern for off-site buildings.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: False
Record Add: 2/21/2001 8:34:00 AM
Record Upd: 8/31/2016 12:02:00 PM
Updated By: DKHARRIN
Own Op: Document Repository
Sub Type: C04
Owner Name: Sadeqwa Atkinson
Owner Company: New York Public Library - Melrose Branch
Owner Address: 910 Morris Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10451
Owner Country: United States of America
Owner Op: Owner
Sub Type: C01
Owner Name: Ms.Vicki Been
Owner Company: NYC Dept. of Housing Preservation & Development
Owner Address: 100 Gold Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10038
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Cedric Loftin
Owner Company: Bronx Community Board 1
FORMER MELROSE AVENUE DRY CLEANER (Continued)  S113916992

| Owner Address: | 3024 Third Avenue |
| Owner Addr2: | Not reported |
| Owner City,St,Zip: | Bronx, NY 10455 |
| Owner Country: | United States of America |
| HW Code: | 203009 |
| Waste Type: | TETRACHLOROETHYLENE (PCE) |
| Waste Quantity: | UNKNOWN |
| Waste Code: | Not reported |
| HW Code: | 203009 |
| Waste Type: | tetrachloroethene (PCE) |
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| Waste Code: | Not reported |
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| Cross Ref Type: | ERP Site ID |
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| Record Updated: | 11/7/2007 4:23:00 PM |
| Updated By: | MOBARRIE |
| Crossref ID: | B00095 |
| Cross Ref Type Code: | 03 |
| Cross Ref Type: | ERP Site ID |
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| Record Updated: | 2/21/2014 10:17:00 AM |
| Updated By: | BRWLOSE |
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To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

**STANDARD ENVIRONMENTAL RECORDS**

**Federal NPL site list**

NPL: National Priority List
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA’s Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

| Date of Government Version: 04/05/2017 | Source: EPA |
| Date Data Arrived at EDR: 04/21/2017 | Telephone: N/A |
| Date Made Active in Reports: 05/12/2017 | Last EDR Contact: 07/07/2017 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 10/16/2017 |

NPL Site Boundaries

Sources:

- EPA’s Environmental Photographic Interpretation Center (EPIC)
  Telephone: 202-564-7333
- EPA Region 1
  Telephone 617-918-1143
- EPA Region 3
  Telephone 215-814-5418
- EPA Region 4
  Telephone 404-562-8033
- EPA Region 5
  Telephone 312-886-6686
- EPA Region 10
  Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites
A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

| Date of Government Version: 04/05/2017 | Source: EPA |
| Date Data Arrived at EDR: 04/21/2017 | Telephone: N/A |
| Date Made Active in Reports: 05/12/2017 | Last EDR Contact: 07/07/2017 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 10/16/2017 |

**NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

| Date of Government Version: 10/15/1991 | Source: EPA |
| Date Data Arrived at EDR: 02/02/1994 | Telephone: 202-564-4267 |
| Date Made Active in Reports: 03/30/1994 | Last EDR Contact: 08/15/2011 |
| Number of Days to Update: 56 | Next Scheduled EDR Contact: 11/28/2011 |

| Data Release Frequency: No Update Planned |
Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/05/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 07/07/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/07/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System
SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA’s Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/07/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/21/2017
Next Scheduled EDR Contact: 10/30/2017
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive
SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA’s knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA’s comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Federal RCRA generators list

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

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/11/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

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

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/11/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 93
Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/10/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies
Federal ERNS list

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43
Source: National Response Center, United States Coast Guard

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State
Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites.

Date of Government Version: 05/16/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 84
Source: Department of Environmental Conservation

VAPOR REOPENED: Vapor Intrusion Legacy Site List
New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 06/01/2016
Date Data Arrived at EDR: 08/19/2016
Date Made Active in Reports: 01/05/2017
Number of Days to Update: 139
Source: Department of Environmental Conservation

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

SWF/LF: Facility Register
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 34
Source: Department of Environmental Conservation

State and tribal leaking storage tank lists

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 8

<table>
<thead>
<tr>
<th>LUST Number</th>
<th>Title</th>
<th>Locations</th>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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<tbody>
<tr>
<td>R5</td>
<td>Leaking Underground Storage Tanks on Indian Land</td>
<td>Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.</td>
<td>11/14/2016</td>
<td>01/26/2017</td>
<td>05/05/2017</td>
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<td>EPA, Region 5</td>
<td>312-886-7439</td>
<td>07/27/2017</td>
<td>11/08/2017</td>
<td>Varies</td>
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<td>R10</td>
<td>Leaking Underground Storage Tanks on Indian Land</td>
<td>LUSTs on Indian Land in Alaska, Idaho, Oregon and Washington.</td>
<td>10/07/2016</td>
<td>01/26/2017</td>
<td>05/05/2017</td>
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<td>EPA Region 10</td>
<td>206-553-2857</td>
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<td>11/08/2017</td>
<td>Varies</td>
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<td>R9</td>
<td>Leaking Underground Storage Tanks on Indian Land</td>
<td>LUSTs on Indian Land in Arizona, California, New Mexico and Nevada</td>
<td>10/06/2016</td>
<td>01/26/2017</td>
<td>05/05/2017</td>
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<td>Environmental Protection Agency</td>
<td>415-972-3372</td>
<td>07/27/2017</td>
<td>11/08/2017</td>
<td>Quarterly</td>
</tr>
<tr>
<td>R7</td>
<td>Leaking Underground Storage Tanks on Indian Land</td>
<td>LUSTs on Indian Land in Iowa, Kansas, and Nebraska</td>
<td>09/01/2016</td>
<td>01/26/2017</td>
<td>05/05/2017</td>
<td>99</td>
<td>EPA Region 7</td>
<td>913-551-7003</td>
<td>07/27/2017</td>
<td>11/08/2017</td>
<td>Quarterly</td>
</tr>
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<td>R1</td>
<td>Leaking Underground Storage Tanks on Indian Land</td>
<td>A listing of leaking underground storage tank locations on Indian Land.</td>
<td>11/14/2016</td>
<td>01/26/2017</td>
<td>05/05/2017</td>
<td>99</td>
<td>EPA Region 1</td>
<td>617-918-1313</td>
<td>07/27/2017</td>
<td>11/08/2017</td>
<td>Varies</td>
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<td>R4</td>
<td>Leaking Underground Storage Tanks on Indian Land</td>
<td>LUSTs on Indian Land in Florida, Mississippi and North Carolina.</td>
<td>10/14/2016</td>
<td>01/27/2017</td>
<td>05/05/2017</td>
<td>98</td>
<td>EPA Region 4</td>
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<td>Varies</td>
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<td>R6</td>
<td>Leaking Underground Storage Tanks on Indian Land</td>
<td>LUSTs on Indian Land in New Mexico and Oklahoma.</td>
<td>10/01/2016</td>
<td>01/26/2017</td>
<td>05/05/2017</td>
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<td>EPA Region 6</td>
<td>214-665-6597</td>
<td>07/27/2017</td>
<td>11/08/2017</td>
<td>Varies</td>
</tr>
</tbody>
</table>
LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 05/16/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 93
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks
A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Last EDR Contact: 07/14/2017
Next Scheduled EDR Contact: 10/23/2017
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned
CBS: Chemical Bulk Storage Site Listing
These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30
Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Semi-Annually
## INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

- **Date of Government Version:** 09/01/2016
- **Date Data Arrived at EDR:** 01/26/2017
- **Date Made Active in Reports:** 05/05/2017
- **Number of Days to Update:** 99
- **Source:** EPA Region 7
- **Telephone:** 913-551-7003
- **Last EDR Contact:** 07/27/2017
- **Next Scheduled EDR Contact:** 11/08/2017
- **Data Release Frequency:** Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

- **Date of Government Version:** 10/06/2016
- **Date Data Arrived at EDR:** 01/26/2017
- **Date Made Active in Reports:** 05/05/2017
- **Number of Days to Update:** 99
- **Source:** EPA Region 9
- **Telephone:** 415-972-3368
- **Last EDR Contact:** 07/27/2017
- **Next Scheduled EDR Contact:** 11/08/2017
- **Data Release Frequency:** Quarterly

## INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

- **Date of Government Version:** 10/14/2016
- **Date Data Arrived at EDR:** 01/27/2017
- **Date Made Active in Reports:** 05/05/2017
- **Number of Days to Update:** 98
- **Source:** EPA Region 4
- **Telephone:** 404-562-9424
- **Last EDR Contact:** 07/28/2017
- **Next Scheduled EDR Contact:** 11/08/2017
- **Data Release Frequency:** Semi-Annually

## INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

- **Date of Government Version:** 11/14/2016
- **Date Data Arrived at EDR:** 01/26/2017
- **Date Made Active in Reports:** 05/05/2017
- **Number of Days to Update:** 99
- **Source:** EPA, Region 1
- **Telephone:** 617-918-1313
- **Last EDR Contact:** 07/27/2017
- **Next Scheduled EDR Contact:** 11/08/2017
- **Data Release Frequency:** Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

- **Date of Government Version:** 01/14/2017
- **Date Data Arrived at EDR:** 01/26/2017
- **Date Made Active in Reports:** 05/05/2017
- **Number of Days to Update:** 99
- **Source:** EPA Region 5
- **Telephone:** 312-886-6136
- **Last EDR Contact:** 07/27/2017
- **Next Scheduled EDR Contact:** 11/08/2017
- **Data Release Frequency:** Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

- **Date of Government Version:** 10/07/2016
- **Date Data Arrived at EDR:** 01/26/2017
- **Date Made Active in Reports:** 05/05/2017
- **Number of Days to Update:** 99
- **Source:** EPA Region 10
- **Telephone:** 206-553-2857
- **Last EDR Contact:** 07/27/2017
- **Next Scheduled EDR Contact:** 11/08/2017
- **Data Release Frequency:** Quarterly
INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/17/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/27/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Quarterly

TANKS: Storage Tank Facility Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 06/30/2014
Date Made Active in Reports: 07/21/2014
Number of Days to Update: 21

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/23/2017
Next Scheduled EDR Contact: 10/02/2017
Data Release Frequency: Varies

ENV RES DECL: Environmental Restrictive Declarations
The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk’s office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 54

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 06/20/2017
Next Scheduled EDR Contact: 10/02/2017
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/16/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/18/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.
State and tribal voluntary cleanup sites

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

INDIAN VCP R7: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.
ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 05/16/2017
Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/18/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/02/2017
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2017
Next Scheduled EDR Contact: 10/02/2017
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 01/04/2017
Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 06/29/2017
Next Scheduled EDR Contact: 10/16/2017
Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 06/12/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/01/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies
ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/24/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/10/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
Data Release Frequency: No Update Planned

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

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/16/2016
Date Made Active in Reports: 01/04/2017
Number of Days to Update: 49
Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/18/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Annually

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Quarterly
Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 12/29/2016
Date Data Arrived at EDR: 12/30/2016
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 45
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/26/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRIS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRIS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 37
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/28/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Annually

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.
### HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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<td>01/01/2002</td>
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<td>12/14/2012</td>
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<td>N/A</td>
<td>No Update Planned</td>
</tr>
</tbody>
</table>

### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
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<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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<td>No Update Planned</td>
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</tbody>
</table>

### SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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<td>N/A</td>
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</table>

### Other Ascertainable Records

#### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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<tr>
<td>12/12/2016</td>
<td>Environmental Protection Agency</td>
<td>(212) 637-3660</td>
<td>08/11/2017</td>
<td>10/09/2017</td>
<td>Varies</td>
</tr>
</tbody>
</table>

#### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.
DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

FEDLAND: Federal and Indian Lands

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.
2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

ROD: Record Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.
When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g. the fire department) should an accident occur.
FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Quarterly

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

Source: Department of Energy
Telephone: 202-586-8719

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

Source: Environmental Protection Agency
Telephone: N/A

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Varies

Source: Environmental Protection Agency
Telephone: 202-566-0517

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.
### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
</table>

### HIST FTTS INSPI: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

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<th>Date Made Active in Reports</th>
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<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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</table>

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
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<td>202-366-4595</td>
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<td>11/13/2017</td>
<td>Varies</td>
</tr>
</tbody>
</table>

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
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<td>09/30/2016</td>
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<td>02/03/2017</td>
<td>77</td>
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<td>Varies</td>
<td>06/21/2017</td>
<td>10/09/2017</td>
<td>Varies</td>
</tr>
</tbody>
</table>

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
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<td>12/31/2013</td>
<td>02/24/2015</td>
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<td>05/26/2017</td>
<td>09/04/2017</td>
<td>Biennially</td>
</tr>
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</table>
INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546
Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 07/11/2017  
Next Scheduled EDR Contact: 10/23/2017  
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program
DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016  
Date Data Arrived at EDR: 12/27/2016  
Date Made Active in Reports: 02/17/2017  
Number of Days to Update: 52
Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 08/03/2017  
Next Scheduled EDR Contact: 11/20/2017  
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146
Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 05/22/2017  
Next Scheduled EDR Contact: 09/04/2017  
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 36
Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 07/07/2017  
Next Scheduled EDR Contact: 10/16/2017  
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36
Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.
<table>
<thead>
<tr>
<th>Database</th>
<th>Description</th>
<th>Source</th>
<th>Telephone</th>
<th>Last EDR Contact</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>US MINES: Mines Master Index File</td>
<td>Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.</td>
<td>Department of Labor, Mine Safety and Health Administration</td>
<td>303-231-5959</td>
<td>05/31/2017</td>
<td>09/11/2017</td>
<td>Semi-Annually</td>
</tr>
<tr>
<td>US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing</td>
<td>This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.</td>
<td>USGS</td>
<td>703-648-7709</td>
<td>05/31/2017</td>
<td>09/11/2017</td>
<td>Varies</td>
</tr>
<tr>
<td>US MINES 3: Active Mines &amp; Mineral Plants Database Listing</td>
<td>Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.</td>
<td>USGS</td>
<td>703-648-7709</td>
<td>06/02/2017</td>
<td>09/11/2017</td>
<td>Varies</td>
</tr>
<tr>
<td>ABANDONED MINES: Abandoned Mines</td>
<td>An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.</td>
<td>Department of Interior</td>
<td>202-208-2609</td>
<td>06/09/2017</td>
<td>09/25/2017</td>
<td>Quarterly</td>
</tr>
</tbody>
</table>
FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more
detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric
Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial
enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal
Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities
Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/04/2017  Source: EPA
Date Data Arrived at EDR: 04/07/2017  Telephone: (212) 637-3000
Date Made Active in Reports: 05/12/2017  Last EDR Contact: 06/07/2017
Number of Days to Update: 35  Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016  Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016  Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016  Last EDR Contact: 05/24/2017
Number of Days to Update: 91  Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordinance site locations

Date of Government Version: 10/25/2015  Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016  Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016  Last EDR Contact: 07/17/2017
Number of Days to Update: 67  Next Scheduled EDR Contact: 10/30/2017
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/19/2017  Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2017  Telephone: 202-564-2280
Date Made Active in Reports: 05/12/2017  Last EDR Contact: 06/07/2017
Number of Days to Update: 52  Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels
Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2017  Source: EPA
Date Data Arrived at EDR: 02/22/2017  Telephone: 800-385-6164
Date Made Active in Reports: 05/12/2017  Last EDR Contact: 05/24/2017
Number of Days to Update: 79  Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

AIRS: Air Emissions Data
Point source emissions inventory data.

Date of Government Version: 11/09/2016  Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/18/2016  Telephone: 518-402-8452
Date Made Active in Reports: 01/04/2017  Last EDR Contact: 07/24/2017
Number of Days to Update: 47  Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Annually
COAL ASH:  Coal Ash Disposal Site Listing  
A listing of coal ash disposal site locations.  
Date of Government Version: 01/04/2017  
Date Data Arrived at EDR: 01/10/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 31  
Source:  Department of Environmental Conservation  
Telephone:  518-402-8660  
Last EDR Contact: 06/29/2017  
Next Scheduled EDR Contact: 10/16/2017  
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaners  
A listing of all registered drycleaning facilities.  
Date of Government Version: 10/27/2016  
Date Data Arrived at EDR: 01/10/2017  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 31  
Source:  Department of Environmental Conservation  
Telephone:  518-402-8403  
Last EDR Contact: 06/12/2017  
Next Scheduled EDR Contact: 09/25/2047  
Data Release Frequency: Varies

E DESIGNATION:  E DESIGNATION SITE LISTING  
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDMP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDMP.  
Date of Government Version: 11/08/2016  
Date Data Arrived at EDR: 12/27/2016  
Date Made Active in Reports: 02/13/2017  
Number of Days to Update: 48  
Source:  New York City Department of City Planning  
Telephone:  718-595-6658  
Last EDR Contact: 06/20/2017  
Next Scheduled EDR Contact: 10/02/2017  
Data Release Frequency: Varies

Financial Assurance 1:  Financial Assurance Information Listing  
Financial assurance information.  
Date of Government Version: 01/03/2017  
Date Data Arrived at EDR: 01/04/2017  
Date Made Active in Reports: 02/13/2017  
Number of Days to Update: 40  
Source:  Department of Environmental Conservation  
Telephone:  518-402-8660  
Last EDR Contact: 06/29/2017  
Next Scheduled EDR Contact: 10/16/2017  
Data Release Frequency: Quarterly

Financial Assurance 2:  Financial Assurance Information Listing  
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.  
Date of Government Version: 12/01/2015  
Date Data Arrived at EDR: 12/29/2015  
Date Made Active in Reports: 02/11/2016  
Number of Days to Update: 44  
Source:  Department of Environmental Conservation  
Telephone:  518-402-8712  
Last EDR Contact: 06/12/2017  
Next Scheduled EDR Contact: 09/12/2017  
Data Release Frequency: Varies

HSWDS:  Hazardous Substance Waste Disposal Site Inventory  
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.
**NY MANIFEST: Facility and Manifest Data**

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/30/2017</td>
<td>Department of Environmental Conservation</td>
<td>518-402-9564</td>
</tr>
<tr>
<td>02/01/2017</td>
<td></td>
<td>518-402-8651</td>
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<tr>
<td>02/13/2017</td>
<td></td>
<td>518-402-8233</td>
</tr>
<tr>
<td>02/22/2017</td>
<td></td>
<td>518-402-8056</td>
</tr>
<tr>
<td>02/13/2017</td>
<td></td>
<td>518-402-8056</td>
</tr>
</tbody>
</table>

**SPDES: State Pollutant Discharge Elimination System**

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
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<tbody>
<tr>
<td>01/30/2017</td>
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<td>518-402-8651</td>
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<tr>
<td>02/13/2017</td>
<td></td>
<td>518-402-8233</td>
</tr>
<tr>
<td>02/22/2017</td>
<td></td>
<td>518-402-8056</td>
</tr>
<tr>
<td>02/13/2017</td>
<td></td>
<td>518-402-8056</td>
</tr>
</tbody>
</table>

**UIC: Underground Injection Control Wells**

A listing of enhanced oil recovery underground injection wells.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
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<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/05/2016</td>
<td>Department of Environmental Conservation</td>
<td>518-402-9564</td>
</tr>
<tr>
<td>12/08/2016</td>
<td></td>
<td>518-402-8651</td>
</tr>
<tr>
<td>02/13/2017</td>
<td></td>
<td>518-402-8233</td>
</tr>
<tr>
<td>02/13/2017</td>
<td></td>
<td>518-402-8056</td>
</tr>
</tbody>
</table>

**EDR HIGH RISK HISTORICAL RECORDS**

**EDR Exclusive Records**

**EDR MGP: EDR Proprietary Manufactured Gas Plants**

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

<table>
<thead>
<tr>
<th>Date of Government Version</th>
<th>Source</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>EDR, Inc.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**EDR Hist Auto: EDR Exclusive Historic Gas Stations**

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR’s review was limited to those categories of sources that might, in EDR’s opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR’s HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.
EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential
dry cleaner sites that were available to EDR researchers. EDR’s review was limited to those categories of sources
that might, in EDR’s opinion, include dry cleaning establishments. The categories reviewed included, but were
not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls
within a category of information EDR classifies as “High Risk Historical Records”, or HRHR. EDR’s HRHR effort
presents unique and sometimes proprietary data about past sites and operations that typically create environmental
corns, but may not show up in current government records searches.

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived
from historical databases and includes many records that no longer appear in current government lists. Compiled
from Records formerly available from the Department of Environmental Conservation in New York.

CORTLAND COUNTY:

Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

COUNTY RECORDS

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases
and includes many records that no longer appear in current government lists. Compiled from Records formerly available
from the Department of Environmental Conservation in New York.

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.
Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 11/25/2016  Source: Cortland County Health Department
Date Data Arrived at EDR: 12/02/2016  Telephone: 607-753-5035
Date Made Active in Reports: 02/10/2017  Last EDR Contact: 07/31/2017
Number of Days to Update: 70  Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017  Source: Nassau County Health Department
Date Data Arrived at EDR: 01/11/2017  Telephone: 516-571-3314
Date Made Active in Reports: 02/15/2017  Last EDR Contact: 07/31/2017
Number of Days to Update: 35  Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011  Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011  Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011  Last EDR Contact: 07/31/2017
Number of Days to Update: 34  Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017  Source: Nassau County Department of Health
Date Data Arrived at EDR: 01/11/2017  Telephone: 516-227-9691
Date Made Active in Reports: 02/15/2017  Last EDR Contact: 07/31/2017
Number of Days to Update: 35  Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017  Source: Nassau County Health Department
Date Data Arrived at EDR: 01/11/2017  Telephone: 516-571-3314
Date Made Active in Reports: 02/15/2017  Last EDR Contact: 07/31/2017
Number of Days to Update: 35  Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011  Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011  Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011  Last EDR Contact: 07/31/2017
Number of Days to Update: 34  Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

ROCKLAND COUNTY:
Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.
Date of Government Version: 12/20/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 51
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.
Date of Government Version: 12/20/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 51
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

SUFFOLK COUNTY:
Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.
Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/31/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.
Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/31/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:
Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.
Date of Government Version: 01/13/2017
Date Data Arrived at EDR: 01/20/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 26
Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/31/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.
Date of Government Version: 01/13/2017
Date Data Arrived at EDR: 01/20/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 26
Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/31/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies
Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**CT MANIFEST:** Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

- Date of Government Version: 07/30/2013
- Date Data Arrived at EDR: 08/19/2013
- Date Made Active in Reports: 10/03/2013
- Number of Days to Update: 45
- Source: Department of Energy & Environmental Protection
- Telephone: 860-424-3375
- Last EDR Contact: 05/15/2017
- Next Scheduled EDR Contact: 08/28/2017
- Data Release Frequency: No Update Planned

**NJ MANIFEST:** Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2016
- Date Data Arrived at EDR: 04/11/2017
- Date Made Active in Reports: 07/27/2017
- Number of Days to Update: 107
- Source: Department of Environmental Protection
- Telephone: N/A
- Last EDR Contact: 07/10/2017
- Next Scheduled EDR Contact: 10/23/2017
- Data Release Frequency: Annually

**PA MANIFEST:** Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2015
- Date Data Arrived at EDR: 07/22/2016
- Date Made Active in Reports: 11/22/2016
- Number of Days to Update: 123
- Source: Department of Environmental Protection
- Telephone: 717-783-8990
- Last EDR Contact: 07/17/2017
- Next Scheduled EDR Contact: 10/30/2017
- Data Release Frequency: Annually

**RI MANIFEST:** Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2013
- Date Data Arrived at EDR: 06/19/2015
- Date Made Active in Reports: 07/15/2015
- Number of Days to Update: 26
- Source: Department of Environmental Management
- Telephone: 401-222-2797
- Last EDR Contact: 05/22/2017
- Next Scheduled EDR Contact: 09/04/2017
- Data Release Frequency: Annually

**VT MANIFEST:** Hazardous Waste Manifest Data
Hazardous waste manifest information.

- Date of Government Version: 11/07/2016
- Date Data Arrived at EDR: 11/18/2016
- Date Made Active in Reports: 01/06/2017
- Number of Days to Update: 49
- Source: Department of Environmental Conservation
- Telephone: 802-241-3443
- Last EDR Contact: 07/17/2017
- Next Scheduled EDR Contact: 10/30/2017
- Data Release Frequency: Annually

**WI MANIFEST:** Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2016
- Date Data Arrived at EDR: 04/13/2017
- Date Made Active in Reports: 07/14/2017
- Number of Days to Update: 92
- Source: Department of Natural Resources
- Telephone: N/A
- Last EDR Contact: 06/12/2017
- Next Scheduled EDR Contact: 09/25/2017
- Data Release Frequency: Annually
Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association’s annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics’ primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961
EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.
GROUNDWATER FLOW DIRECTION INFORMATION
Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY
General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES

Source: Topography has been determined from the USGS 7.5’ Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.
HYDROLOGIC INFORMATION
Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<table>
<thead>
<tr>
<th>Flood Plain Panel at Target Property</th>
<th>FEMA Source Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>3604970083F</td>
<td>FEMA FIRM Flood data</td>
</tr>
</tbody>
</table>

Additional Panels in search area:

<table>
<thead>
<tr>
<th>FEMA Source Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>3604970079F</td>
</tr>
<tr>
<td>3604970087F</td>
</tr>
<tr>
<td>3604970091F</td>
</tr>
</tbody>
</table>

NATIONAL WETLAND INVENTORY

<table>
<thead>
<tr>
<th>Data Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>NWI Electronic</td>
</tr>
</tbody>
</table>

HYDROGEOLOGIC INFORMATION
Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:
Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.
EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION</th>
<th>GENERAL DIRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Reported</td>
<td>FROM TP</td>
<td>GROUNDWATER FLOW</td>
</tr>
</tbody>
</table>

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) investigation.
GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION
Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY
Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

<table>
<thead>
<tr>
<th>Era:</th>
<th>Paleozoic</th>
</tr>
</thead>
<tbody>
<tr>
<td>System:</td>
<td>Ordovician</td>
</tr>
<tr>
<td>Series:</td>
<td>Lower Ordovician and Cambrian carbonate rocks</td>
</tr>
<tr>
<td>Code:</td>
<td>OC (decoded above as Era, System &amp; Series)</td>
</tr>
</tbody>
</table>


DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture’s (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

<table>
<thead>
<tr>
<th>Soil Component Name:</th>
<th>URBAN LAND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil Surface Texture:</td>
<td>variable</td>
</tr>
<tr>
<td>Hydrologic Group:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Soil Drainage Class:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Hydric Status: Soil does not meet the requirements for a hydric soil.</td>
<td></td>
</tr>
<tr>
<td>Corrosion Potential - Uncoated Steel:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Depth to Bedrock Min:</td>
<td>&gt; 10 inches</td>
</tr>
<tr>
<td>Depth to Bedrock Max:</td>
<td>&gt; 10 inches</td>
</tr>
</tbody>
</table>
Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Classification</th>
<th>AASHTO Group</th>
<th>Unified Soil</th>
<th>Permeability Rate (in/hr)</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 inches</td>
<td>6 inches</td>
<td>variable</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Max: 0.00 Min: 0.00</td>
</tr>
</tbody>
</table>

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
</tr>
</tbody>
</table>

FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
</table>
### Federal USGS Well Information

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>USGS40000833622</td>
<td>1/4 - 1/2 Mile SSE</td>
</tr>
<tr>
<td>2</td>
<td>USGS40000833473</td>
<td>1/2 - 1 Mile South</td>
</tr>
<tr>
<td>3</td>
<td>USGS40000833387</td>
<td>1/2 - 1 Mile South</td>
</tr>
<tr>
<td>4</td>
<td>USGS40000833656</td>
<td>1/2 - 1 Mile East</td>
</tr>
<tr>
<td>5</td>
<td>USGS40000833928</td>
<td>1/2 - 1 Mile NNE</td>
</tr>
<tr>
<td>6</td>
<td>USGS40000833375</td>
<td>1/2 - 1 Mile SSW</td>
</tr>
<tr>
<td>7</td>
<td>USGS40000833768</td>
<td>1/2 - 1 Mile WNW</td>
</tr>
<tr>
<td>A8</td>
<td>USGS40000833669</td>
<td>1/2 - 1 Mile East</td>
</tr>
<tr>
<td>A9</td>
<td>USGS40000833668</td>
<td>1/2 - 1 Mile East</td>
</tr>
<tr>
<td>10</td>
<td>USGS40000833622</td>
<td>1/2 - 1 Mile East</td>
</tr>
<tr>
<td>11</td>
<td>USGS40000833342</td>
<td>1/2 - 1 Mile SSW</td>
</tr>
</tbody>
</table>

### Federal FRDS Public Water Supply System Information

No PWS System Found

Note: PWS System location is not always the same as well location.

### State Database Well Information

No Wells Found
## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Database</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SSE</td>
<td>1/4 - 1/2 Mile</td>
<td>Lower</td>
<td>FED USGS</td>
<td>USGS40000833522</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monloc name:</td>
<td>B 49</td>
<td>Monloc type:</td>
<td>Well</td>
<td>Monloc desc:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Huc code:</td>
<td>Not Reported</td>
<td>Drainagearea Units:</td>
<td>Not Reported</td>
<td>Contrib drainagearea:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Contrib drainagearea units:</td>
<td>Not Reported</td>
<td>Longitude:</td>
<td>-73.9279149</td>
<td>Source map scale:</td>
<td>24000</td>
</tr>
<tr>
<td>Horiz Acc measure:</td>
<td>3</td>
<td>Horiz Acc measure units:</td>
<td>seconds</td>
<td>Horiz Collection method:</td>
<td>Interpolated from map</td>
</tr>
<tr>
<td>Horiz coord refsys:</td>
<td>NAD83</td>
<td>Vert measure units:</td>
<td>feet</td>
<td>Vert measure val:</td>
<td>15</td>
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<tr>
<td>Vert acc measure units:</td>
<td>feet</td>
<td>Vert acc measure val:</td>
<td>10</td>
<td>Vert collection method:</td>
<td>Interpolated from topographic map</td>
</tr>
<tr>
<td>Vert coord refsys:</td>
<td>NGVD29</td>
<td>Countrycode:</td>
<td>US</td>
<td>Aquifername:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Formation type:</td>
<td>Not Reported</td>
<td>Aquifer type:</td>
<td>Not Reported</td>
<td>Construction date:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Welldepth units:</td>
<td>ft</td>
<td>Welldepth:</td>
<td>225</td>
<td>Wellholedepth units:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Wellholedepth:</td>
<td>Not Reported</td>
<td>Ground-water levels, Number of Measurements:</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 2       | South    | 1/2 - 1 Mile | Lower   | FED USGS | USGS40000833473 |
|         |          |            |         |          |               |
| Monloc name: | B 65 | Monloc type: | Well | Monloc desc: | Not Reported |
| Huc code: | Not Reported | Drainagearea Units: | Not Reported | Contrib drainagearea: | Not Reported |
| Contrib drainagearea units: | Not Reported | Longitude: | -73.930415 | Source map scale: | 24000 |
| Horiz Acc measure: | 3 | Horiz Acc measure units: | seconds | Horiz Collection method: | Interpolated from map |
| Horiz coord refsys: | NAD83 | Vert measure units: | feet | Vert measure val: | 5 |
| Vert acc measure units: | feet | Vert acc measure val: | 2 | Vert collection method: | Interpolated from topographic map |
| Vert coord refsys: | NGVD29 | Countrycode: | US | Aquifername: | Not Reported |
| Formation type: | Not Reported | Ground-water levels, Number of Measurements: | 0 |
| Location | Org. Identifier | Formal name | Monloc Identifier | Monloc name | Monloc type | Monloc desc | Huc code | Drainagearea Units | Contrib drainagearea units | Longitude | Contrib drainagearea value | Wellholedepth units | Welldepth units | Construction date | Aquifer type | Formation type | Aquifer name | Welldepth | Wellholedepth | Ground-water levels, Number of Measurements |
|----------|----------------|-------------|------------------|-------------|-------------|-------------|----------|-------------------|---------------------------|-----------|----------------------|---------------------|----------------|----------------|--------------|-------------|-----------|-----------------|---------------------------------|
| 3 South  | USGS-NY        | USGS New York Water Science Center | USGS-404826073554701 | B 6         | Well        | Not Reported | Not Reported | Not Reported | Not Reported | -73.9293038       | 40.8073231 | Not Reported | Not Reported | Not Reported | Not Reported     | Sand and gravel aquifers (glaciated regions) | Sand         | Not Reported | Not Reported | 1951-10-22     | 0                |
| 4 East   | USGS-NY        | USGS New York Water Science Center | USGS-404901073550101 | B 54        | Well        | Not Reported | Not Reported | Not Reported | Not Reported | -73.9165257       | 40.8170452 | Not Reported | Not Reported | Not Reported | Not Reported     | Not Reported | Not Reported | Not Reported | Not Reported | 0                |
### Ground-water levels, Number of Measurements: 1

<table>
<thead>
<tr>
<th>Ground-water levels</th>
<th>Feet below Surface</th>
<th>Feet to Sealevel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>1950-02</td>
<td>28</td>
</tr>
</tbody>
</table>

---

### Ground-water levels, Number of Measurements: 0

---

### Ground-water levels, Number of Measurements: 1

<table>
<thead>
<tr>
<th>Ground-water levels</th>
<th>Feet below Surface</th>
<th>Feet to Sealevel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>1950-02</td>
<td>28</td>
</tr>
</tbody>
</table>
Ground-water levels, Number of Measurements: 0
GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  Direction  Distance  Elevation
A8      East       1/2 - 1 Mile  Lower

Org. Identifier: USGS-NY
Formal name: USGS New York Water Science Center
Monloc Identifier: USGS-404902073545301
Monloc name: B 3
Monloc type: Well
Monloc desc: Not Reported
Huc code: Not Reported
Drainagearea Units: Not Reported
Drainagearea value: Not Reported
Contribution drainagearea units: Not Reported
Contribution drainagearea value: Not Reported
Longitude: -73.9143034
Source Map scale: 24000
Horiz Acc measure: 3
Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from topographic map
Horiz coord refsys: NAD83
Vert measure units: feet
Vert measure val: 15
Vert accmeasure units: feet
Vert collection method: Interpolated from topographic map
Vert coord refsys: NGVD29
Countrycode: US
Aquifername: Not Reported
Formation type: Not Reported
Aquifer type: Not Reported
Construction date: Not Reported
Welldepth units: ft
Welldepth: 55
Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

A9
East
1/2 - 1 Mile
Lower

Org. Identifier: USGS-NY
Formal name: USGS New York Water Science Center
Monloc Identifier: USGS-404902073545001
Monloc name: B 75.1
Monloc type: Well
Monloc desc: East s/o Brook Ave., 376 ft n/o Westchester Ave.
Huc code: 02030102
Drainagearea value: Not Reported
Contribution drainagearea units: Not Reported
Contribution drainagearea value: Not Reported
Longitude: -73.9135284
Source Map scale: 24000
Horiz Acc measure: .01
Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from Digital Map
Horiz coord refsys: NAD88
Vert measure units: feet
Vert measure val: 18
Vert accmeasure units: feet
Vert collection method: Level or other surveying method
Vert coord refsys: NAVD88
Countrycode: US
Aquifername: Sand and gravel aquifers (glaciated regions)
Formation type: Sand and Gravel
### SandFormation type:
Sand and gravel aquifers (glaciated regions)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquifer type</td>
<td>Unconfined single aquifer</td>
</tr>
<tr>
<td>Construction date</td>
<td>20060810</td>
</tr>
<tr>
<td>Welldepth</td>
<td>25 ft</td>
</tr>
<tr>
<td>Ground-water levels, Number of Measurements:</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10 East 1/2 - 1 Mile Lower</th>
<th>FED USGS USGS40000833622</th>
</tr>
</thead>
<tbody>
<tr>
<td>Org. Identifier</td>
<td>USGS-NY</td>
</tr>
<tr>
<td>Formal name</td>
<td>USGS New York Water Science Center</td>
</tr>
<tr>
<td>Monloc Identifier</td>
<td>USGS-404857073544901</td>
</tr>
<tr>
<td>Monloc name</td>
<td>B 12</td>
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<tr>
<td>Monloc type</td>
<td>Well</td>
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<tr>
<td>Huc code</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Drainagearea Units</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Contrib drainagearea Units</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Longitude</td>
<td>-73.9131922</td>
</tr>
<tr>
<td>Horiz Acc measure</td>
<td>3</td>
</tr>
<tr>
<td>Horiz Collection method</td>
<td>Interpolated from map</td>
</tr>
<tr>
<td>Horiz coord refsys</td>
<td>NAD83</td>
</tr>
<tr>
<td>Vert measure units</td>
<td>feet</td>
</tr>
<tr>
<td>Vert accmeasure units</td>
<td>feet</td>
</tr>
<tr>
<td>Vertcoord refsys</td>
<td>NGVD29</td>
</tr>
<tr>
<td>Aquifer name</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Formations type</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Aquifer type</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Construction date</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Welldepth</td>
<td>25 ft</td>
</tr>
<tr>
<td>Ground-water levels, Number of Measurements:</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11 SSW 1/2 - 1 Mile Lower</th>
<th>FED USGS USGS40000833342</th>
</tr>
</thead>
<tbody>
<tr>
<td>Org. Identifier</td>
<td>USGS-NY</td>
</tr>
<tr>
<td>Formal name</td>
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<tr>
<td>Monloc Identifier</td>
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<tr>
<td>Monloc name</td>
<td>NY 82</td>
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<tr>
<td>Monloc type</td>
<td>Well</td>
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<tr>
<td>Huc code</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Drainagearea Units</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Contrib drainagearea Units</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Longitude</td>
<td>-73.9356929</td>
</tr>
<tr>
<td>Horiz Acc measure</td>
<td>3</td>
</tr>
<tr>
<td>Horiz Collection method</td>
<td>Interpolated from map</td>
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<tr>
<td>Horiz coord refsys</td>
<td>NAD83</td>
</tr>
<tr>
<td>Vert measure units</td>
<td>feet</td>
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<tr>
<td>Vert accmeasure units</td>
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</tr>
<tr>
<td>Vertcoord refsys</td>
<td>NGVD29</td>
</tr>
<tr>
<td>Aquifer name</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Formations type</td>
<td>Sand</td>
</tr>
<tr>
<td>Aquifer type</td>
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<tr>
<td>Construction date</td>
<td>Not Reported</td>
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<tr>
<td>Welldepth</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Ground-water levels, Number of Measurements:</td>
<td>0</td>
</tr>
<tr>
<td>Aquifer type:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>--------------</td>
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</tr>
<tr>
<td>Construction date:</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Well depth units:</td>
<td>ft</td>
</tr>
<tr>
<td>Well holedepth units:</td>
<td>Not Reported</td>
</tr>
</tbody>
</table>

Welldepth: 30
Wellholedepth: Not Reported

Ground-water levels, Number of Measurements: 0
Federal EPA Radon Zone for BRONX County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for BRONX COUNTY, NY

Number of sites tested: 31

<table>
<thead>
<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Area</td>
<td>0.670 pCi/L</td>
<td>96%</td>
<td>4%</td>
<td>0%</td>
</tr>
<tr>
<td>Basement</td>
<td>1.110 pCi/L</td>
<td>42%</td>
<td>58%</td>
<td>0%</td>
</tr>
</tbody>
</table>
TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.
LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey
APPENDIX D
Freedom of Information Act Requests
September 18, 2017

Langan Engineering

Re: 414 Gerard Avenue Bronx, NY

Dear Veronica Zuluaga:

[ ] We write to inform you that a search of records maintained by The Division of Emergency Response and Technical Assessment, (DERTA) yielded documents responsive to your FOIL request. Your request is granted. Copies of records responsive to your request and to which you are entitled access are enclosed.

[X] Please be advised that a search of records maintained by DERTA was made and records you requested were not found.

In the event that you disagree with this determination, you may appeal it within 30 days, by writing to:

DEP FOIL Appeals Officer
NYC Department of Environmental Protection
59-17 Junction Blvd., 19th Floor
Flushing, NY 11373

FOIL 164054

Sincerely,

Patricia Abbott
Executive Assistant
Bureau of Police & Security, DERTA
dertafoil@dep.nyc.gov
August 23, 2017

Dear Veronica Zuluaga,

EPA-R2-2017-010601 has been processed with the following final disposition:

This is in response to your Freedom of Information Act (FOIA) request, identified above, dated 08/17/2017, that you submitted to the U.S. Environmental Protection Agency (EPA).

The information that you are seeking is publicly available on EPA’s MyPropertyInfo online database. The database will provide you with information concerning records the EPA has about a specific property, and it can be accessed at the link below:

https://www.epa.gov/enviro/frs-query-page

Because this information is publicly available, your FOIA request for this information is being administratively closed, in accordance with EPA’s FOIA regulations. See 40 C.F.R. Part 2, Subpart A. Please note you should perform the initial search of a property of interest by visiting the above link. If your search produces results, then proceed with an information request for additional records under FOIA. Your FOIA submittal should be accompanied by these results.

If you consider this response to be a denial of your request, you may appeal this determination to the National Freedom of Information Office, U.S. EPA, 1200 Pennsylvania Avenue, N.W. (2822T), Washington, DC 20460 (U.S. Postal Service Only). Only items mailed through the United States Postal Service may be delivered to 1200 Pennsylvania Avenue, N.W. If you are submitting your appeal via hand delivery, courier service, or overnight delivery, you must address your correspondence to 1301 Constitution Avenue, N.W., Room 6416J, Washington, DC 20001. Your appeal must be made in writing, and it must be received no later than 90 calendar days from the date of this letter. The Agency will not consider appeals received after the 90 calendar day limit. Appeals received after 5:00 pm EST will be considered received the next business day. The appeal letter should include the FOIA tracking number listed above. For quickest possible handling, the subject line of your email, the appeal letter, and its envelope, if applicable, should be marked “Freedom of Information Act Appeal.” Additionally, you may seek assistance from EPA’s FOIA Public Liaison at hq.foia@epa.gov or (202)566-1667, or from the Office of Government Information Services (OGIS). You may contact OGIS in any of the following ways: by mail, Office of Government Information Services, National Archives and Records Administration, Room 2510, 8610 Adelphi Road, College Park, MD 20740-6001; e-mail, ogis@nara.gov; telephone, 301-837-1996 or 1-877-684-6448; and facsimile, 301-837-0348.

Please contact Ms. Wanda Calderon of my staff if you have web access difficulties. This letter concludes our response to your request. Thank you for your interest in this information.

Respectfully,

/s/
Mary Mears
Public Affairs Director
U.S. EPA Region 2 (NJ, NY, PR, the US VI and eight Indian Nations)
Re: Freedom of Information Request 414 Gerard Avenue Block 2350, Lot 1 Bronx, New York

Langan Project No. 170488401

Dear Sir or Madame:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have. The Subject Property is located at 414 Gerard Avenue in the Bronx, New York and is identified as Block 2350, Lot 1 on the New York City Tax Map. The approximately 12,368 square-foot Subject Property is a 2-story warehouse bound by East 146th Street to the north, Walton Avenue to the east, 144th Street to the south and Gerard Avenue Avenue to the west. Please contact me at 212-479-5628 with any questions or send your response to my attention at vzuluaga@langan.com or at the below address: Langan Engineering and Environmental Services, P.C. 21 Penn Plaza 360 West 31st Street, 8th floor New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. Veronica Zuluaga Staff Engineer
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

Veronica Zuluaga c/o LANGAN ENGINEERING

Name
360 West 31st St. 7th Flr.
Address
NEW YORK, NY 10001

State
212-479-5628
Zip Code
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

414 Gerard Ave, Block 2350 Lot 1

House Number
Street Name
Borough

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

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

PR3 (July-08)
August 17, 2017

Fire Department, City of New York
Bureau of Revenue Management
9 MetroTech East
Brooklyn, New York 11201-3857

Re: Freedom of Information Request
414 Gerard Avenue
Block 2350, Lot 1
Bronx, New York
Langan Project No. 170488401

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

The Subject Property is located at 414 Gerard Avenue in the Bronx, New York and is identified as Block 2350, Lot 1 on the New York City Tax Map. The approximately 12,3685-square-foot Subject Property is a 2-story warehouse bound by East 146th Street to the north, Walton avenue to the east, 144th Street to the south and Gerard avenue Avenue to the west.

Please contact me at 212-479-5628 with any questions or send your response to my attention at vzuluaga@langan.com or at the below address:

Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th floor
New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

Veronica Zuluaga
Staff Engineer
Dear Philip:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 8/17/2017 and given the reference number FOIL #W025758-081717 for tracking purposes. You may expect the Department's response to your request no later than 9/15/2017.

Record Requested: Re: Freedom of Information Request 414 Gerard Avenue Block 2350, Lot 1 Bronx, New York Langan Project No. 170488401 Dear Sir or Madam: Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have. The Subject Property is located at 414 Gerard Avenue in the the Bronx, New York and is identified as Block 2350, Lot 1 on the New York City Tax Map. The approximately 12,368.5-square-foot Subject Property is a 2-story warehouse bound by East 146th Street to the north, Walton avenue to the east, 144th Street to the south and Gerard avenue Avenue to the west. Please contact me at 212-479-5628 with any questions or send your response to my attention at vzuluaga@langan.com or at the below address: Langan Engineering and Environmental Services, P.C. 21 Penn Plaza 360 West 31st Street, 8th floor New York, New York 10001-2727 Thank you in advance for your cooperation. Sincerely, Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. Veronica Zuluaga Staff Engineer

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

Track the issue status and respond at:
To: Records Access Officer  
NYC Department of Health and Mental Hygiene  
42-09 28th Street, 14th Floor, CN 31  
Long Island City, NY 11101  
Phone: (347) 396-8078/8116  
Fax: (347) 396-8087  
recordssaccess@health.nyc.gov

Date: 8/17/17

Dear Record Access Officer:

I, Veronica Zuluaga, request copies of any inspection reports and/or records located in the Bureau of NYC Dept. of Health + Mental Hygiene of the New York City Department of Health and Mental Hygiene.

The records pertain to:

- [ ] Lead Poisoning  
- [ ] Animal bite  
- [ ] Employment/Human Resources  
- [ ] Contracts/RFPs  
- [ ] Pest Control  
- [ ] Environmental for specific property  
- [ ] Early Intervention  
- [ ] Food Safety  
- [ ] Mental Health  
- [ ] Communicable Diseases  
- [ ] School Health  
- [ ] Day Care  

[ ] Other: ________________________________

Please specify/describe the records you are requesting from the above program(s):

Environmental contaminants exposure to contaminants, complaints regarding environmental contaminants or exposure, spills, releases to the environment at: 414 Gerard Avenue Block 2350 Lot 1

Bronx, NY

There is a charge of 25¢ per page or actual costs of reproduction, payable in advance.

Requester's Name: **VERONICA ZULUAGA**  
(please print)  
Signature: ________________

Requester's Organization: **LANGAN Engineering Env. Surveying + L.A.D.P.C.**

Requester's Address: **360 West 31st St., 7th Flr., N.Y., N.Y. 10001**  
Street: ________________  
City: ________________  
State: ________________  
Zip Code: ________________

Telephone Number: **(212) 479-5628**  
E-mail: vzuluaga@langan.com

For more information, please visit: http://www1.nyc.gov/site/doh/about/ogc-foil.page
August 21, 2017

Veronica Zuluaga
Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, NY 10001

FOIL # 17-08-307
Project #: 170488401

Dear Ms. Zuluaga:

This will acknowledge receipt of your request for records under the Freedom of Information Law, received by this office on August 17, 2017.

Your request has been forwarded to the appropriate Department program area(s) to identify documents that are responsive to your request and which may be made available pursuant to all applicable provisions of the Freedom of Information Law.

A determination as to whether your request is granted or denied will be reached in approximately 20 business days or we will notify you in writing if the responsible program area(s) should require additional time to locate, assemble, and review documents that may be responsive to your request.

Please note that, pursuant to Article 6 of the Public Officers Law, a charge may be applied to your request, including the actual cost of the medium used to respond to your Freedom of Information Law request and/or other related costs. When responsive records have been identified, you will be informed of any cost and how payment should be made.

Sincerely,

Rosemarie Hewig, Esq.
Records Access Officer

RH/dxd
August 31, 2017

Veronica Zuluaga
Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, NY 10001

FOIL #: 17-08-307
Project #: 170488401

Dear Ms. Zuluaga:

This letter responds to your Freedom of Information Law request of August 17, 2017, in which you requested environmental records for "414 Gerard Avenue in the Bronx, New York."

Please be advised that after conducting a diligent search, no records responsive to your request have been located.

Should you feel that you have been unlawfully denied access to records, you may appeal such denial in writing within 30 days to the Records Access Appeals Officer, Division of Legal Affairs, Empire State Plaza, 2438 Corning Tower, Albany, New York, 12237-0026.

If you require additional information or wish to discuss this matter further, please do not hesitate to contact me at (518) 474-8734.

Sincerely,

Rosemarie Hewig, Esq.
Records Access Officer

RH/dt
TO THE NEW YORK STATE DEPARTMENT OF HEALTH:
I hereby apply to Inspect or Receive Copies of the following records (use additional sheets as needed and attach)

Any records pertaining to: 414 Gerard Avenue
Bronx NY Block 2350 Lot 1

NAME: Veronica Zuluaga PHONE: 718-479-5628 EMAIL: vzuluaga@langoh.com
FIRM: LAN CAN Engineering Engr., Surveying + L.A. D.P.C.
ADDRESS: 360 West 31st St., 7th Flr. NY, NY 10001

SIGNATURE: ___________________________ DATE: 8/17/17

TO THE APPLICANT:

-Records Provided
☐ The reproduction costs for the records are $_____________. Please forward a check payable to the New York State Department of Health to the address listed above. If we do not receive your payment within 60 days, we will assume that you no longer wish to receive the materials, and they will be sent back to the originating unit. Accordingly, any future requests for information will require an initial deposit before processing.
☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: ________________).

-Records Not Available
☐ Records cannot be found after a diligent search.
☐ The Department does not maintain records indicated, please contact: ________________

-Records Denied or Restricted
I hereby certify that access to the records—or part of the records—have been denied to the applicant for the reason(s) checked below (You may appeal this denial of access in writing within 30 days to the Records Access Appeals Officer, Empire State Plaza, 1455 Corning Tower, Albany New York 12237):
☐ Specifically exempt by other statute(s).
☐ Unwarranted invasion of personal privacy.
☐ Would impair present or imminent contract awards or collective bargaining negotiations.
☐ Are examination questions or answers. Are inter-agency or intra-agency materials that are not: statistical or factual tabulations or data
  -instructions to staff that affect the public
  -final agency policy or determinations; or
  -external audits, including but not limited to audits performed by the comptroller and the federal government.
☐ Are trade secrets.
☐ Could, if disclosed endanger the life of any person.
☐ Are compiled for law enforcement purposes and which, if disclosed would:
  -interfere with law enforcement investigations or judicial proceedings
  -deprive a person of the right to a fair trial or impartial adjudication
  -identify a confidential source or disclose confidential information relating to a criminal investigation, or
  -reveal criminal investigative techniques and procedures
☐ Would jeopardize an agency’s capacity to guarantee the security of its information technology assets, such assets encompassing both electronic information systems and infrastructures.

Department Representative ___________________________ Date: ___________________________
APPENDIX E
New York City Department of Building Records
NYC Department of Buildings

Property Profile Overview

414 GERARD AVENUE
EAST 144 STREET 121 - 129
GERARD AVENUE 414 - 414

BRONX 10451

Health Area : 3800
Census Tract : 63
Community Board : 201
Buildings on Lot : 1

BIN# 2001084

Tax Block : 2350
Tax Lot : 1
Condo : NO
Vacant : NO

View DCP Addresses... Browse Block

View Zoning Documents View Challenge Results Pre - BIS PA View Certificates of Occupancy

STOP WORK ORDER EXISTS ON THIS PROPERTY

Cross Street(s): EAST 144 STREET, EAST 146 STREET

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

Environmental Restrictions: HAZMAT/NOISE
Grandfathered Sign: NO
Legal Adult Use: NO.City Owned: NO

Additional BINs for Building: NONE

Special District: MX-13 - MIXED USE-13 (LOWER CONCOURSE, BX)

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

Department of Finance Building Classification: E1-WAREHOUSE

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.

<table>
<thead>
<tr>
<th>Total</th>
<th>Open</th>
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<tr>
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<tr>
<td>Violations-DOB</td>
<td>3</td>
</tr>
<tr>
<td>Violations-ECB (DOB)</td>
<td>1</td>
</tr>
</tbody>
</table>

This property has 1 open ECB "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit. After obtaining the permit, a certificate of correction must be filed on the ECB violations.

| Jobs/Filings | 2 |
| ARA / LAA Jobs | 1 |

| Total Jobs | 3 |

| Actions | 22 |

OR Enter Action Type: [ ]
OR Select from List: Select...
AND Show Actions

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

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA’s Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: “Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that “Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself.”

EPA’s Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records.”

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation’s largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control “touch points.”

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.
A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Langan Engineering, Inc. on Aug 15, 2017.

**TARGET PROPERTY**

414 Gerard Ave  
Bronx, NY  10451

**SEARCH METHODS**

EDR searches available lists for both the Target Property and Surrounding Properties.

**RESEARCH SUMMARY**

Building permits identified: **YES**

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

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### BUILDING DEPARTMENT RECORDS SEARCHED

#### Name: P///New York City, NY
- **Years:** 1971-2017
- **Source:** New York City, Department of Buildings, BRONX, NY
- **Phone:** (212) 566-5000

#### Name: Albany
- **Years:** 1999-2010
- **Source:** City of Albany, Building and Codes, ALBANY, NY
- **Phone:** (518) 434-5165

#### Name: Saltaire village
- **Years:** 1996-2010
- **Source:** Village of Saltaire, Village Office, Saltaire, NY
- **Phone:** (631) 583-5566
TARGET PROPERTY DETAIL

414 Gerard Ave
Bronx, NY 10451

No Permits Found
ADJOINING PROPERTY DETAIL

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

**E 144TH ST**

**120 E 144TH ST**

**Date:** 12/11/2015  
**Permit Type:** SG  
**Description:** SIGN - ERECT NON-ADVERTISING ILLUMINATED ACCESSORY DOUBLE FACED BLADE SIGN ON WALL. NOT WITHIN VIEW/200' OF ARTERIAL HIGHWAY OR PUBLIC PARK OF 1/2 ACRE OR MORE. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

**Permit Description:** SIGN  
**Work Class:** SG - SIGN  
**Proposed Use:**  
**Permit Number:** 220478310-01-SG  
**Status:** ISSUED  
**Valuation:** $0.00  
**Contractor Company:**  
**Contractor Name:** TOM BROWN

**Date:** 12/10/2015  
**Permit Type:** ELECTRICAL  
**Description:**

**Permit Description:**  
**Work Class:** CLOSED  
**Proposed Use:**  
**Permit Number:** Y175856  
**Status:** COMPLETED  
**Valuation:** $0.00  
**Contractor Company:**  
**Contractor Name:**
ADJOINING PROPERTY FINDINGS

Date: 11/18/2015
Permit Type: ELECTRICAL
Description:

Permit Description: CLOSED
Proposed Use: Y175596
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: 

Date: 10/18/2006
Permit Type: EW
Description: ALTERATION TYPE 2 - FIRE SUPPRESSION
PROPOSED TO INSTALL A NEW FIRE SUPPRESSION SYSTEM ALL AS PER PLANS
FILLED HERewith.NO CHANGE IN USE OCCUPANCY OR EGRESS.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FIRE SUPPRESSION
Permit Number: 201082773-01-EW-FP
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: PETER MARTINEZ
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<td>INSTALL FIRE SUPPRESSION SYSTEM ONLY NO CHANGE IN USE, EGRESS OR OCCUPANCY</td>
<td>INSTALL UNIT HEATERS AS PER PLAN, NO CHANGE IN USE, EGRESS OR OCCUPANCY.</td>
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Date: 12/18/1997
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
INSTALL UNIT HEATERS AS PER PLAN.NO CHANGE IN USE, EGRESS OR OCCUPANCY.
Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: PLUMBING
Permit Number: 200484323-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: LEONARD MEYEROWITZ
Contractor Name: LEONARD MEYEROWITZ

Date: 10/16/1997
Permit Type: EW
Description: ALTERATION TYPE 2 - SPRINKLER
DISCONNECTION OF SECONDARY GRAVITY TANK FROM SPRINKLER SERVICE.
NO CHANGE IN USE, EGRESS OR OCCUPANCY.
Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SPRINKLER
Permit Number: 200437465-01-EW-SP
Status: ISSUED
Valuation: $0.00
Contractor Company: RICHARD BLACK
Contractor Name: RICHARD BLACK
125 E 144TH ST

Date: 12/10/1997
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y086260
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: PAPPAS & FODERA ELECT'L FRANK FODERA

3 L & J ELECT'L MAINT. L HERNANDEZ
168 E 144TH ST

Date: 5/12/2017
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 1
RENOVATION OF EXISTING 1-STY AND CELLAR COMMERCIAL BUILDING. OBTAIN A NEW CERTIFICATE OF OCCUPANCY.
Limited scope of work: PLUMBING ONLY

Permit Description: PLUMBING
Work Class: A1 - ALTERATION TYPE 1
Proposed Use:
Permit Number: 220550534-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: ROBERTO VELAZQUEZ

Date: 4/28/2017
Permit Type: AL
Description: ALTERATION TYPE 1 - RENOVATION OF EXISTING 1-STY AND CELLAR COMMERCIAL BUILDING. OBTAIN A NEW CERTIFICATE OF OCCUPANCY.

Permit Description: ALTERATION
Work Class: A1 - ALTERATION TYPE 1
Proposed Use:
Permit Number: 220550534-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: JAMES W BORENIUS
ADJOINING PROPERTY FINDINGS

Date: 4/11/2011
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use: Y155308
Status: Awaiting Inspection Request
Valuation: $0.00
Contractor Company:
Contractor Name: ALEF ELEC’L CONTR’G INC ABE HIMELFARB

EXTerior ST

355 EXTERIOR ST

Date: 7/10/2015
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: CLOSED
Proposed Use:
Permit Number: Y173789
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name:
ADJOINING PROPERTY FINDINGS

Date: 1/11/2005
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC
INSTALL SIX (6) GAS FIRED UNIT HEATERS AND TWO (2) GAS FIRED INFRARED HEATERS,
NEW GAS SERVICE, METER AND PIPING. NO CHANGE IN EGRESS, OCCUPANCY
OR USE UNDER
THIS APPLICATION.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 200925320-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company: ROBERT ANGRISANI

Date: 1/11/2005
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN CONSTR.
INSTALL SIX (6) GAS FIRED UNIT HEATERS AND TWO (2) GAS FIRED INFRARED HEATERS,
NEW GAS SERVICE, METER AND PIPING. NO CHANGE IN EGRESS, OCCUPANCY
OR USE UNDER
THIS APPLICATION.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200925320-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: ROBERT ANGRISANI
ADJOINING PROPERTY FINDINGS

Date: 1/11/2005
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
INSTALL SIX (6) GAS FIRED UNIT HEATERS AND TWO (2) GAS FIRED INFRARED HEATERS, NEW GAS SERVICE, METER AND PIPING. NO CHANGE IN EGRESS, OCCUPANCY OR USE UNDER THIS APPLICATION.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: 
Permit Number: 200925320-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: ROBERT ANGRISANI
Contractor Name: ROBERT ANGRISANI

Date: 11/7/1996
Permit Type: ELECTRICAL
Description: 

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y080458
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company: JOSEPH WEINSTEIN ELECTRIC MARTIN WEINSTEIN
Contractor Name: JOSEPH WEINSTEIN ELECTRIC MARTIN WEINSTEIN
Date: 11/15/1988
Permit Type: ELECTRICAL
Description:

Permit Description: ADJOINING PROPERTY FINDINGS
Work Class: PROPOSED USE
Proposed Use: PERMIT NUMBER: Y025724
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: LOBELLO ELECT. SERV. CORP
Contractor Name: F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE

399 EXTERIOR ST

Date: 5/16/2016
Permit Type: EW
Description: ALTERATION TYPE 2 - FIRE SUPPRESSION
PROPOSED INSTALLATION OF RACK MOUNTED FIRE SUPPRESSION SYSTEM
OVER FUEL DISPENSING ISLANDS AS PER PLANS FILED HEREWITH. NO CHANGE TO USE, EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FIRE SUPPRESSION
Permit Number: 220456352-01-EW-FP
Status: ISSUED
Valuation: $0.00
Contractor Company: JAMES H MEYER
Contractor Name: JAMES H MEYER
ADJOINING PROPERTY FINDINGS

Date: 2/28/2000
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y097988  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: JOHN CAPPELLI ELEC' Inst RICHARD NANNETTI, JOHN CAPPELLI ELEC' Inst JOSEPH GENOVESE

Date: 8/5/1999
Permit Type: AL
Description: ALTERATION TYPE 3 - CURB CUT  
25 FT CURB CUT WITH (2) 2'6" SPLAYS TO TAL 30 FT NO CHANGE TO USE EGRESS OR

Permit Description: ALTERATION  
Work Class: A3 - ALTERATION TYPE 3  
Proposed Use:  
Permit Number: 200581414-01-AL  
Status: ISSUED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: JOSEPH PRISCO
ADJOINING PROPERTY FINDINGS

Date: 4/7/1990
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y036389
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: AL-BA ELECTRICAL CORP. JAMES BASILE, AL-BA ELECTRICAL CORP. ROBERT ALESSI

Date: 3/17/1990
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y036372
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: 
Contractor Name: AL-BA ELECTRICAL CORP. JAMES BASILE, AL-BA ELECTRICAL CORP. ROBERT ALESSI
ADJOINING PROPERTY FINDINGS

Date: 10/10/1989
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y032581
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: INNER CITY ELEC'L CONTR'S FRANK LA GREGA, INNER CITY ELEC'L CONTR'S SALVATORE ANELLI

440 EXTERIOR ST

Date: 12/23/2013
Permit Type: AL
Description: ALTERATION TYPE 3 - GEN. CONSTR. REMOVAL OF SIGN & SIGN STRUCTURE. NO CHANGE IN USE, EGRESS OR OCCUPANCY

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use:
Permit Number: 220342163-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: EDWARD MARINO
441 EXTERIOR ST

Date: 7/11/2007
Permit Type: ELECTRICAL
Description:

Permit Description: Y137317
Work Class: COMPLETED
Proposed Use: $0.00
Permit Number: ROYAL ELEC'L & WIRING COR THOMAS CARNEY

Date: 5/9/2001
Permit Type: ALTERATION TYPE 3 - ROOF STRUCTURE
Description: ALTERATION TYPE 3 - ROOF STRUCTURE FOR ACCESSORY BUSINESS SIGN-INSIDE PROPERTY LINE WITHIN 200' OF AN ARTERIAL HIGHWAY

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: $0.00
Permit Number: JAMES RAMSBURGH
Valuation: 200560749-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company: ROYAL ELEC'L & WIRING COR THOMAS CARNEY
Contractor Name: JAMES RAMSBURGH
Date: 1/14/1999
Permit Type: SG
Description: SIGN - ILLUMINATED ACCESSORY BUSINESS SIGN ON ROOF STRUCTURE-INSIDE PROPERTY LINE
READING: NEW CENTURY STORAGE SIZE: 1200 SQ.FT. WITHIN 200' OF AN ARTERIAL HIGHWAY

Permit Description: SIGN
Work Class: SG - SIGN
Proposed Use:
Permit Number: 200560721-01-SG
Status: ISSUED
Valuation: $0.00
Contractor Company: JAMES RAMSBURGH
Contractor Name:

Date: 1/14/1999
Permit Type: SG
Description: SIGN - ILLUMINATED ACCESSORY BUSINESS SIGN ON ROOF STRUCTURE-INSIDE PROPERTY LINE
READING: NEW CENTURY STORAGE SIZE: 1200 SQ. FT. WITHIN 200' OF AN ARTERIAL HIGHWAY

Permit Description: SIGN
Work Class: SG - SIGN
Proposed Use:
Permit Number: 200560730-01-SG
Status: ISSUED
Valuation: $0.00
Contractor Company: JAMES RAMSBURGH
Contractor Name:
475 EXTERIOR ST

Date: 7/8/2013
Permit Type: AL
Description: ALTERATION TYPE 3 - GEN. CONSTR.
TO REMOVE SIGN AND SIGN STRUCTURE. NO CHANGE IN USE, EGRESS OR OCCUPANCY. WE ARE REMOVING THE SUPPER STRUCTURE OF A SIGN WITHOUT DISTURBING THE SITE & WITHOUT EXPOSING THE PUBLIC TO ANY HAZARDOUS MATERIAL.

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use:
Permit Number: 220320356-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: EDWARD MARINO

Date: 12/12/2008
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y144731
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company:
Contractor Name: JOHN A. ROUBLICK JOHN ROUBLICK
ADJOINING PROPERTY FINDINGS

Date: 5/28/2008  
Permit Type: EW  
Description: ALTERATION TYPE 2 - MECH/HVAC  
FILING FOR THE INSTALLATION OF TWO(2) GAS-FIRED (SPLIT) HVAC SYSTEMS COMPOSED OF  
TWO(2) INDOOR FURNACE UNITS, TWO(2) COOLING COILS, & TWO(2) OUTDOOR  
(ROOF-MOUNTED) COMPRESSOR/ CONDENSER UNITS, WITH A TOTAL COOLING  
CAPACITY OF 6  
TONS. GAS PLUMBING FILED PREVIOUSLY UNDER APPLICATION# 200509235. NO  
CHANGE TO  
USE, EGRESS, OR OCCUPANCY.

Permit Description: EQUIPMENT WORK  
Work Class: A2 - ALTERATION TYPE 2  
Proposed Use: MECHANICAL/HVAC  
Permit Number: 210049570-01-EW-MH  
Status: ISSUED  
Valuation: $0.00  
Contractor Company: DOMINICK RIZZI

Date: 5/28/2008  
Permit Type: EW  
Description: ALTERATION TYPE 2 - GEN. CONSTR  
FILING FOR THE INSTALLATION OF TWO(2) GAS-FIRED (SPLIT) HVAC SYSTEMS COMPOSED OF  
TWO(2) INDOOR FURNACE UNITS, TWO(2) COOLING COILS, & TWO(2) OUTDOOR  
(ROOF-MOUNTED) COMPRESSOR/ CONDENSER UNITS, WITH A TOTAL COOLING  
CAPACITY OF 6  
TONS. GAS PLUMBING FILED PREVIOUSLY UNDER APPLICATION# 200509235. NO  
CHANGE TO  
USE, EGRESS, OR OCCUPANCY.

Permit Description: EQUIPMENT WORK  
Work Class: A2 - ALTERATION TYPE 2  
Proposed Use: OTHER CONSTRUCTION EQUIPMENT  
Permit Number: 210049570-01-EW-OT  
Status: ISSUED  
Valuation: $0.00  
Contractor Company: DOMINICK RIZZI
ADJOINING PROPERTY FINDINGS

Date: 5/28/2008
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC
To file for one(1) replacement, gas-fired, HVAC (packaged/rooftop) unit with a
total cooling capacity of 10 tons. No change to supports, ductwork, and no new
plumbing. Existing gas plumbing filed under previous application #
200632413. No change to use, egress, or occupancy.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 210049589-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company: DOMINICK RIZZI

Date: 1/6/2004
Permit Type: EW
Description: ALTERATION TYPE 2 - GENERAL CONSTR
To install concrete batching plant and hot water heater in existing building
filing under #200632413. No change of use, occupancy or egress.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200807172-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: SALVATORE CASCINO
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<td>STAT ELECTRIC INC. HOWARD ZAMKOFF</td>
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ADJOINING PROPERTY FINDINGS

Date: 7/10/1991
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y045604
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: JOSEPH B. JORDAN JOSEPH JORDAN

Date: 2/25/1991
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y043186
Status: VIOLATN PENDING AT CONTRACTOR
Valuation: $0.00
Contractor Company: MONTANA ELEC'L DECORATING E HESSEMER, MONTANA ELEC'L DECORATING R MCDONALD, MONTANA ELEC'L DECORATIN
Contractor Name: 

Date: 5/10/1990
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y037067
Status: COMPLETED
Valuation: $0.00
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| Description| ALTERATION TYPE 2 - STANDPIPE  
INSTALLATION OF TEMPORARY STANDPIPE WITH AN AIR ALARM, AS PER LOCAL LAWS 64 OF 2009 IN CONJUNCTION WITH NB 210107677. NO CHANGE IN USE, EGRESS OR OCCUPANCY. |
| Permit Description | EQUIPMENT WORK  |
| Work Class  | A2 - ALTERATION TYPE 2 |
| Proposed Use| STAND PIPE        |
| Permit Number: | 220462719-01-EW-SD |
| Status      | ISSUED        |
| Valuation   | $0.00         |
| Contractor Company: | SCOTT LOVETRO |
| Contractor Name: | SCOTT LOVETRO |

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| Description| PLUMBING - ALTERATION TYPE 2  
INSTALL PLUMBING, SPRINKLER, STANDPIPE, EMERGENCY GENERATOR AND HVAC SYSTEMS IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR EGRESS. |
| Permit Description | PLUMBING |
| Work Class  | A2 - ALTERATION TYPE 2 |
| Proposed Use|                      |
| Permit Number: | 220016186-01-PL |
| Status      | ISSUED        |
| Valuation   | $0.00         |
| Contractor Company: | IMITRIOS TSAMOS |
| Contractor Name: | IMITRIOS TSAMOS |
ADJOINING PROPERTY FINDINGS

Date: 5/18/2015
Permit Type: EQ
Description: NEW BUILDING - CONSTRUCTION EQUIPMENT - FENCE
PROPOSED 11STORY NEW HOTEL

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: NB - NEW BUILDING
Proposed Use: FENCE
Permit Number: 210107677-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company: GAUTAM GOPALANI OWNER 81-43 262 ST FLORAL PARK NY 110040000

Date: 5/18/2015
Permit Type: NB
Description: NEW BUILDING - PROPOSED 11STORY NEW HOTEL

Permit Description: NEW BUILDING
Work Class: NB - NEW BUILDING
Proposed Use: 
Permit Number: 210107677-01-NB
Status: ISSUED
Valuation: $0.00
Contractor Company: PO-SHENG J HSU
ADJOINING PROPERTY FINDINGS

Date: 5/12/2015
Permit Type: EW
Description: ALTERATION TYPE 2 - STANDPIPE
INSTALL PLUMBING, SPRINKLER, STANDPIPE, EMERGENCY GENERATOR AND HVAC SYSTEMS IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR EGRESS.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: STAND PIPE
Permit Number: 220016186-01-EW-SD
Status: ISSUED
Valuation: $0.00
Contractor Company: SCOTT LOVETRO
Contractor Name: SCOTT LOVETRO

Date: 5/12/2015
Permit Type: EW
Description: ALTERATION TYPE 2 - SPRINKLER
INSTALL PLUMBING, SPRINKLER, STANDPIPE, EMERGENCY GENERATOR AND HVAC SYSTEMS IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR EGRESS.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SPRINKLER
Permit Number: 220016186-01-EW-SP
Status: ISSUED
Valuation: $0.00
Contractor Company: SCOTT LOVETRO
Contractor Name: SCOTT LOVETRO
Date: 5/4/2015
Permit Type: ELECTRICAL
Description:

Permit Description: ADJOINING PROPERTY FINDINGS
Work Class: ACTIVE
Proposed Use: Y172952
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company: E D ELECTRICAL INC KWOK WAH TANG

Date: 3/13/2015
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
INSTALLATION OF SIDEWALK SHED AS PER PLAN IN CONJUNCTION WITH NB 210107677. WORK
SHALL COMPLY WITH 2014 BUILDING CODE CHAPTER 33. NO CHANGE IN USE,
EGRESS, OR
OCCUPANCY.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 240091896-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: PO SHENG J HSU

Contractor Name: E D ELECTRICAL INC KWOK WAH TANG
ADJOINING PROPERTY FINDINGS

Date: 3/13/2015
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SCAFFOLD
INSTALLATION OF PIPE SCAFFOLD AS PER PLAN IN CONJUNCTION WITH NB
210107677. WORK SHALL COMPLY WITH 2014 BUILDING CODE CHAPTER 33. NO CHANGE IN USE,
EGRESS, OR OCCUPANCY.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SCAFFOLD
Permit Number: 240092163-01-EQ-SF
Status: ISSUED
Valuation: $0.00
Contractor Company: PO SHENG J HSU

Date: 3/13/2015
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - OTHER
INSTALLATION OF 6,000 LBS GJJ SC300GD SINGLE CAR PERSONAL/MATERIAL
HOIST AS PER PLAN IN CONJUNCTION WITH NB 210107677. WORK SHALL COMPLY WITH A10.4-
81, DOB RS18-7 AND 2014 BUILDING CODE. NO CHANGE IN USE, EGRESS, OR
OCCUPANCY.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 240092323-01-EQ-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: PO SHENG J HSU
ADJOINING PROPERTY FINDINGS

Date: 3/9/2015
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: ACTIVE
Proposed Use: Y172239
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company: V. VASS ELECTRIC CORP VAN VASSELL
Contractor Name:  

Date: 7/20/2014
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: NEW BUILDING
Proposed Use: Y169454
Status: Open
Valuation: $0.00
Contractor Company: E D ELECTRICAL INC KWOK WAH TANG
Contractor Name:  

ADJOINING PROPERTY FINDINGS

Date: 3/28/2011
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC
INSTALL PLUMBING, SPRINKLER, STANDPIPE, EMERGENCY GENERATOR AND
HVAC SYSTEMS IN CONJUNCTION WITH NB 210107677. NO CHANGE TO USE, OCCUPANCY OR
EGRESS.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 220016186-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company: PO-SHENG J HSU

Date: 1/4/2011
Permit Type: EQ
Description: ALTERATION TYPE 2 - CONSTRUCTION EQUIPMENT - FENCE
SHORING AND SUPPORT OF EXCAVATION WORK IN CONJUNCTION WITH NB
210107677.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FENCE
Permit Number: 220077066-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company: PO-SHENG J HSU
ADJOINING PROPERTY FINDINGS

Date: 1/4/2011
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN. CONSTR
SHORING AND SUPPORT OF EXCAVATION WORK IN CONJUNCTION WITH NB
210107677.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220077066-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: PO-SHENG J HSU

Date: 9/22/2010
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use: Y152980
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company: HESTER ELECTRICAL INC JOSEPH ALAIMO

Contractor Name: HESTER ELECTRICAL INC JOSEPH ALAIMO
ADJOINING PROPERTY FINDINGS

Date: 8/12/2010
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED INSTALLATION OF A HEAVY DUTY SIDEWALK SHED APPROXIMATELY 200 FEET LONG AS PER PLANS DURING FACADE RESTORATION. SIDEWALK SHED TO COMPLY WITH NEW YORK CITY BUILDING CODE 2008,CHAPTER 33.NO CHANGES IN USE,EGRESS OR OCCUPANCY.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 220060467-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: PAUL TRINKS
Contractor Name: PAUL TRINKS

Date: 4/23/2010
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y150995
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company:
Contractor Name: ALEF ELEC'L CONTR'G INC ABEL HIMEFARB
GERARD AVE
350 GERARD AVE

Date: 3/10/2017
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
Submitted on behalf of contractor for the installation of temporary construction equipment (shed), in conjunction with LLW#104645 (ext. masonry).
No change in use, occupancy or egress.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 201196721-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: HEROLIND SADIKU

Date: 10/21/2016
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SCAFFOLD
Proposed installation of pipe scaffold for remedial repairs as per plans. No change in use occupancy or egress under this application.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SCAFFOLD
Permit Number: 240160678-01-EQ-SF
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: BALWINDER SINGH
ADJOINING PROPERTY FINDINGS

Date: 7/12/2016
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
PROPOSED INSTALLATION OF HEAVY DUTY SIDEWALK SHED FILED FOR REMEDIAL REPAIRS AS PER PLANS. NO CHANGE IN USE OCCUPANCY OR EGRESS UNDER THIS APPLICATION. LIVE LOAD 300 PER SQUARE FEET. SIDEWALK SHED SHALL COMPLY WITH CHAPTER # 33 OF THE 2014 CODE.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 240148292-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: BALWINDER SINGH

Date: 7/11/2016
Permit Type: ELECTRICAL
Description:

Permit Description: ACTIVE
Work Class: ACTIVE
Proposed Use: Y178437
Status: ASSIGNED TO INSPECTOR
Valuation: $0.00
Contractor Company: BALWINDER SINGH
Contractor Name: BALWINDER SINGH
Date: 7/5/2016
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: ACTIVE
Proposed Use: Y178372
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: 6/10/2016
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: ACTIVE
Proposed Use: Y178060
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: 11/13/2015
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: MINOR WORK JOB
Proposed Use: Y175551
Status: ADMINISTRATIVELY CLOSED (MINOR WORK)
Valuation: $0.00
Contractor Company:
Contractor Name:
ADJOINING PROPERTY FINDINGS

Date: 4/16/2014
Permit Type: ELECTRICAL
Description:

Permit Description: REHABILITATION
Work Class: REHABILITATION
Proposed Use: Y168184
Status: Closed
Valuation: $0.00
Contractor Company: GEMINI ELECTRIC CO., INC. STANLEY MURRAY
Contractor Name: GEMINI ELECTRIC CO., INC. STANLEY MURRAY

Date: 9/20/2011
Permit Type: ELECTRICAL
Description:

Permit Description: ELECTRICAL
Work Class: ELECTRICAL
Proposed Use: Y157393
Status: COMPLETED
Valuation: $0.00
Contractor Company: ARCADIA ELECT'L CO. INC. MARC CUSUMANO
Contractor Name: ARCADIA ELECT'L CO. INC. MARC CUSUMANO
ADJOINING PROPERTY FINDINGS

Date: 8/22/2011
Permit Type: EW
Description: ALTERATION TYPE 2 - SPRINKLER
PROPOSED: MH: RECONFIGURE EXIST. DISTRIBUTION, REMOVE EXIST. AC & PROVIDE NEW ONE, PROVIDE TESTING AND BALANCING OF ALL NEW & EXISTING DIFFUSERS. SP: REMOVE SECTION OF EXIST. BRANCK AND MAIN SP PIPING AND REPLACE WITH NEW ONE. RELOCATE EXITING SP HEADS AND REPLACE WITH NEW ONES TO PROVIDE COMPLETE COVERAGE DUE TO CHANGE IN CEILING CONSTRUCTION.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SPRINKLER
Permit Number: 220121464-02-EW-SP
Status: ISSUED
Valuation: $0.00
Contractor Company: JOSEPH T EARLY

Date: 8/19/2011
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC
PROPOSED: MH: RECONFIGURE EXIST. DISTRIBUTION, REMOVE EXIST. AC & PROVIDE NEW ONE, PROVIDE TESTING AND BALANCING OF ALL NEW & EXISTING DIFFUSERS. SP: REMOVE SECTION OF EXIST. BRANCK AND MAIN SP PIPING AND REPLACE WITH NEW ONE. RELOCATE EXITING SP HEADS AND REPLACE WITH NEW ONES TO PROVIDE COMPLETE COVERAGE DUE TO CHANGE IN CEILING CONSTRUCTION.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 220121464-02-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company: ILYA BRODSKY
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<td>Permit Type</td>
<td>EW</td>
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<tr>
<td>Description</td>
<td>ALTERATION TYPE 2 - GEN. CONSTR PROPOSED: DIVIDING OF EXISTING GYM/ASSEMBLY INTO 2 AREAS - GYM AND GYM/ASSEMBLY - IN ORDER TO ALLOW SIMULTANEOUS USE OF BOTH AREAS BY THE SCHOOLS IN THE BUILDING. NO CHANGE OF OCCUPANCY, USE OR EGRESS.</td>
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<td>Permit Type</td>
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<tr>
<td>Description</td>
<td>ALTERATION TYPE 2 - GEN. CONSTR REPLACEMENT OF ROOFING MATERIAL. NO CHANGE IN EGRESS, USE OR OCCUPANCY.</td>
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<td>Contractor Company</td>
<td>MOSHE ALTMARK</td>
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<td>Contractor Name</td>
<td>MOSHE ALTMARK</td>
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ADJOINING PROPERTY FINDINGS

Date: 3/12/2010
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y150447
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company: 
Contractor Name: PULSAR ELECTRIC INC. ALLEN CHAYUT

Date: 3/23/2009
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y145750
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: A TECH ELEC. ENTERPRISES KWOK LI
Date: 12/1/2006
Permit Type: EW
Description: ALTERATION TYPE 2 - CONSTRUCTION
HEALTH & OPPORTUNITY HS INTERIOR RENOVATION REMOVE EXIST PARTITION & A D R TO CREATE 1 CLASSRM PATCH & PAINT EXIST FINISHES

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200889510-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: GIRISH SANGOLLI
Contractor Name: GIRISH SANGOLLI

Date: 12/1/2006
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC
HS FOR SOCIAL JUSTICE; INTERIOR RENOVATION REMOVE EXISTING PARTITIONS & DOOR TO CREATE ONE REGULAR CLASSRMS & BUILD NEW PARTITION TO CREATE ONE SMALLER CLASSRM. PATCH & PAINT EXISTING FINISHES MODIFY EXISTING DUCTWORK TO ACCOMMODATE NEW LAYOUT & RELOCATE SOME EXISTING DIFFUSERS. CONT. SECT 16

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 200889529-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company: GIRISH SANGOLLI
Contractor Name: GIRISH SANGOLLI
ADJOINING PROPERTY FINDINGS

Date: 12/1/2006
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN. CONST. HS FOR SOCIAL JUSTICE; INTERIOR RENOVATION REMOVE EXISTING PARTITIONS & DOOR TO CREATE ONE REGULAR CLASSRMS & BUILD NEW PARTITION TO CREATE ONE SMALLER CLASSRM. PATCH & PAINT EXISTING FINISHES MODIFY EXISTING DUCTWORK TO ACCOMMODATE NEW LAYOUT & RELOCATE SOME EXISTING DIFFUSERS. CONT. SECT 16

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200889529-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: GIRISH SANGOLLI
Contractor Name: GIRISH SANGOLLI

Date: 9/10/1996
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2 INSTALL RANGEHOOD FIRE SUPPRESSION SYSTEM AS SHOWN ON PLAN. NO CHANGE IN USE, OCCUPANCY, OR EGRESS.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: PLUMBING
Permit Number: 200353606-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: RALPH DEMARTINO
Contractor Name: RALPH DEMARTINO
Date: 2/1/1996
Permit Type: EW
Description: ALTERATION TYPE 2 - DIESEL TANK
INSTALL A 275 GAL. CAP. DIESEL FUEL TANK FOR EMERGENCY GENERATOR
LOCATED
ON ROOF. THIS APPLICATION IS IN CONJUNCTION WITH #200323499. NO
CHANGE IN USE,
OCCUPANCY OR EGRESS

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200359343-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: MOSHE ALTMARK
Contractor Name: MOSHE ALTMARK

Date: 1/1/1996
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y076248
Status: COMPLETED
Valuation: $0.00
Contractor Company: HENRY KROGER ELEC. CORP
Contractor Name: HENRY KROGER
ADJOINING PROPERTY FINDINGS

Date: 11/20/1995
Permit Type: EW
Description: ALTERATION TYPE 2 - FIRE SUPPRESSION
INSTALL RANGEHOOD FIRE SUPPRESSION SYSTEM AS SHOWN ON PLAN.
NO CHANGE IN USE, OCCUPANCY, OR EGRESS.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FIRE SUPPRESSION
Permit Number: 200353606-01-EW-FP
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: ROBERT SCHUBERT

Date: 11/1/1995
Permit Type: EW
Description: ALTERATION TYPE 2 - STANDPIPE
INSTALL STAND PIPE SYSTEM. WORK IN CONJ/ WITH 200323499. NO CHANGE IN US
EGRESS OCC.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: STAND PIPE
Permit Number: 200350681-01-EW-SD
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: HOWARD GOODRICH
ADJOINING PROPERTY FINDINGS

Date: 10/30/1995
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y074785
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: CALL ELECTRIC CO. INC DAVID SPINDELL, CALL ELECTRIC CO. INC MORRIS ILAN, CALL ELECTRIC CO. INC BRYAN

Date: 10/17/1995
Permit Type: EW
Description: ALTERATION TYPE 1 - COSY INCLUDED IN ORIGINAL APPLICATION ADD 1,081 SPRINKLER HEADS TO ENTIRE BUILDING.

Permit Description: EQUIPMENT WORK
Work Class: A1 - ALTERATION TYPE 1
Proposed Use: SPRINKLER
Permit Number: 200323499-02-EW-SP
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: HOWARD GOODRICH
**Date:** 9/8/1995
**Permit Type:** PL
**Description:** PLUMBING - ALTERATION TYPE 1
INSTALL NEW PARTITIONS, NEW TOILETS NEW FLOORING AND NEW FLOOR LAYOUT
TO CREATE NEW CLASS ROOMS, NEW LIBRARY OFFICES, CAFETERIA,
GYMNASHIYUM ETC.
AS SHOWN ON DRAWINGS SUPERSEDES CO’S: 50730, 6754, 2724.

**Permit Description:** PLUMBING
**Work Class:** A1 - ALTERATION TYPE 1
**Proposed Use:**
**Permit Number:** 200323499-01-PL
**Status:** ISSUED
**Valuation:** $0.00
**Contractor Company:**
**Contractor Name:** RALPH DEMARTINO

**Date:** 7/11/1995
**Permit Type:** EQ
**Description:** ALTERATION TYPE 1 - CONSTRUCTION EQUIPMENT - FENCE
INSTALL NEW PARTITIONS, NEW TOILETS NEW FLOORING AND NEW FLOOR LAYOUT
TO CREATE NEW CLASS ROOMS, NEW LIBRARY OFFICES, CAFETERIA,
GYMNASHIYUM ETC.
AS SHOWN ON DRAWINGS SUPERSEDES CO’S: 50730, 6754, 2724.

**Permit Description:** CONSTRUCTION EQUIPMENT
**Work Class:** A1 - ALTERATION TYPE 1
**Proposed Use:** FENCE
**Permit Number:** 200323499-01-EQ-FN
**Status:** ISSUED
**Valuation:** $0.00
**Contractor Company:**
**Contractor Name:** ROBERT HOWARD
ADJOINING PROPERTY FINDINGS

Date: 7/11/1995  
Permit Type: AL  
Description: ALTERATION TYPE 1 - INSTALL NEW PARTITIONS, NEW TOILETS NEW FLOORING AND NEW FLOOR LAYOUT TO CREATE NEW CLASS ROOMS, NEW LIBRARY OFFICES, CAFETERIA, GYMNASIUM ETC. AS SHOWN ON DRAWINGS SUPERSEDES CO'S: 50730, 6754, 2724.

Permit Description: ALTERATION  
Work Class: A1 - ALTERATION TYPE 1  
Proposed Use: OTHER CONSTRUCTION EQUIPMENT  
Permit Number: 200323499-01-AL  
Status: ISSUED  
Valuation: $0.00  
Contractor Company: ROBERT HOWARD

Date: 3/17/1995  
Permit Type: EW  
Description: ALTERATION TYPE 2 - CONSTRUCTION REMOVAL OF EXISTING PARTITIONS, PLATFORMS AND MISC. DEBRIS AND PIPING. NO CHANGE IN EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK  
Work Class: A2 - ALTERATION TYPE 2  
Proposed Use: OTHER CONSTRUCTION EQUIPMENT  
Permit Number: 200308835-01-EW-OT  
Status: ISSUED  
Valuation: $0.00  
Contractor Company: ROBERT HOWARD
ADJOINING PROPERTY FINDINGS

Date: 2/7/1995
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y070358
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: CALL ELECTRIC CO. INC DAVID SPINDELL, CALL ELECTRIC CO. INC MORRIS ILAN, CALL ELECTRIC CO. INC BRYAN

Date: 10/22/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X13800
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: DAIDONE ELECTRIC OF NY IN WILLIAM TORTORELLI, DAIDONE ELECTRIC OF NY IN ROGER VECCHIO, DAIDONE ELECT

Date: 2/1/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X07897
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: ADEQUATE POWER & LIGHTING R BERNEY
ADJOINING PROPERTY FINDINGS

Date: 10/1/1984
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: X04922
Status: COMPLETED
Valuation: $0.00
Contractor Company: ADEQUATE POWER & LIGHTING R BERNEY
Contractor Name: 

370 GERARD AVE

Date: 1/10/2017
Permit Type: AL
Description: ALTERATION TYPE 3 - FPP
PROPOSED FIRE PROTECTION PLANS. ALL AS PER PLANS FILED HEREWITH.

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: 
Permit Number: 220515734-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company: DANIEL TOMAI
Contractor Name: 

5022723-8 Page 54
ADJOINING PROPERTY FINDINGS

Date: 5/26/2016
Permit Type: EW
Description: ALTERATION TYPE 2 - STRUCTURAL
PROPOSED STRUCTURAL WORK, REINFORCE BUILDING FOR SCHOOL USE,
LATERAL STABILITY, NEW STAIR. THIS WORK TYPE WAS PREVIOUSLY FILED UNDER APPLICATION #220307709 DOC #2.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220524626-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: DANIEL TOMAI
Contractor Name: DANIEL TOMAI

Date: 3/21/2016
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
PROPOSED INSTALLATION OF HEAVY DUTY SIDEWALK SHED AS PER PLANS.
NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 240136072-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: CHRISTOPHER DOWNES
Contractor Name: CHRISTOPHER DOWNES
ADJOINING PROPERTY FINDINGS

Date: 3/18/2016
Permit Type: ELECTRICAL
Description:

Permit Description: CLOSED
Work Class: CLOSED
Proposed Use: Y176935
Permit Number: Y176935
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: 

Date: 2/10/2016
Permit Type: ELECTRICAL
Description:

Permit Description: CLOSED
Work Class: CLOSED
Proposed Use: Y176513
Permit Number: Y176513
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: 

Date: 12/11/2015
Permit Type: ELECTRICAL
Description:

Permit Description: CLOSED
Work Class: CLOSED
Proposed Use: Y175888
Permit Number: Y175888
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: 
Date: 5/20/2015
Permit Type: EW
Description: ALTERATION TYPE 2 - INTERIOR DEMO
REMOVAL OF CEILING SHEATHING; PARTITIONS, STAIRWELL WALL; CONCRETE SLAB ON GRADE
AND PLUMBING FIXTURES TO A VACANT BUILDING AS PER PLANS FILED. THERE IS NO
CHANGE TO OCCUPANCY USE OR EGRESS

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220270070-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: VICOLE MARTINEZ
Contractor Name: VICOLE MARTINEZ

Date: 5/20/2015
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN. CONSTR.
INSTALLATION OF A NEW FIRE RATED PARTITION AT EXISTING STAIRCASE AS
PER PLANS.
THERE IS NO CHANGE TO OCCUPANCY USE OR EGRESS.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220270070-02-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: VICOLE MARTINEZ
Contractor Name: VICOLE MARTINEZ
ADJOINING PROPERTY FINDINGS

Date: 12/30/2014
Permit Type: EW
Description: ALTERATION TYPE 2 - SPRINKLER
SPRINKLER MODIFICATIONS AS PER PLANS FILED. THERE IS NO CHANGE TO OCCUPANCY USE OR EGRESS

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SPRINKLER
 Permit Number: 220322345-01-EW-SP
Status: ISSUED
Valuation: $0.00
Contractor Company: IVAN PESANTE
Contractor Name: IVAN PESANTE

Date: 8/11/2014
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 1
MECHANICAL AND PLUMBING AS PER PLANS FILED.

Permit Description: PLUMBING
Work Class: A1 - ALTERATION TYPE 1
Proposed Use: 
 Permit Number: 220307709-02-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: EDDIE W ORTIZ JR
Contractor Name: EDDIE W ORTIZ JR
ADJOINING PROPERTY FINDINGS

Date: 1/23/2014
Permit Type: AL
Description: ALTERATION TYPE 1 - IT IS PROPOSED TO UPDATE THE OCCUPANCY GROUP AND THE ZONING USE GROUP; CONSTRUCT NEW PARTITIONS; HUNG CEILINGS, WALLS AND FINISHES AS PER PLANS FILED. RESPECTFULLY REQUEST APPROVAL TO SUPERSEDE APPLICANT, EXPEDITER AND OWNER OF RECORD.

Permit Description: ALTERATION
Work Class: A1 - ALTERATION TYPE 1
Proposed Use: 
Permit Number: 220307709-01-AL
Status: REISSUED, ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: VICOLE MARTINEZ

Date: 1/23/2014
Permit Type: EQ
Description: ALTERATION TYPE 1 - CONSTRUCTION EQUIPMENT - FENCE IT IS PROPOSED TO UPDATE THE OCCUPANCY GROUP AND THE ZONING USE GROUP; CONSTRUCT NEW PARTITIONS; HUNG CEILINGS, WALLS AND FINISHES AS PER PLANS FILED. RESPECTFULLY REQUEST APPROVAL TO SUPERSEDE APPLICANT, EXPEDITER AND OWNER OF RECORD.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A1 - ALTERATION TYPE 1
Proposed Use: FENCE
Permit Number: 220307709-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: VICOLE MARTINEZ
ADJOINING PROPERTY FINDINGS

Date: 12/17/2013
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
FILING HERewith SUBSEQUENT DOCUMENT TO ADD PLUMBING WORKTYPE

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use:
Permit Number: 220322345-02-PL
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: EDDIE W ORTIZ JR

Date: 8/15/2013
Permit Type: ELECTRICAL
Description:

Permit Description: REHABILITATION
Work Class: REHABILITATION
Proposed Use:
Permit Number: Y165362
Status: Open
Valuation: $0.00
Contractor Company:
Contractor Name: METRO ELEC'L CONTRS, INC MAYER WEBER
385 GERARD AVE

Date: 3/3/2017
Permit Type: EW
Description: ALTERATION TYPE 2 - SPRINKLER
FILING TO INSTALL SPRINKLERS AND PIPING AS PER PLAN

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SPRINKLER
Permit Number: 220361025-01-EW-SP
Status: ISSUED
Valuation: $0.00
Contractor Company: RICHARD E LEVINE

Date: 10/14/2015
Permit Type: ELECTRICAL
Description:

Permit Description: CLOSED
Proposed Use: SPRINKLER
Status: COMPLETED
Valuation: $0.00
Contractor Company: RICHARD E LEVINE
Contractor Name:
**Permit Details**

**Permit Number:** Y086645  
**Date:** 10/17/2014  
**Permit Type:** ELECTRICAL  
**Description:** 

**Proposed Use:** REHABILITATION  
**Valuation:** $0.00  
**Contractor Company:** LOBELLO ELECT. INSTALL. DENIS DOYLE, LOBELLO ELECT. INSTALL. FRANK TURANO  

**Permit Details**

**Permit Number:** 220237704-01-AL  
**Date:** 10/16/2014  
**Permit Type:** AL  
**Description:** Alteration Type 1 - Construct new rental offices on 1st and second floor. Construct new caretakers apartment on 2nd floor. Add new elevator vestibules on 8th and 9th floor. Install all new self storage units on floors 1 thru 7 and 10 thru 12. Alter existing building facade with insulated panel and glazing system on exterior face of building.

**Proposed Use:** ALTERATION  
**Valuation:** $0.00  
**Contractor Company:** PAUL TAGLIAFERRI  

**Contractor Name:** PAUL TAGLIAFERRI
Date: 8/26/2013
Permit Type: ELECTRICAL
Description:

Permit Description: REHABILITATION
Work Class: REHABILITATION
Proposed Use: Y165535
Status: Closed
Valuation: $0.00
Contractor Company: ESSENTIAL ELECTRIC CORP MICHAEL KAUFMAN
Contractor Name: ESSENTIAL ELECTRIC CORP MICHAEL KAUFMAN

Date: 7/9/2013
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
INSTALLATION OF 687 LINEAR FEET OF HEAVY DUTY SIDEWALK SHED DURING BUILDING ALTERATION, FILED SEPARATELY. LIVE LOAD 300 PSF. SHED SHALL COMPLY WITH CHAPTER #33 OF THE 2008 CODE. NO CHANGE IN USE, OCCUPANCY OR EGRESS UNDER THIS APPLICATION.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 220226057-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: PHILIP SUSI
Contractor Name: PHILIP SUSI
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<td>Date: 6/18/2013</td>
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<td>Permit Type: EQ</td>
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<td>Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - FENCE INSTALLATION OF PLYWOOD FENCE, AS PER DRAWINGS. PLYWOOD FENCE SHALL COMPLY WITH CHAPTER #33 OF THE 2008 CODE. NO CHANGE IN USE, OCCUPANCY OR EGRESS UNDER THIS APPLICATION.</td>
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<tr>
<td>Contractor Name:</td>
<td>BESTCO GENERAL ELEC. MAIN MICHAEL ALPHONSE</td>
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ADJOINING PROPERTY FINDINGS

Date: 6/14/2013
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: UN-TAGGED SIGN
Proposed Use:
Permit Number: Y164395
Status: Closed
Valuation: $0.00
Contractor Company: BESTCO GENERAL ELEC. MAIN MICHAEL ALPHONSE
Contractor Name:

Date: 6/14/2013
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: UN-TAGGED SIGN
Proposed Use:
Permit Number: Y164396
Status: Closed
Valuation: $0.00
Contractor Company: BESTCO GENERAL ELEC. MAIN MICHAEL ALPHONSE
Contractor Name:

Date: 6/14/2013
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: UN-TAGGED SIGN
Proposed Use:
Permit Number: Y164397
Status: Closed
Valuation: $0.00
Contractor Company: BESTCO GENERAL ELEC. MAIN MICHAEL ALPHONSE
Contractor Name:
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ADJOINING PROPERTY FINDINGS

Date: 6/11/2013
Permit Type: SG
Description: SIGN - ERECT ILLUMINATED ACCESSORY BUSINESS SIGN ON WALL. NOT WITHIN VIEW OF ARTERIAL HIGHWAY OR PUBLIC PARK 1/2 ACRE OR MORE. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: SIGN
Work Class: SG - SIGN
Proposed Use: SIGN
Permit Number: 220291280-01-SG
Status: ISSUED
Valuation: $0.00
Contractor Company: JONATHAN C BRAGOLI
Contractor Name: JONATHAN C BRAGOLI

Date: 6/11/2013
Permit Type: SG
Description: SIGN - ERECT ILLUMINATED ACCESSORY BUSINESS SIGN ON WALL. NOT WITHIN VIEW OF ARTERIAL HIGHWAY OR PUBLIC PARK 1/2 ACRE OR MORE. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: SIGN
Work Class: SG - SIGN
Proposed Use: SIGN
Permit Number: 220291299-01-SG
Status: ISSUED
Valuation: $0.00
Contractor Company: JONATHAN C BRAGOLI
Contractor Name: JONATHAN C BRAGOLI
ADJOINING PROPERTY FINDINGS

Date: 6/1/2013
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: REHABILITATION
Proposed Use:
Permit Number: Y164411
Status: Closed
Valuation: $0.00
Contractor Company: ESSENTIAL ELECTRIC CORP MICHAEL KAUFMAN

Date: 3/8/2013
Permit Type: PL
Description:

Permit Description: PLUMBING - ALTERATION TYPE 1
CONSTRUCT NEW RENTAL OFFICES ON 1ST AND SECOND FLOOR. CONSTRUCT
NEW CARETAKERS
APARTMENT ON 2ND FLOOR. ADD NEW ELEVATOR VESTIBULES ON 8TH AND
9TH FLOOR. INST
ALL NEW SELF STORAGE UNITS ON FLOORS 1 THRU 7 AND 10 THRU 12. ALTER
EXISTING
BUILDING FACADE WITH INSULATED PANEL AND GLAZING SYSTEM ON
EXTERIOR FACE OF
BUILDING.

Permit Description: PLUMBING
Work Class: A1 - ALTERATION TYPE 1
Proposed Use:
Permit Number: 220237704-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: ROBERT BROFSKY
ADJOINING PROPERTY FINDINGS

Date: 3/4/2013
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: REHABILITATION
Proposed Use: 
Permit Number: Y163230
Status: Closed
Valuation: $0.00
Contractor Company: NASH ELECTRIC SERVICES IN
Contractor Name: 

Date: 2/19/2013
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: REHABILITATION
Proposed Use: 
Permit Number: Y163023
Status: Closed
Valuation: $0.00
Contractor Company: ESSENTIAL ELECTRIC CORP MICHAEL KAUFMAN
Contractor Name: 

Date: 2/19/2013
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: REHABILITATION
Proposed Use: 
Permit Number: Y163024
Status: Closed
Valuation: $0.00
Contractor Company: ESSENTIAL ELECTRIC CORP MICHAEL KAUFMAN
Contractor Name: 

5022723-8 Page 69
ADJOINING PROPERTY FINDINGS

Date: 1/17/2013
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN. CONST.
PROPOSED INTERIOR MECHANICAL DEMOLITION ON FLOORS 001 - 007 & 010 - 012.
PROPOSED HAND DEMOLITION ON ROOF. PROPOSED TENANT PROTECTION PLANS ON FLOORS 008 & 009.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220245250-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: NICHOLAS SAMPOGNA

Date: 11/9/2011
Permit Type: Description:

Permit Description: ELECTRICAL
Work Class: Proposed Use:
Permit Number: Y158051
Status: COMPLETED
Valuation: $0.00
Contractor Company: COAST 2 COAST ELECTRIC JOSEPH LENOX, JR
ADJOINING PROPERTY FINDINGS

Date: 6/10/2010
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
MODIFICATION TO EXISTING HVAC SYSTEM AND INSTALLATION OF PLUMBING FIXTURES AS PER PLANS FILED HEREWITH. NO CHANGE IN USE, EGRESS OR OCCUPANCY UNDER THIS APPLICATION.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: PLUMBING
Permit Number: 220060644-02-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: JOHN J MCCARTHY
Contractor Name: JOE ROMANO
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<td>Y150510</td>
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<td>GALLANT ELEC'L CONST, INC</td>
<td>SALVATORE FERRARA</td>
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<td>REMOVING EXISTING TELECOMMUNICATION EQUIPMENT ON THE ROOF AND THE FIFTH FLOOR. ALL WORK IS IN CONFORMANCE WITH TPPN #5/98. NO CHANGE IN USE, EGRESS, OR OCCUPANCY.</td>
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<td>ALTERATION TYPE 2 - MECH/HVAC</td>
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<td>INSTALL PAINT SPRAY BOOTH AND CONSTRUCT PAINT STORAGE ROOM ON 8TH FLOOR. NO CHANGE TO ZONING, EGRESS OR OCCUPANCY</td>
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<td>TONY NGUYEN</td>
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<td>Contractor Name:</td>
<td>TONY NGUYEN</td>
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ADJOINING PROPERTY FINDINGS

Date: 2/1/2008
Permit Type: EW
Description: ALTERATION TYPE 2 - CONST.
INSTALL PAINT SPRAY BOOTH AND CONSTRUCT PAINT STORAGE ROOM ON 8TH
FLOOR.
NO CHANGE TO ZONING, EGRESS OR OCCUPANCY

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 201116620-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: TONY NGUYEN

Date: 11/19/2007
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y138868
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company: GALLAGHER ELEC'L CONTRS JEFFREY LIU, GALLAGHER ELEC'L CONTRS
PATRICK GALLAGHER, GALLAGHER ELEC'L CON
Contractor Name:
**ADJOINING PROPERTY FINDINGS**

**Date:** 7/13/2006  
**Permit Type:** EW  
**Description:** ALTERATION TYPE 2 - FACADE REPAIR  
Concrete Facade Repair... No change to use, egress or occupancy.

**Permit Description:** EQUIPMENT WORK  
**Work Class:** A2 - ALTERATION TYPE 2  
**Proposed Use:** OTHER CONSTRUCTION EQUIPMENT  
**Permit Number:** 201058292-01-EW-OT  
**Status:** ISSUED  
**Valuation:** $0.00  
**Contractor Company:**  
**Contractor Name:** WILLIAM RIVERA

---

**Date:** 1/11/2005  
**Permit Type:** EQ  
**Description:** ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED  
Install Heavy Duty Sidewalk Shed 800'. No change to use egress or occupancy.

**Permit Description:** CONSTRUCTION EQUIPMENT  
**Work Class:** A3 - ALTERATION TYPE 3  
**Proposed Use:** SIDEWALK SHED  
**Permit Number:** 200705825-01-EQ-SH  
**Status:** ISSUED  
**Valuation:** $0.00  
**Contractor Company:**  
**Contractor Name:** THOMAS DEL MASTRO
Date: 7/9/2001  
Permit Type: ELECTRICAL  
Description: 

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y105163  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: NJS ELEC’L SERVICES CORP. NICHOLAS STEFANOU  
Contractor Name: 

Date: 2/9/1998  
Permit Type: PL  
Description: PLUMBING - ALTERATION TYPE 2  
THE CONSTRUCTION OF OFFICES AND TOILETS, PARTIAL HUNG CEILINGS, PLUMBING FIXTURES AND HVAC SYSTEM IN THE BASEMENT THERE IS NO CHANGE OF USE, EGRESS OR OCCUPANCY UNDER THIS APPLICATION  

Permit Description: PLUMBING  
Work Class: A2 - ALTERATION TYPE 2  
Proposed Use:  
Permit Number: 200486688-01-PL  
Status: ISSUED  
Valuation: $0.00  
Contractor Company: ROBERT ANGRISANI  
Contractor Name: 

2/3/1998
EW
ALTERATION TYPE 2 -
THE CONSTRUCTION OF OFFICES AND TOILETS, PARTIAL HUNG CEILINGS,
PLUMBING
FIXTURES AND HVAC SYSTEM IN THE BASEMENT THERE IS NO CHANGE OF
USE, EGRESS OR OC
UPANCY UNDER THIS APPLICATION
EQUIPMENT WORK
A2 - ALTERATION TYPE 2
OTHER CONSTRUCTION EQUIPMENT
200486688-01-EW-OT
WITHDRAWN
$0.00
HARVEY MORGAN
1/12/1998
ELECTRICAL
Y086753
COMPLETED
$0.00
ROBIN ELECTRICAL CO., INC ARTHUR ROBIN, ROBIN ELECTRICAL CO., INC
LAURENCE ROBIN
ADJOINING PROPERTY FINDINGS

Date: 4/6/1992
Permit Type: EW
Description: ALTERATION TYPE 2 - BOILER
INSTALL GAS FIRED PACKAGE BOILER. INSTALL NEW GAS METER AND GAS PIPING
CONNECTED TO EXISTING GAS SERVICE. NO CHANGE IN EGRESS, OCCUPANCY OR USE UNDER HIS APPLICATION.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: BOILER
Permit Number: 200152324-01-EW-BL
Status: ISSUED
Valuation: $0.00
Contractor Company: IRA FRIEDMAN

Date: 4/6/1992
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
INSTALL GAS FIRED PACKAGE BOILER. INSTALL NEW GAS METER AND GAS PIPING
CONNECTED TO EXISTING GAS SERVICE. NO CHANGE IN EGRESS, OCCUPANCY OR USE UNDER HIS APPLICATION.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: BOILER
Permit Number: 200152324-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: IRA FRIEDMAN
### ADJOINING PROPERTY FINDINGS

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**Proposed Use**

**Permit Description**

**Work Class**

**Permit Number**

**Status**

**Valuation**

**Contractor Company**

**Contractor Name**

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**Proposed Use**

**Permit Description**

**Work Class**

**Permit Number**

**Status**

**Valuation**

**Contractor Company**

**Contractor Name**

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**Proposed Use**

**Permit Description**

**Work Class**

**Permit Number**

**Status**

**Valuation**

**Contractor Company**

**Contractor Name**
Date: 3/21/1986  
Permit Type: ELECTRICAL  
Description:  

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: X15589  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: E.H.M. GEE ELECTRIC CORP. A MERINGOLO  

Date: 11/21/1985  
Permit Type: ELECTRICAL  
Description:  

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: X13531  
Status: CLOSED/CANCELLED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: BERNIE MCCANN ELEC CONT C BERNARD MCCANN  

Date: 10/21/1985  
Permit Type: ELECTRICAL  
Description:  

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: X13157  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: MASTER ELECTRIC CO. A MANDRACHIO
ADJOINING PROPERTY FINDINGS

Date: 9/11/1985
Permit Type: ELECTRICAL
Description:

Proposed Use:
Permit Number: X12094
Status: COMPLETED
Valuation: $0.00
Contractor Company: E.H.M. GEE ELECTRIC CORP. A MERINGOLO

Date: 5/15/1985
Permit Type: ELECTRICAL
Description:

Proposed Use:
Permit Number: 033256
Status: COMPLETED
Valuation: $0.00
Contractor Company: LOWY & DONNATH INC. S LOWY, LOWY & DONNATH INC. ANTHONY SCALA, JR.

Date: 5/1/1985
Permit Type: ELECTRICAL
Description:

Proposed Use:
Permit Number: X09359
Status: COMPLETED
Valuation: $0.00
ADJOINING PROPERTY FINDINGS

Date: 1/30/1985
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: X07511
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: E.H.M. GEE ELECTRIC CORP. A MERINGOLO

Date: 1/17/1985
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: X07279
Status: COMPLETED
Valuation: $0.00
Contractor Company: EXCELLO ELEC. CONST. & MA ERWIN GREENBERG

444 GERARD AVE

Date: 3/8/1989
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y027808
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: P.E.S. ELEC. SVC., INC. WILLIAM CANALE
475 GERARD AVE

Date: 9/26/2008
Permit Type: DM
Description: FULL DEMOLITION - HEREWITH FILING A DEMO OF TWO (2) EXISTING STRUCTURES.

Permit Description: DEMOLITION & REMOVAL
Work Class: DM - FULL DEMOLITION
Proposed Use:
Permit Number: 210060565-01-DM
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: JOHN MORALES

Date: 9/19/2008
Permit Type: EQ
Description: FULL DEMOLITION - CONSTRUCTION EQUIPMENT - FENCE HEREWITH FILING A DEMO OF TWO (2) EXISTING STRUCTURES.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: DM - FULL DEMOLITION
Proposed Use: FENCE
Permit Number: 210060565-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: JOHN MORALES
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| Permit Description: | ADJOINING PROPERTY FINDINGS |
| Work Class:         |                            |
| Proposed Use:       |                             |
| Permit Number:      | Y098458                   |
| Status:             | COMPLETED                 |
| Valuation:          | $0.00                     |
| Contractor Company: | CITY ELEC'L SIGN ERECTORS FRANK SICA, CITY ELEC'L SIGN ERECTORS DAVID BROWN, CITY ELEC'L SIGN ERECTO |

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<p>| Permit Description: | SIGN |
| Work Class:         | SG - SIGN |
| Proposed Use:       | SG - SIGN |
| Permit Number:      | 200585205-01-SG |
| Status:             | ISSUED |
| Valuation:          | $0.00 |
| Contractor Company: | DAVID BROWN |
| Contractor Name:    | DAVID BROWN |</p>
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ADJOINING PROPERTY FINDINGS

Date: 1/8/1999
Permit Type: EW
Description: ALTERATION TYPE 2 - SIGN
INSTALLATION OF NEW NON-ILLUMINATED CENTER POST GROUND SIGN
NO CHANGE IN USE, EGRESS OR OCCUPANCY

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200561533-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: LOU GIORDANO

478 GERARD AVE

Date: 5/16/2013
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: REHABILITATION
Proposed Use:
Permit Number: Y164168
Status: Closed
Valuation: $0.00
Contractor Company:
Contractor Name: ELECTROTEC OF NY ELECL IN WILLIAM GOLDENBAUM, ELECTROTEC OF NY ELECL IN DYLAN SALANT
ADJOINING PROPERTY FINDINGS

Date: 3/20/2009
Permit Type: EQ
Description: ALTERATION TYPE 2 - CONSTRUCTION EQUIPMENT - FENCE
REPAIR OF TWO EXISTING FRONT ENTRANCES AND ROLL UP GATES; REPLACE
EXISTING
BLEACHERS; & FACADE REPAIR. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FENCE
Permit Number: 210062073-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company: NICK CAPOUS

Date: 3/20/2009
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN. CONSTR
REPAIR OF TWO EXISTING FRONT ENTRANCES AND ROLL UP GATES; REPLACE
EXISTING
BLEACHERS; & FACADE REPAIR. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 210062073-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: NICK CAPOUS

Contractor Name: NICK CAPOUS
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ADJOINING PROPERTY FINDINGS

500 GERARD AVE

Date: 4/28/2017
Permit Type: EW
Description: ALTERATION TYPE 2 - STANDPIPE
MODIFICATION AND UPGRADE OF EXISTING SPRINKLER/STANDPIPE SYSTEM,
REPLACE PIPING,
VALVES AND SPRINKLER HEADS AS PER PLAN

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: STAND PIPE
Permit Number: 240180816-01-EW-SD
Status: ISSUED
Valuation: $0.00
Contractor Company: AVI SHTEIERMAN

Date: 4/28/2017
Permit Type: EW
Description: ALTERATION TYPE 2 - SPRINKLER
MODIFICATION AND UPGRADE OF EXISTING SPRINKLER/STANDPIPE SYSTEM,
REPLACE PIPING,
VALVES AND SPRINKLER HEADS AS PER PLAN

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SPRINKLER
Permit Number: 240180816-01-EW-SP
Status: ISSUED
Valuation: $0.00
Contractor Company: AVI SHTEIERMAN
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| Description: | ALTERATION TYPE 2 - GAS VENTS  
               INSTALL GAS-FIRED SPACE HEATERS & NEW GAS PIPING TO GAS METER PER PLANS. |
| Permit Description: | EQUIPMENT WORK |
| Work Class: | A2 - ALTERATION TYPE 2 |
| Proposed Use: | OTHER CONSTRUCTION EQUIPMENT |
| Permit Number: | 240175323-01-EW-OT |
| Status: | ISSUED |
| Valuation: | $0.00 |
| Contractor Company: | BENJAMIN WACHSLER |
| Contractor Name: | BENJAMIN WACHSLER |

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| Description: | PLUMBING - ALTERATION TYPE 2  
               INSTALL GAS-FIRED SPACE HEATERS & NEW GAS PIPING TO GAS METER PER PLANS. |
| Permit Description: | PLUMBING |
| Work Class: | A2 - ALTERATION TYPE 2 |
| Proposed Use: | |
| Permit Number: | 240175323-01-PL |
| Status: | ISSUED |
| Valuation: | $0.00 |
| Contractor Company: | JOSEF LEBOWITS |
| Contractor Name: | JOSEF LEBOWITS |
ADJOINING PROPERTY FINDINGS

Date: 9/13/2006
Permit Type: EQ
Description: ALTERATION TYPE 2 - CONSTRUCTION EQUIPMENT - FENCE
REBUILD EXTERIOR MASONRY WALLS ON EXISTING COMMERCIAL BUILDING AS PERPLAN
SUBMITTED. NO CHANGE OF USE OR EGRESS OR OCCUPANCY UNDER THIS APPLICATION.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FENCE
Permit Number: 201076897-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company: VICTOR N ALSONO
Contractor Name: VICTOR N ALSONO

Date: 9/13/2006
Permit Type: EW
Description: ALTERATION TYPE 2 - GC
REBUILD EXTERIOR MASONRY WALLS ON EXISTING COMMERCIAL BUILDING AS PERPLAN
SUBMITTED. NO CHANGE OF USE OR EGRESS OR OCCUPANCY UNDER THIS APPLICATION.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 201076897-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: VICTOR N ALSONO
Contractor Name: VICTOR N ALSONO
ADJOINING PROPERTY FINDINGS

Date: 7/22/1991
Permit Type: ELECTRICAL
Description:
Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y045754
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: LOBELLO ELECT. INSTALL. DENIS DOYLE, LOBELLO ELECT. INSTALL. FRANK TURANO

Date: 11/23/1987
Permit Type: ELECTRICAL
Description:
Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y016493
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE
ADJOINING PROPERTY FINDINGS

Date: 10/10/1987
Permit Type: ELECTRICAL
Description:

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y015026
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE

GRAND CONCOURSE

370 GRAND CONCOURSE

Date: 5/12/1998
Permit Type: EW
Description: ALTERATION TYPE 2 - CONSTRUCTION INSTALLATION OF DOOR & ON-GRADE LANDING AS SHOWN ON PLANS. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 101733901-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: LOU CHRISTENSEN
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ADJOINING PROPERTY FINDINGS

Date: 2/18/1992
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y049944
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: CITILIGHTS ELECL CONTRS L P POLLARI
Contractor Name: CITILIGHTS ELECL CONTRS L P POLLARI

Date: 2/18/1992
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y049946
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: CITILIGHTS ELECL CONTRS L P POLLARI
Contractor Name: CITILIGHTS ELECL CONTRS L P POLLARI

Date: 10/1/1987
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y016054
Status: COMPLETED
Valuation: $0.00
Contractor Company: VIC CONSTRUCTION CORP. J DEMARTINI, VIC CONSTRUCTION CORP. V STEINFELD, VIC CONSTRUCTION CORP. P POL
Contractor Name: VIC CONSTRUCTION CORP. J DEMARTINI, VIC CONSTRUCTION CORP. V STEINFELD, VIC CONSTRUCTION CORP. P POL
Date: 8/10/1987  
Permit Type: ELECTRICAL  
Description: 

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y013826  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: VIC CONSTRUCTION CORP. J DEMARTINI, VIC CONSTRUCTION CORP. V STEINFELD, VIC CONSTRUCTION CORP. P POL

384 GRAND CONCOURSE

Date: 5/1/2017  
Permit Type: EW  
Description: ALTERATION TYPE 2 - BOILER  
SUBSTANTIAL REHAB OF MULTI FAMILY RESIDENTIAL BUILDING. NO CHANGE TO USE, EGRESS OR OCCUPANCY.  

Permit Description: EQUIPMENT WORK  
Work Class: A2 - ALTERATION TYPE 2  
Proposed Use: BOILER  
Permit Number: 220421005-01-EW-BL  
Status: ISSUED  
Valuation: $0.00  
Contractor Company: 
Contractor Name: HOWARD M SCHREIER
Date: 5/1/2017
Permit Type: EW
Description: ALTERATION TYPE 2 - SPRINKLER PROVIDE COMPLETE NEW SPRINKLER SYSTEM INCLUDING 4" SERVICE, RISER, VALVES, ALARMS, HEADS, ACCESSORIES AS PER NYC BUILDING CODE AND NFPA#13R. NO CHANGE TO USE, EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SPRINKLER
Permit Number: 220423263-01-EW-SP
Status: ISSUED
Valuation: $0.00
Contractor Company: HOWARD M SCHREIER

Date: 5/1/2017
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2 PROVIDE COMPLETE NEW SPRINKLER SYSTEM INCLUDING 4" SERVICE, RISER, VALVES, ALARMS, HEADS, ACCESSORIES AS PER NYC BUILDING CODE AND NFPA#13R. NO CHANGE TO USE, EGRESS OR OCCUPANCY.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use:
Permit Number: 220423263-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: HOWARD M SCHREIER
**ADJOINING PROPERTY FINDINGS**

- **Date:** 1/17/2017
- **Permit Type:** EW
- **Description:** ALTERATION TYPE 2 - MECH/HVAC
  SUBSTANTIAL REHAB OF MULTI FAMILY RESIDENTIAL BUILDING. NO CHANGE TO USE, EGRESS OR OCCUPANCY.

  - **Permit Description:** EQUIPMENT WORK
  - **Work Class:** A2 - ALTERATION TYPE 2
  - **Proposed Use:** MECHANICAL/HVAC
  - **Permit Number:** 220421005-01-EW-MH
  - **Status:** ISSUED
  - **Valuation:** $0.00
  - **Contractor Company:** LEOPOLDO BAEZ
  - **Contractor Name:** LEOPOLDO BAEZ

- **Date:** 8/29/2016
- **Permit Type:** PL
- **Description:** PLUMBING - ALTERATION TYPE 2
  SUBSTANTIAL REHAB OF MULTI FAMILY RESIDENTIAL BUILDING. NO CHANGE TO USE, EGRESS OR OCCUPANCY.

  - **Permit Description:** PLUMBING
  - **Work Class:** A2 - ALTERATION TYPE 2
  - **Proposed Use:** 
  - **Permit Number:** 220421005-01-PL
  - **Status:** ISSUED
  - **Valuation:** $0.00
  - **Contractor Company:** HOWARD M SCHREIER
  - **Contractor Name:** HOWARD M SCHREIER
**ADJOINING PROPERTY FINDINGS**

Date: 11/29/2015  
Permit Type: ELECTRICAL  
Description:

Permit Description:
Work Class: ACTIVE  
Proposed Use: Y175724  
Status: AWAITING INSPECTION REQUEST  
Valuation: $0.00  
Contractor Company:  
Contractor Name:

Date: 7/29/2015  
Permit Type: EQ  
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED  
PROPOSED INSTALLATION OF HEAVY DUTY SIDEWALK SHED FILED FOR REMEDIAL REPAIRS AS PER PLANS. NO CHANGE IN USE OCCUPANCY OR EGRESS UNDER THIS APPLICATION. LIVE LOAD 300 PER SQUARE FEET. SIDEWALK SHED SHALL COMPLY WITH CHAPTER # 33 OF THE 2008 CODE.

Permit Description: CONSTRUCTION EQUIPMENT  
Work Class: A3 - ALTERATION TYPE 3  
Proposed Use: SIDEWALK SHED  
Permit Number: 240107870-01-EQ-SH  
Status: ISSUED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: JATINDER KOMAL
## ADJOINING PROPERTY FINDINGS

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### Permits

**Date:** 2/19/1998  
**Permit Type:** EW  
**Description:** ALTERATION TYPE 2 - PATCHING  
REPLACE HOT/COLD WATER DOMESTIC PIPING - THRUOUT BLDG. REPLACE BASEMENT OVERHEAD MAINS, RISERS & BRANCHES. RE - PLACE C.I. VERTICAL WASTE & VENT RISER AT KITCHENS & BATH OF SPT. LINES B,C,D,E REPLACE CI VERTICAL WASTE & VENT RISER AT BATHS ONLY. AT APPTS. LINE A. REPLACE EXIST' SANITARY UNDERGROUN PIPING.  
**Permit Description:** EQUIPMENT WORK  
**Work Class:** A2 - ALTERATION TYPE 2  
**Proposed Use:** OTHER CONSTRUCTION EQUIPMENT  
**Permit Number:** 200246545-01-EW-OT  
**Status:** ISSUED  
**Valuation:** $0.00  
**Contractor Company:** MICHAEL FEIGENBAUM

**Date:** 9/1/1996  
**Permit Type:** ELECTRICAL  
**Description:**  
**Permit Description:**  
**Work Class:**  
**Proposed Use:**  
**Permit Number:** Y109362  
**Status:** COMPLETED  
**Valuation:** $0.00  
**Contractor Company:** CLASSIC ELECTRIC INC. ARTHUR BATSIDIS
Date: 4/15/1996
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED INSTALLATION OF SHED: 50 FEET LONG ON GRAND CONCOURSE DURING FACADE REPAIR. WORK TO COMPLY WITH LL33/91. NO CHANGE IN USE, EGRESS OR OCCUPANCY

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 200367218-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: KEN BUTTNER
Contractor Name: KEN BUTTNER

Date: 2/21/1996
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y076388
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: S. J. ELECTRIC INC. MIKE OSMAN, S. J. ELECTRIC INC. VITO CAPIZZO, S. J. ELECTRIC INC. ANTHONY FIGUCC
**ADJOINING PROPERTY FINDINGS**

Date: 1/17/1996  
Permit Type: EW  
Description: ALTERATION TYPE 2 - BOILER  
REPLACE GAS BOILER AND BURNER. NO CHANGE IN EGRESS. USE, OR OCCUPANCY IS INVOLVED UNDER THIS APPLICATION.

Permit Description: EQUIPMENT WORK  
Work Class: A2 - ALTERATION TYPE 2  
Proposed Use: BOILER  
Permit Number: 200355105-01-EW-BL  
Status: ISSUED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: VITO LAURO  

Date: 1/17/1996  
Permit Type: EW  
Description:  

Permit Description: EQUIPMENT WORK  
Work Class:  
Proposed Use: FUEL BURNING  
Permit Number: 200355105-01-EW-FB  
Status:  
Valuation: $0.00  
Contractor Company:  
Contractor Name:
Date: 1/17/1996
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
REPLACE GAS BOILER AND BURNER. NO CHANGE IN EGRESS. USE, OR OCCUPANCY IS INVOLVED UNDER THIS APPLICATION.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use:
Permit Number: 200355105-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: VITO LAURO
Contractor Name: VITO LAURO

Date: 7/12/1995
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y073492
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company:
Contractor Name: E. FITZGERALD ELEC CO INC EUGENE FITZGERALD, E. FITZGERALD ELEC CO INC PAUL DALY
ADJOINING PROPERTY FINDINGS

Date: 7/7/1995
Permit Type: EQ
Description: ALTERATION TYPE 2 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
INSTALLATION OF SHED: 60 FEET LONG ON _________GRAND CONCOURSE
DURING _________FACADE REPAIR, WORK TO COMPLY _________WITH LL 33/91. NO
CHANGE IN USE _________EGRESS OR OCCUPANCY.

 Permit Description: CONSTRUCTION EQUIPMENT
 Work Class: A2 - ALTERATION TYPE 2
 Proposed Use: SIDEWALK SHED
 Permit Number: 200329135-01-EQ-SH
 Status: ISSUED
 Valuation: $0.00
 Contractor Company: KEN BUTTNER
 Contractor Name: KEN BUTTNER

Date: 6/28/1995
Permit Type: ELECTRICAL
Description:

 Permit Description: ELECTRICAL
 Work Class: 
 Proposed Use:
 Permit Number: Y073070
 Status: CLOSED/CANCELLED
 Valuation: $0.00
 Contractor Company: E. FITZGERALD ELEC CO INC EUGENE FITZGERALD, E. FITZGERALD ELEC CO INC
 Contractor Name: E. FITZGERALD ELEC CO INC EUGENE FITZGERALD, E. FITZGERALD ELEC CO INC
ADJOINING PROPERTY FINDINGS

Date: 1/31/1995
Permit Type: EW
Description: ALTERATION TYPE 2 - CONSTRUCTION
RESPECTFULLY PROPOSE INTERIOR ALTERATION AS PER PLANS INCLUDING
NEW AP
MENT DOORS, NEW PLYWOOD SUBFLOORING, NEW LAMINATED GWB ON
EXT’G. PARTITIONS.
EXTERIOR ALTERATIONS AS PER PLANS INCLUDE- ES NEW ALUMINUM
WINDOWS, NO ELECTRIC
OR PLUMBING UNDER THIS APPLICATION

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200297810-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: BARRY BULLARD
Contractor Name:

Date: 10/1/1994
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y066665
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: CLASSIC ELECTRIC INC. ARTHUR BATSIDIS
ADJOINING PROPERTY FINDINGS

Date: 8/5/1994
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
REPLACE HOT/COLD WATER DOMESTIC PIPING - THRUOUT BLDG. REPLACE BASEMENT
OVERHEAD MAINS, RISERS & BRANCHES. REPLACE C.I. VERTICAL WASTE & VENT RISER AT KITCHENS & BATH OF SPT. LINES B,C,D,E REPLACE CI VERTICAL WASTE & VENT RISER AT BATHS ONLY. AT APTS. LINE A. REPLACE EXIST' SANITARY UNDERGROUND PIPING.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use:
Permit Number: 200246545-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: MICHAEL FEIGENBAUM
Contractor Name:

Date: 10/20/1992
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y055972
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company:
Contractor Name: G.S.H. ELECTRIC INC. GENE HUMPHREYS
ADJOINING PROPERTY FINDINGS

Date: 9/9/1992
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y054132  
Status: CLOSED/CANCELLED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: M & H ELEC. CONTR’G. CO. J MAULER

Date: 12/12/1991
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y049194  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: OLYMPIC ELECT WIRING CORP S KHAI'T, OLYMPIC ELECT WIRING CORP MIKHAIL KOLKER, OLYMPIC ELECT WIRING CO

Date: 11/12/1991
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y048643  
Status: CLOSED/CANCELLED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: PRECISION ELEC’L CONTR’G PAUL ORTTON
ADJOINING PROPERTY FINDINGS

Date: 9/9/1990
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
 Permit Number: Y041669
Status: COMPLETED
Valuation: $0.00
Contractor Company: DEPT OF HOUS PRES & DEVEL W MALDONADO, DEPT OF HOUS PRES & DEVEL
Contractor Name: JOSEPH SPEZIALE

Date: 2/28/1989
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
 Permit Number: Y028633
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: DEPT OF HOUS PRES & DEVEL W MALDONADO, DEPT OF HOUS PRES & DEVEL
Contractor Name: JOSEPH SPEZIALE

Date: 5/14/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
 Permit Number: Y020885
Status: COMPLETED
Valuation: $0.00
Contractor Company: RAYMOR ELECTRIC CORP. SEYMOUR FRANK
ADJOINING PROPERTY FINDINGS

Date: 5/7/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y020721
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

Date: 4/15/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y020511
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

Date: 2/26/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y018838
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: PRECISION ELEC'L CONTR'G PAUL ORTTON
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Permit Description:
Work Class:
Proposed Use:
Permit Number: Y014678
Status: COMPLETED
Valuation: $0.00
Contractor Company: ZEV ELECTRIC CORP. A TAUROG, ZEV ELECTRIC CORP. LEONARD FISHBAUM, ZEV ELECTRIC CORP. JOSHUA GUTTMAN

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Permit Description:
Work Class:
Proposed Use:
Permit Number: Y012645
Status: COMPLETED
Valuation: $0.00
Contractor Company: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

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Permit Description:
Work Class:
Proposed Use:
Permit Number: Y012533
Status: COMPLETED
Valuation: $0.00
Contractor Company: M & H ELEC. CONTR’G. CO. J MAULER
Date:           4/20/1987  
Permit Type:    ELECTRICAL  
Description:   

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y011207  
Status:         COMPLETED  
Valuation:      $0.00  
Contractor Company: 
Contractor Name: SOLAR ELECTRIC CORP. W MARTINEZ  

Date:           4/1/1987  
Permit Type:    ELECTRICAL  
Description:   

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y011066  
Status:         CLOSED/CANCELLED  
Valuation:      $0.00  
Contractor Company: EAST ELECTRIC OF NYC, INC S AMENGUAL, EAST ELECTRIC OF NYC, INC F GAROFALO  

Date:           9/9/1986  
Permit Type:    ELECTRICAL  
Description:   

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: Y005214  
Status:         COMPLETED  
Valuation:      $0.00  
Contractor Company: 
Contractor Name: SOLAR ELECTRIC CORP. W MARTINEZ
Date: 8/12/1986
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class: 
Proposed Use:  
Permit Number: Y003879  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: 
Contractor Name: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

Date: 3/24/1986
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class: 
Proposed Use:  
Permit Number: Y001769  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: 
Contractor Name: M & H ELEC. CONTR'G. CO. J MAULER

Date: 1/31/1986
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class: 
Proposed Use:  
Permit Number: X15024  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: 
Contractor Name: M & H ELEC. CONTR'G. CO. J MAULER
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Date: 9/25/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X13907
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

Date: 9/6/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X13906
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

Date: 8/2/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X11292
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: RAYMOR ELECTRIC CORP. SEYMOUR FRANK
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ADJOINING PROPERTY FINDINGS

Date: 3/7/1985
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: X08332  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

Date: 1/24/1985
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: X07411  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: CARMELO TRAPANI C TRAPANI

Date: 8/17/1984
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: X03983  
Status: CLOSED/CANCELLED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: RIALTO CONSTR. CORP. D LEHMAN, RIALTO CONSTR. CORP. M ROSOFSKY
ADJOINING PROPERTY FINDINGS

388 GRAND CONCOURSE

Date: 11/2/2005
Permit Type: AL
Description: ALTERATION TYPE 3 - GEN CONSTR
REPLACE EXISTING BULKHEAD WITH NEW DOOR AND FRAME AS SHOWN IN PLANS PROVIDED. NO CHANGE TO USES, EGRESS OR OCCUPANCY.

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use:
Permit Number: 201006856-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company: FARRUKH JAVAID
Contractor Name:

Date: 4/2/1998
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y088123
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company:
Contractor Name: S. J. ELECTRIC INC. MIKE OSMAN, S. J. ELECTRIC INC. VITO CAPIZZO, S. J. ELECTRIC INC. ANTHONY FIGUCC
Date: 12/15/1997
Permit Type: EW
Description: ALTERATION TYPE 2 - CONSTRUCTION
RESPECTFULLY PROPOSE INTERIOR ALTERATIONS AS PER PLANS INCLUDING NEW APARTMENT DOORS, NEW PLYWOOD SUBFLOORING NEW LAMINATED GWB ON EXT'G. PARTITION EXTERIOR ALTERATIONS AS PER PLANS INCLUDES NEW ALUMINUM WINDOWS.
NO ELECTRIC OR PLUMBING UNDER THIS APPLICATION.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200302476-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: BARRY BULLARD

Date: 10/28/1997
Permit Type: EW
Description: ALTERATION TYPE 2 - BOILER
REPLACE BOILER & BURNER. INSTALL GAS LINE. CONNECT GAS LINE TO BURNER
NO CHANGE TO EGRESS, OCCUPANCY OR USE

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: BOILER
Permit Number: 200439445-01-EW-BL
Status: ISSUED
Valuation: $0.00
Contractor Company: VITO LAURO
ADJOINING PROPERTY FINDINGS

Date: 10/28/1997
Permit Type: EW
Description: EQUIPMENT WORK

Permit Description: EQUIPMENT WORK
Work Class: Proposed Use: FUEL BURNING
Permit Number: 200439445-01-EW-FB
Status: Valuation: $0.00
Contractor Company: Contractor Name:

Date: 10/28/1997
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
REPLACE BOILER & BURNER. INSTALL GAS LINE. CONNECT GAS LINE TO BURNER
NO CHANGE TO EGRESS, OCCUPANCY OR USE

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: Permit Number: 200439445-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: VITO LAURO
Contractor Name:
ADJOINING PROPERTY FINDINGS

Date: 3/27/1997
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
INSTALLATION OF SHED: 100 FT. LONG AT GR AND CONCOURSE, DURING
FAÇADE REPAIR. WORK SHALL COMPLY WITH LL33/91. NO CHANGE IN USE, EGRESS OR
OCCUPANCY

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 200416273-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: KEN BUTTNER
Contractor Name:

Date: 9/1/1996
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y109100
Status: COMPLETED
Valuation: $0.00
Contractor Company: CLASSIC ELECTRIC INC. ARTHUR BATSIDIS
Contractor Name:
ADJOINING PROPERTY FINDINGS

Date: 1/31/1995
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y070168
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company:
Contractor Name: THORN ELECTRIC INC. LAWRENCE THORNE

Date: 10/1/1994
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y066667
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: CLASSIC ELECTRIC INC. ARTHUR BATSIDIS

Date: 8/24/1990
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y039583
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: M & H ELEC. CONTR’G. CO. J MAULER
**ADJOINING PROPERTY FINDINGS**

Date: 4/8/1988  
Permit Type: ELECTRICAL  
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y019939
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: BLAKE ELEC. CONTR. CO., I PETER BLAKE

Date: 6/1/1987  
Permit Type: ELECTRICAL  
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y012811
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company:
Contractor Name: EAST ELECTRIC OF NYC, INC S AMENGUAL, EAST ELECTRIC OF NYC, INC F GAROFALO

Date: 1/23/1985  
Permit Type: ELECTRICAL  
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X07575
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: M & H ELEC. CONTR’G. CO. J MAULER
Date: 11/27/1984
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X06059
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: 9/11/1984
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X04446
Status: COMPLETED
Valuation: $0.00
Contractor Company: INTERCITY ELEC'L CONTR'G I COLEMAN
Contractor Name:

Date: 8/17/1984
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X03982
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: RIALTO CONSTR. CORP. D LEHMAN, RIALTO CONSTR. CORP. M ROSOFSKY
Contractor Name:
ADJOINING PROPERTY FINDINGS

Date: 3/6/1984
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: X01084  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.
Contractor Name: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.

Date: 3/6/1984
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: X01085  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.
Contractor Name: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.

Date: 3/6/1984
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: X01086  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.
Contractor Name: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.
Date: 3/6/1984
Permit Type: ELECTRICAL

Permit Description:
Work Class:
Proposed Use:
Permit Number: X01089
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.
Contractor Name: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.

Date: 3/6/1984
Permit Type: ELECTRICAL

Permit Description:
Work Class:
Proposed Use:
Permit Number: X01090
Status: COMPLETED
Valuation: $0.00
Contractor Company: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.
Contractor Name: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.
ADJOINING PROPERTY FINDINGS

388-90 GRAND CONCOURSE

Date: 11/2/2005
Permit Type: AL
Description: ALTERATION TYPE 3 - GEN CONSTR
REPLACE EXISTING BULKHEAD WITH NEW DOOR AND FRAME AS SHOWN IN PLANS
PROVIDED. NO CHANGE TO USES, EGRESS OR OCCUPANCY.

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: PERM DESCRIPTION
Permit Number: 201006856-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company: FARRUKH JAVAID
Contractor Name: FARRUKH JAVAID

Date: 4/2/1998
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: Y088123
Proposed Use: Awaiting Inspection Request
Permit Number: Y088123
Status: Awaiting Inspection Request
Valuation: $0.00
Contractor Company: S. J. ELECTRIC INC. MIKE OSMAN, S. J. ELECTRIC INC. VITO CAPIZZO, S. J. ELECTRIC INC. ANTHONY FIGUCC
Contractor Name: S. J. ELECTRIC INC. MIKE OSMAN, S. J. ELECTRIC INC. VITO CAPIZZO, S. J. ELECTRIC INC. ANTHONY FIGUCC
ADJOINING PROPERTY FINDINGS

Date: 12/15/1997
Permit Type: EW
Description: ALTERATION TYPE 2 - CONSTRUCTION
RESPECTFULLY PROPOSE INTERIOR ALTERATIONS AS PER PLANS INCLUDING NEW APARTMENT DOORS, NEW PLYWOOD SUBFLOORING NEW LAMINATED GWB ON EXT'G. PARTITION EXTERIOR ALTERATIONS AS PER PLANS INCLUDES NEW ALUMINUM WINDOWS. NO ELECTRIC OR PLUMBING UNDER THIS APPLICATION.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200302476-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: BARRY BULLARD

Date: 10/28/1997
Permit Type: EW
Description: ALTERATION TYPE 2 - BOILER
REPLACE BOILER & BURNER. INSTALL GAS LINE. CONNECT GAS LINE TO BURNER NO CHANGE TO EGRESS, OCCUPANCY OR USE

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: BOILER
Permit Number: 200439445-01-EW-BL
Status: ISSUED
Valuation: $0.00
Contractor Company: VITO LAURO
ADJOINING PROPERTY FINDINGS

Date: 10/28/1997
Permit Type: EW
Description:

Permit Description: EQUIPMENT WORK
Work Class: 
Proposed Use: FUEL BURNING
Permit Number: 200439445-01-EW-FB
Status: 
Valuation: $0.00
Contractor Company: 
Contractor Name:  

Date: 10/28/1997
Permit Type: PL
Description:

Permit Description: PLUMBING - ALTERATION TYPE 2
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: REPLACE BOILER & BURNER. INSTALL GAS LINE. CONNECT GAS LINE TO BURNER
NO CHANGE TO EGRESS, OCCUPANCY OR USE
Permit Number: 200439445-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: VITO LAURO
ADJOINING PROPERTY FINDINGS

Date: 3/27/1997
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED INSTALLATION OF SHED: 100 FT. LONG AT GR AND CONCOURSE, DURING FACACE REPAIR. WORK SHALL COMPLY WITH LL33/91. NO CHANGE IN USE, EGRESS OR OCCUPANCY

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 200416273-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: KEN BUTTNER
Contractor Name: KEN BUTTNER

Date: 9/1/1996
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y109100
Status: COMPLETED
Valuation: $0.00
Contractor Company: CLASSIC ELECTRIC INC. ARTHUR BATSIDIS
Contractor Name: CLASSIC ELECTRIC INC. ARTHUR BATSIDIS
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**Permit Description:**

**Work Class:**

**Proposed Use:**

**Permit Number:** Y070168

**Status:** CLOSED/CANCELLED

**Valuation:** $0.00

**Contractor Company:**

**Contractor Name:** THORN ELECTRIC INC. LAWRENCE THORNE

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**Permit Description:**

**Work Class:**

**Proposed Use:**

**Permit Number:** Y066667

**Status:** COMPLETED

**Valuation:** $0.00

**Contractor Company:**

**Contractor Name:** CLASSIC ELECTRIC INC. ARTHUR BATSIDIS

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**Permit Description:**

**Work Class:**

**Proposed Use:**

**Permit Number:** Y039583

**Status:** COMPLETED

**Valuation:** $0.00

**Contractor Company:**

**Contractor Name:** M & H ELEC. CONTR’G. CO. J MAULER
Date: 4/8/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y019939
Status: COMPLETED
Valuation: $0.00
Contractor Company: BLAKE ELEC. CONTR. CO., I PETER BLAKE

Date: 6/1/1987
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y012811
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: EAST ELECTRIC OF NYC, INC S AMENGUAL, EAST ELECTRIC OF NYC, INC F GAROFALO

Date: 1/23/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X07575
Status: COMPLETED
Valuation: $0.00
Contractor Company: M & H ELEC. CONTR’G. CO. J MAULER
ADJOINING PROPERTY FINDINGS

Date: 11/27/1984
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X06059
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: 9/11/1984
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X04446
Status: COMPLETED
Valuation: $0.00
Contractor Company: INTERCITY ELEC'L CONTR'G I COLEMAN
Contractor Name:

Date: 8/17/1984
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X03982
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: RIALTO CONSTR. CORP. D LEHMAN, RIALTO CONSTR. CORP. M ROSOFSKY
Contractor Name:
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ADJOINING PROPERTY FINDINGS

Date: 3/6/1984
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class: 
Proposed Use: 
Permit Number: X01089 
Status: CLOSED/CANCELLED 
Valuation: $0.00 
Contractor Company: 
Contractor Name: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.

Date: 3/6/1984
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class: 
Proposed Use: 
Permit Number: X01090 
Status: COMPLETED 
Valuation: $0.00 
Contractor Company: 
Contractor Name: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.
390 GRAND CONCOURSE

Date: 11/21/2002
Permit Type: ELECTRICAL
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y113006  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company: ROBIN ELECTRICAL CO., INC
Contractor Name: ARTHUR ROBIN, LAURENCE ROBIN

Date: 2/19/1998
Permit Type: PL
Description:

Permit Description: PLUMBING - ALTERATION TYPE 2
REPLACE HOT/COLD WATER DOMESTIC PIPING - THUR-OUT DLGD. REPLACE BASEMEN
OVERHEAD MAINS RISERS AND BRANCES, REPLACE VERTICAL STACKS & VENTS. REPLACE VENT RISERS IN ALL APTS. REPLACE EXIST STORM AND SANITARY UNDERGROUND C.I. PIPING REPLACE FIXTURES IN ALL APTS. NO CHANGE IN USE EGRESS OCC.

Work Class: PLUMBING  
Proposed Use: A2 - ALTERATION TYPE 2  
Permit Number: 200246554-01-PL  
Status: ISSUED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: MICHAEL FEIGENBAUM
ADJOINING PROPERTY FINDINGS

Date: 7/7/1995
Permit Type: EQ
Description: ALTERATION TYPE 2 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
INSTALLATION OF SHED: 50- FEET LONG ____________GRAND CONCOURSE &
____________95 FEET LONG ON EAST 144 ST _____________DURING FACADE
REPAIR.
_____________WORK TO COMPLY WITH LL 33/ _____________91.
NO CHANGE IN USE EGRESS OR OCCUPANCY.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SIDEWALK SHED
Permit Number: 200329126-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: Contractor Name: KEN BUTTNER

Date: 8/5/1994
Permit Type: EW
Description: ALTERATION TYPE 2 - PATCHING
REPLACE HOT/COLD WATER DOMESTIC PIPING - THUR-OUT DLGD. REPLACE
BASEMEN
OVERHEAD MAINS RISERS AND BRANCES, REPLA CE VERTICAL STACKS &
VENTS. REPLACE WA
E VENT RISERS IN ALL APTS. REPLACE EXIST STORM AND SANITARY
UNDERGROUND C.I. PI
NG REPLACE FIXTURES IN ALL APTS. NO CHANGE IN USE EGRESS OCC.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200246554-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: Contractor Name: MICHAEL FEIGENBAUM
ADJOINING PROPERTY FINDINGS

Date: 3/12/1991
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y043375
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: ROBIN ELECTRICAL CO., INC ARTHUR ROBIN, ROBIN ELECTRICAL CO., INC LAURENCE ROBIN

Date: 3/6/1990
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y036653
Status: COMPLETED
Valuation: $0.00
Contractor Company: DEPT OF HOUS PRES & DEVEL W MALDONADO, DEPT OF HOUS PRES & DEVEL JOSEPH SPEZIALE
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Date: 7/12/1988  
Permit Type: ELECTRICAL  
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y022796  
Status: CLOSED/CANCELLED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: NORTHERN ELEC'L CONTR'G J TAGLIAFERRO

Date: 7/6/1988  
Permit Type: ELECTRICAL  
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y022795  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: NORTHERN ELEC'L CONTR'G J TAGLIAFERRO

Date: 4/21/1988  
Permit Type: ELECTRICAL  
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y020188  
Status: COMPLETED  
Valuation: $0.00  
Contractor Company:  
Contractor Name: PRECISION ELEC'L CONTR'G PAUL ORTON
ADJOINING PROPERTY FINDINGS

Date: 3/16/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y019930
Status: COMPLETED
Valuation: $0.00
Contractor Company: NORTHERN ELEC'L CONTR'G J TAGLIAFERRO

Date: 3/15/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y019882
Status: COMPLETED
Valuation: $0.00
Contractor Company: S. A. RANKIN ELEC. CO., I S RANKIN, S. A. RANKIN ELEC. CO., I

Date: 10/5/1987
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y015835
Status: COMPLETED
Valuation: $0.00
Contractor Company: M & H ELEC. CONTR’G. CO. J MAULER
ADJOINING PROPERTY FINDINGS

Date: 8/3/1987
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y013623
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: PRECISION ELEC'L CONTR'G PAUL ORTTON

Date: 6/1/1987
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y012812
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company:
Contractor Name: EAST ELECTRIC OF NYC, INC S AMENGUAL, EAST ELECTRIC OF NYC, INC F GAROFALO

Date: 3/14/1987
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y009801
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: INTERCITY ELEC'L CONTR'G I COLEMAN
Date: 1/23/1987
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y008990
Status: COMPLETED
Valuation: $0.00
Contractor Company: NORTHERN ELEC'L CONTR'G J TAGLIAFERRO

Date: 12/29/1986
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y007885
Status: COMPLETED
Valuation: $0.00
Contractor Company: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

Date: 10/21/1986
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y005899
Status: COMPLETED
Valuation: $0.00
Contractor Company: PRECISION ELEC'L CONTR'G PAUL ORTTON
Date: 9/29/1986
Permit Type: ELECTRICAL

Permit Description:

Work Class:

Proposed Use:

Permit Number: Y005513
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: ZEV ELECTRIC CORP. A TAUROG, ZEV ELECTRIC CORP. LEONARD FISHBAUM, ZEV ELECTRIC CORP. JOSHUA GUTTMAN

Date: 8/12/1986
Permit Type: ELECTRICAL

Permit Description:

Work Class:

Proposed Use:

Permit Number: Y003880
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

Date: 7/3/1986
Permit Type: ELECTRICAL

Permit Description:

Work Class:

Proposed Use:

Permit Number: Y003261
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: BLAKE ELEC. CONTR. CO., I PETER BLAKE
ADJOINING PROPERTY FINDINGS

Date: 5/30/1986
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y002563
Status: COMPLETED
Valuation: $0.00
Contractor Company: ZEV ELECTRIC CORP. A TAUROG, ZEV ELECTRIC CORP. LEONARD FISHBAUM, ZEV ELECTRIC CORP. JOSHUA GUTTMAN

Date: 5/19/1986
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y001525
Status: COMPLETED
Valuation: $0.00
Contractor Company: ACTIVE WIRING CO., INC. B MEIOWITZ, ACTIVE WIRING CO., INC. MARVIN COHN

Date: 5/12/1986
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y001671
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: SOLAR ELECTRIC CORP. W MARTINEZ
ADJOINING PROPERTY FINDINGS

Date: 5/5/1986
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y000901
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.

Date: 1/16/1986
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X14592
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: INTERCITY ELEC'L CONTR'G I COLEMAN

Date: 1/13/1986
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X14500
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: SOLAR ELECTRIC CORP. W MARTINEZ
ADJOINING PROPERTY FINDINGS

Date: 12/27/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X14338
Status: COMPLETED
Valuation: $0.00
Contractor Company: RAYMOR ELECTRIC CORP. SEYMOUR FRANK

Date: 3/20/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X08398
Status: COMPLETED
Valuation: $0.00
Contractor Company: CARMELO TRAPANI C TRAPANI

Date: 1/14/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X07756
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: KONSKER ELECTRIC CORP. JEROME KONSKER, KONSKER ELECTRIC CORP.
Date:           10/30/1984  
Permit Type:    ELECTRICAL  
Description:   
Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: X05420  
Status:        COMPLETED  
Valuation:     $0.00  
Contractor Company: 
Contractor Name: INTERCITY ELEC'L CONTR'G I COLEMAN

Date:           9/25/1984  
Permit Type:    ELECTRICAL  
Description:   
Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: X04698  
Status:        COMPLETED  
Valuation:     $0.00  
Contractor Company: 
Contractor Name: SOLAR ELECTRIC CORP. W MARTINEZ

Date:           9/18/1984  
Permit Type:    ELECTRICAL  
Description:   
Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: X04578  
Status:        COMPLETED  
Valuation:     $0.00  
Contractor Company: 
Contractor Name: SOLAR ELECTRIC CORP. W MARTINEZ
ADJOINING PROPERTY FINDINGS

Date: 11/30/1983
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X00110
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: M & H ELEC. CONTR’G. CO. J MAULER

393 GRAND CONCOURSE

Date: 10/26/2009
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y148826
Status: COMPLETED
Valuation: $0.00
Contractor Company: C-TEC ELECTRIC CORP. CAL CLASSI

Date: 2/24/2009
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y145573
Status: COMPLETED
Valuation: $0.00
Contractor Company: C-TEC ELECTRIC CORP. CAL CLASSI
ADJOINING PROPERTY FINDINGS

Date: 5/29/2008
Permit Type: ELECTRICAL

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y141984
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: C-TEC ELECTRIC CORP. CAL CLASSI

Date: 4/17/2008
Permit Type: ELECTRICAL

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y141434
Status: ADMINISTRATIVELY CLOSED (MINOR WORK)
Valuation: $0.00
Contractor Company:
Contractor Name: C-TEC ELECTRIC CORP. CAL CLASSI

Date: 11/14/2007
Permit Type: ELECTRICAL

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y139212
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company:
Contractor Name: BOROWIDE ELECT'L CONTR'S GREGORY PAPANTONIOU
424 GRAND CONCOURSE

Date: 12/8/2014
Permit Type: EW
Description:

Permit Description: EQUIPMENT WORK
Work Class: 
Proposed Use: FUEL BURNING
Permit Number: 240082913-01-EW-FB
Status: 
Valuation: $0.00
Contractor Company: 
Contractor Name: 

Date: 12/8/2014
Permit Type: EW
Description: ALTERATION TYPE 2 - FUEL STORAGE
REPLACE OIL BURNER WITH GAS/OIL BURNER ON EXISTING LOW PRESSURE BOILER. CHANGE GRADE OF FUEL FROM #4 TO #2. NO CHANGE IN USE, OCCUPANCY OR EGRESS.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FUEL STORAGE
Permit Number: 240082913-01-EW-FS
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: RICHARD MORTMAN
ADJOINING PROPERTY FINDINGS

Date: 12/8/2014
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
REPLACE OIL BURNER WITH GAS/OIL BURNER ON EXISTING LOW PRESSURE
BOILER. CHANGE
GRADE OF FUEL FROM #4 TO #2. NO CHANGE IN USE, OCCUPANCY OR EGRESS.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: 
Permit Number: 240082913-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: STUART ISER

Date: 3/28/2012
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN. CONSTR.
TOTAL GAS REPIPE FOR 28 APARTMENTS WITH ONE BOILER PILOT. NO
CHANGE IN EGRESS,
OCCUPANCY OR USE.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220176137-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: RICHARD KOFSKY
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TOTAL GAS REPIPE FOR 28 APARTMENTS WITH ONE BOILER PILOT. NO CHANGE IN EGRESS, OCCUPANCY OR USE. |

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| Description:  | PLUMBING - ALTERATION TYPE 2
INSTALL NEW COMMERCIAL GAS FIRED COOKING EQUIPMENT, METAL DUCT UP TO ROOF & GAS SHUT-OFF VALVE. ONE NEW HAND SINK- UNDER COUNTER. NO CHANGE IN USE EGRESS OCC. |
| Permit Description: | PLUMBING |
| Work Class:   | A2 - ALTERATION TYPE 2 |
| Proposed Use: |            |
| Permit Number:| 20029471-01-PL |
| Status:       | ISSUED     |
| Valuation:    | $0.00      |
| Contractor Company: | LLOYD JACKSON |
| Contractor Name: |            |

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ADJOINING PROPERTY FINDINGS

Date: 8/14/1992
Permit Type: PL
Description:

PLUMBING - ALTERATION TYPE 2
INSTALL NEW STOREFRONT & NEW HANDICAPPED TOILET IN EXISTING STORE AS PE
PLAN FILED HEREWITH. NO CHANGE IN EXISTING EGRESS, USE OR OCCUPANCY UNDER THIS APPLICATION.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use:
Permit Number: 200153699-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: MICHAEL CATSIAMLIS
Contractor Name:

Date: 6/11/1992
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y052566
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: N. S. ELEC'L CORP. N SHUMAN
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| Description:  | ALTERATION TYPE 2 - CONSTRUCTION EQUIPMENT - FENCE  
                INSTALL NEW STOREFRONT & NEW HANDICAPPED TOILET IN EXISTING STORE AS PE  
                PLAN FILED HEREWITH. NO CHANGE IN EXISTING EGRESS, USE OR OCCUPANCY UNDER THIS APPLICATION. |
| Permit Description: | CONSTRUCTION EQUIPMENT |
| Work Class:   | A2 - ALTERATION TYPE 2 |
| Proposed Use: | FENCE |
| Permit Number:| 200153699-01-EQ-FN |
| Status:       | ISSUED |
| Valuation:    | $0.00 |
| Contractor Company: | GERARDO BOHORQUEZ |
| Contractor Name: | GERARDO BOHORQUEZ |

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                INSTALL NEW STOREFRONT & NEW HANDICAPPED TOILET IN EXISTING STORE AS PE  
                PLAN FILED HEREWITH. NO CHANGE IN EXISTING EGRESS, USE OR OCCUPANCY UNDER THIS APPLICATION. |
| Permit Description: | EQUIPMENT WORK |
| Work Class:   | A2 - ALTERATION TYPE 2 |
| Proposed Use: | OTHER CONSTRUCTION EQUIPMENT |
| Permit Number:| 200153699-01-EW-OT |
| Status:       | ISSUED |
| Valuation:    | $0.00 |
| Contractor Company: | GERARDO BOHORQUEZ |
| Contractor Name: | GERARDO BOHORQUEZ |
Date: 1/5/1990
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y034415
Status: COMPLETED
Valuation: $0.00
Contractor Company: O.M. ELECTRIC INC. RAFAEL SEPULVEDA, O.M. ELECTRIC INC. MARK OSTROVSKY

Date: 3/14/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y019318
Status: COMPLETED
Valuation: $0.00
Contractor Company: O.M. ELECTRIC INC. RAFAEL SEPULVEDA, O.M. ELECTRIC INC. MARK OSTROVSKY

Date: 3/14/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y019350
Status: COMPLETED
Valuation: $0.00
Contractor Company: SEPELCO EL. CONTR CO INC. RAFAEL SEPULVEDA
Date: 2/4/1988
Permit Type: ELECTRICAL

Proposed Use: Y018421
Status: COMPLETED
Valuation: $0.00
Contractor Company: ALL ELEC. SERVICE CORP. R MIGLIACCIO

Date: 11/16/1987
Permit Type: ELECTRICAL

Proposed Use: Y016299
Status: COMPLETED
Valuation: $0.00
Contractor Company: ALCO ELEC. CO., INC. HENRY MOSES, ALCO ELEC. CO., INC. ROBERT MOSES
425 GRAND CONCOURSE

Date: 12/9/2015
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - FENCE
METAL CHAIN LINK FENCE AS SHOWN ON PLANS. NO CHANGES TO USE,
EGRESS OR OCCUPANCY. HPD MEMO # EDG00313.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: FENCE
Permit Number: 240125468-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company: VIKRAM GOGNA
Contractor Name: VIKRAM GOGNA

Date: 6/29/2015
Permit Type: DM
Description: FULL DEMOLITION - DEMOLITION OF STRUCTURE

Permit Description: DEMOLITION & REMOVAL
Work Class: DM - FULL DEMOLITION
Proposed Use: DM - FULL DEMOLITION
Permit Number: 220396006-01-DM
Status: ISSUED
Valuation: $0.00
Contractor Company: ANNMARIE RUSSO
Contractor Name: ANNMARIE RUSSO
ADJOINING PROPERTY FINDINGS

Date: 2/6/2015
Permit Type: EQ
Description: FULL DEMOLITION - CONSTRUCTION EQUIPMENT - FENCE DEMOLITION OF STRUCTURE
Permit Description: CONSTRUCTION EQUIPMENT
Work Class: DM - FULL DEMOLITION
Proposed Use: FENCE
Permit Number: 220396006-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company: ANNMARIE RUSSO

Date: 2/3/2015
Permit Type: EW
Description: ALTERATION TYPE 2 - STANDPIPE REMOVE SPRINKLER SYSTEM AND STAND PIPE SYSTEM AS PER FDNY VARIANCE. NO CHANGE TO EGRESS OCCUPANCY OR USE INVOLVED IN THIS APPLICATION
Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: STAND PIPE
Permit Number: 220425449-01-EW-SD
Status: ISSUED
Valuation: $0.00
Contractor Company: KEVIN J GILLEN
**ADJOINING PROPERTY FINDINGS**

**Date:** 2/3/2015  
**Permit Type:** EW  
**Description:** ALTERATION TYPE 2 - SPRINKLER  
REMOVE SPRINKLER SYSTEM AND STAND PIPE SYSTEM AS PER FDNY VARIANCE. NO CHANGE TO EGRESS OCCUPANCY OR USE INVOLVED IN THIS APPLICATION

**Permit Description:** EQUIPMENT WORK  
**Work Class:** A2 - ALTERATION TYPE 2  
**Proposed Use:** SPRINKLER  
**Permit Number:** 220425449-01-EW-SP  
**Status:** ISSUED  
**Valuation:** $0.00  
**Contractor Company:** KEVIN J GILLEN

**Date:** 1/12/2012  
**Permit Type:** EQ  
**Description:** ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED  
INSTALLATION OF HEAVY DUTY SIDEWALK SHED AS PER PLANS. NO CHANGE IN USE, EGRESS, OR OCCUPANCY. WORK SHALL COMPLY WITH 2008 BUILDING CODE CHAPTER 33

**Permit Description:** CONSTRUCTION EQUIPMENT  
**Work Class:** A3 - ALTERATION TYPE 3  
**Proposed Use:** SIDEWALK SHED  
**Permit Number:** 220163524-01-EQ-SH  
**Status:** ISSUED  
**Valuation:** $0.00  
**Contractor Company:** JOANNE PANTANELLI
**ADJOINING PROPERTY FINDINGS**

Date: 3/21/2011  
Permit Type: EQ  
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED  
INSTALL SIDEWALK BRIDGE 65 FT LONG AT GRAND CONCOURSE. DURING REMEDIAL REPAIRS. WORK SHALL COMPLY WITH LL33/91. NO CHANGE IN USE EGRESS OR OCCUPANCY FILED ON THIS JOB.

Permit Description: CONSTRUCTION EQUIPMENT  
Work Class: A3 - ALTERATION TYPE 3  
Proposed Use: SIDEWALK SHED  
Permit Number: 210033042-01-EQ-SH  
Status: ISSUED  
Valuation: $0.00  
Contractor Company: JERIMIAH HARRINGTON

Date: 11/3/2008  
Permit Type: ELECTRICAL  
Description:

Permit Description:  
Work Class:  
Proposed Use:  
Permit Number: Y144252  
Status: AWAITING INSPECTION REQUEST  
Valuation: $0.00  
Contractor Company: STANCO SYSTEM ELEC'L CONT ANTHONY PRAVATO, STANCO SYSTEM ELEC'L CONT CHARLES DAMBROSE
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| Description| ALTERATION TYPE 2 - GC  
PS31 REMOVE DETERIORATED RETAINING PARAPET WALL, REMOVE & STORE COPING S  
TONES OF THE PARAPET IN REAR YARD, EXIST RUBBLE, RUBBLE RETAINING WALL TO REMAIN  
, PATCH EDGE OF BEAM w/REPAIR MORTAR, INSTALL WOOD BLOCKING & CONTINUOUS EDPM TO WATERPROOF & SEAL SEAMS w/MANUFACTURERS ADHESIVE PLUS CHAIN LINK FENCE w/POST |
| Permit Description| EQUIPMENT WORK |
| Work Class | A2 - ALTERATION TYPE 2 |
| Proposed Use| OTHER CONSTRUCTION EQUIPMENT |
| Permit Number| 200884212-01-EW-OT |
| Status    | ISSUED     |
| Valuation | $0.00      |
| Contractor Company| MARK BALABAN |
| Contractor Name| MARK BALABAN |

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PS31 SIDEWALK-SHED @ 200884212 SCHOOL JOB |
<p>| Permit Description| CONSTRUCTION EQUIPMENT |
| Work Class | A3 - ALTERATION TYPE 3 |
| Proposed Use| SIDEWALK SHED |
| Permit Number| 200884365-01-EQ-SH |
| Status    | ISSUED     |
| Valuation | $0.00      |
| Contractor Company| HAROON SHEIKH |
| Contractor Name| HAROON SHEIKH |</p>
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<td>E. FITZGERALD ELEC CO INC EUGENE FITZGERALD, E. FITZGERALD ELEC CO INC PAUL DALY</td>
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ADJOINING PROPERTY FINDINGS

Date: 8/24/2000
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use: Y100969
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company: E. FITZGERALD ELEC CO INC
Contractor Name: EUGENE FITZGERALD, E. FITZGERALD ELEC CO INC
PAUL DALY

Date: 1/20/1999
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use: Y092344
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company: E. FITZGERALD ELEC CO INC
Contractor Name: EUGENE FITZGERALD, E. FITZGERALD ELEC CO INC
PAUL DALY
### ADJOINING PROPERTY FINDINGS

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<td>ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SCAFFOLD INSTALLATION OF SCAFFOLD 171' LONG BY 72' HIGH DURING FACADE REPAIR. NO CHANGE IN USE, EGRESS OR OCCUPANCY.</td>
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ADJOINING PROPERTY FINDINGS

Date: 7/29/1997
Permit Type: EW
Description: ALTERATION TYPE 2 - SITWORK
PS 31X PREPARATION OF SITE TO RECEIVING THE TEMPORARY & TRANSPORTABLE STRUCTURES AS SHOWN ON THE ARCHITECTURAL PLANS. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200391487-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: CLAUDIA GRZIC
Contractor Name: CLAUDIA GRZIC

Date: 7/29/1997
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
PS 31X INSTALLATION OF NEW PIPING FROM MAIN BUILDING TO TEMPORARY CLASS ROOM UNITS AS SHOWN ON PLUMBING DRAWINGS. NO CHANGE IN USE, EGRESS OR OCCUPANCY UNDER THIS APPLICATION.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200391487-02-PL
Status: WITHDRAWN
Valuation: $0.00
Contractor Company: GEORGE ROBINSON
Contractor Name: GEORGE ROBINSON
ADJOINING PROPERTY FINDINGS

Date: 7/7/1997
Permit Type: ELECTRICAL
Description:

Permit Description: ADJOINING PROPERTY FINDINGS
Work Class: 
Proposed Use: 
Permit Number: Y084129
Status: LOCATION PROBLEM
Valuation: $0.00
Contractor Company: ISTRA ELECTRIC CORP.
Contractor Name: STEVEN DUFFY

Date: 6/2/1997
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SCAFFOLD INSTALLATION OF SCAFFOLD (2) 20' LONG SECTIONS 50' HIGH DURING FACADE REPAIR. NO CHANGE IN USE, EGRESS, OR OCCUPANCY.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SCAFFOLD
Permit Number: 200424102-01-EQ-SF
Status: ISSUED
Valuation: $0.00
Contractor Company: RICHARD MUGLER
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<td>3/3/1994</td>
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<td>E. FITZGERALD ELEC CO INC EUGENE FITZGERALD, E. FITZGERALD ELEC CO INC PAUL DALY</td>
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<td>3/19/1993</td>
<td>ELECTRICAL</td>
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<td>DOUGLAS PASKOR INC. DOUGLAS PASKOR</td>
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<td>10/22/1991</td>
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ADJOINING PROPERTY FINDINGS

Date: 8/1/1990
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y039024
Status: COMPLETED
Valuation: $0.00
Contractor Company: GEORGE F. KOLSCH, INC. D WINDLE, GEORGE F. KOLSCH, INC. E SCHWEPPE

Date: 3/1/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y017624
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: H & C WESSLER CORP H WESSLER

Date: 2/1/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y018403
Status: COMPLETED
Valuation: $0.00
Contractor Company: MICHAEL STAHL & SON ELECT MARVIN STAHL
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| Permit Description: | | |
| Work Class: | | |
| Proposed Use: | | |
| Permit Number: | Y005545 |
| Status: | COMPLETED |
| Valuation: | $0.00 |
| Contractor Company: | H & C WESSLER CORP H WESSLER |
| Contractor Name: | | |

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| Permit Description: | | |
| Work Class: | | |
| Proposed Use: | | |
| Permit Number: | X12785 |
| Status: | CLOSED/CANCELLED |
| Valuation: | $0.00 |
| Contractor Company: | TOCS ELEC'L CONTR'G CORP. A SCOTT |
| Contractor Name: | | |

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| Permit Description: | | |
| Work Class: | | |
| Proposed Use: | | |
| Permit Number: | X09212 |
| Status: | COMPLETED |
| Valuation: | $0.00 |
| Contractor Company: | BAND ELECTRIC CONTR. CORP G YOUNG |
| Contractor Name: | | |
ADJOINING PROPERTY FINDINGS

Date: 5/13/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X09214
Status: COMPLETED
Valuation: $0.00
Contractor Company: BAND ELECTRIC CONTR. CORP G YOUNG
Contractor Name:

Date: 1/30/1985
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X14945
Status: COMPLETED
Valuation: $0.00
Contractor Company: CHRIST GATZONIS ELEC. CON C GATZONIS
Contractor Name:

Date: 12/12/1984
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: X06392
Status: COMPLETED
Valuation: $0.00
Contractor Company: TOCS ELEC'L CONTR'G CORP. A SCOTT
Contractor Name:
ADJOINING PROPERTY FINDINGS

Date: 11/20/1984
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use: X05915
Status: COMPLETED
Valuation: $0.00
Contractor Company: HELLER ELECTRIC CO., INC. MORRIS HELLER
Contractor Name:

Date: 3/12/1984
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use: X03993
Status: COMPLETED
Valuation: $0.00
Contractor Company: APPLIED ELEC. CORP. LAWRENCE HERMAN
Contractor Name:
ADJOINING PROPERTY FINDINGS

430 GRAND CONCOURSE

Date: 7/22/2015
Permit Type: EW
Description: ALTERATION TYPE 2 - FIRE SUPPRESSION
INSTALLING FIRE SUPPRESSION SYSTEM ONLY. THERE WILL BE NO CHANGE IN
USE EGRESS
OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FIRE SUPPRESSION
Permit Number: 220456316-01-EW-FP
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: PETER MARTINEZ

Date: 4/1/2015
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class: ACTIVE
Proposed Use:
Permit Number: Y172557
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company:
Contractor Name: HECMAR ELECTRIC HECTOR MEJIA
ADJOINING PROPERTY FINDINGS

Date: 3/25/2015
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC
INSTALLING NEW COMMERCIAL ELECTRIC COOKING EQUIPMENT AND
HOOD/DUCT EXHAUST
SYSTEM. THERE WILL BE NO CHANGE IN USE EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 220446015-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company: Contractor Name: LESTER MARCUS

Date: 5/9/2012
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN. CONSTR.
TOTAL GAS REPIPE FOR 28 APARTMENTS. NO CHANGE IN EGRESS,
OCCUPANCY OR USE.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220176128-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: Contractor Name: RICHARD KOFSKY
ADJOINING PROPERTY FINDINGS

Date: 5/9/2012
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
TOTAL GAS REPIPE FOR 28 APARTMENTS. NO CHANGE IN EGRESS, OCCUPANCY OR USE.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: 
Permit Number: 220176128-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: RICHARD L KOFSKY

Date: 12/28/2006
Permit Type: SG
Description: SIGN - INSTALL ILLUMINATED ACCESSORY BUSINESS SIGN

Permit Description: SIGN
Work Class: SG - SIGN
Proposed Use: 
Permit Number: 201090504-01-SG
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: CHANG K HAHN
Date: 12/28/2006
Permit Type: SG
Description: SIGN - INSTALL ILLUMINATED, ACCESSORY BUSINESS SIGN

Permit Description: SIGN
Work Class: SG - SIGN
Proposed Use: 
Permit Number: 201090513-01-SG
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: CHANG K HAHN

Date: 12/20/2006
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
INSTALL AN EATING & DRINKING ESTABLISHMENT (USE GROUP #6) IN EXISTING COMMERCIAL SPACE ON 1ST FLOOR. MINOR PARTITION & PLUMBING WORK. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: 
Permit Number: 201080873-01-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: ERROL SMALL
Date: 12/19/2006
Permit Type: ELECTRICAL

Permit Description: ADJOINING PROPERTY FINDINGS
Work Class: 
Proposed Use: 
Permit Number: Y134460
Status: VIOLATN PENDING AT CONTRACTOR
Valuation: $0.00
Contractor Company: 
Contractor Name: GEORGE HOLNESS

Date: 10/10/2006
Permit Type: EW

Description: INSTALL AN EATING & DRINKING ESTABLISHMENT (USE GROUP #6) IN EXISTING COMMERCIAL SPACE ON 1ST FLOOR. MINOR PARTITION & PLUMBING WORK. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 201080873-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: SAMAD HASHEMI
9/28/2000
ELECTRICAL

Date: 9/28/2000
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y101021
Status: COMPLETED
Valuation: $0.00
Contractor Company: MAXIMUM ELEC'L CONTRG COR ROBERT SPALLINO
Contractor Name: MAXIMUM ELEC'L CONTRG COR ROBERT SPALLINO

4/17/2017
EW
ALTERATION TYPE 2 - MECH/HVAC
REPLACING EXISTING MOTORS AND ADDING VARIABLE SPEED CONTROL FOR MECHANICAL EQUIPMENT AS SHOWN ON DRAWINGS FILED HEREWITH. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Date: 4/17/2017
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC REPLACING EXISTING MOTORS AND ADDING VARIABLE SPEED CONTROL FOR MECHANICAL EQUIPMENT AS SHOWN ON DRAWINGS FILED HEREWITH. NO CHANGE IN USE, EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 220536944-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: AHMAD REYAZ
ADJOINING PROPERTY FINDINGS

Date: 6/24/2016
Permit Type: AL
Description: ALTERATION TYPE 3 - ANTENNA
REPLACEMENT OF EXISTING TELECOMMUNICATIONS ANTENNAS WITH INSTALLATION OF RELATED RRH UNITS ON ROOF. RETROFIT OF CABINET IN EXISTING TELECOMMUNICATIONS ROOM ON 3RD FLOOR. ALL WORK IN COMPLIANCE WITH TPPN 5/98. NO CHANGE TO OCCUPANCY, USE, OR EGRESS.

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 220466252-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company: JAMES JOHANSON

Date: 7/9/2013
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED SIDEWALK SHED AS PER PLANS. NO CHANGE IN USE OCCUPANCY OR EGRESS UNDER THIS APPLICATION. SIDEWALK SHED SHALL COMPLY WITH THE 2008 NYC BUILDING CODE. LIVE LOAD 300 PSF. NO STORAGE ON SIDEWALK SHED

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 240027065-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: RUPINDER KAUR
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<td>Description</td>
<td>ALTERATION TYPE 2 - GEN. CONSTR.</td>
<td>HOSTOS COMMUNITY COLLEGE, ROOF REPLACEMENT &amp; FALL PROTECTION SYSTEM FOR PEDESTRIAN BRIDGE CONNECTING WEST &amp; EAST COMPLEX AS PER THE PLANS FILED.</td>
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<td>Contractor Name</td>
<td>JIMITRIOS BALOMAS</td>
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Date: 10/23/2012
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN. CONSTR
RENOWATION OF 20 TOILET ROOMS TO MEET ADA AND MODIFICATION OF
EXISTING
ROOM/STORAGE SPACE ON BASEMENT INTO AN ADA TOILET. PLUMBING AND
MECHANICAL WORK
FOR THE ABOVE TO BE FILED SUBSEQUENTLY. ASSOCIATED FIRE ALARM
WORK TO BE FILED
SEPARATELY. NO CHANGE TO USE, OCCUPANCY OR EGRESS.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220025899-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: ADAM KUCZYNSKI

Date: 10/23/2012
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC
APPLICANT TAKE RESPONSIBILITY FOR MECHANICAL AND PLUMBING WORK
TYPES.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 220025899-02-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company: ADAM KUCZYNSKI
ADJOINING PROPERTY FINDINGS

Date: 6/18/2012
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC
APPLICATION TO INSTALL NEW AIR HANDLER UNITS ON ROOF, INCLUDING ALL RELATED
CONNECTIONS, AND TO UPGRADE SUPPORT DUNNAGE WHERE NECESSARY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 220201564-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company: AHMAD REYAZ
Contractor Name: AHMAD REYAZ

Date: 6/18/2012
Permit Type: EW
Description: ALTERATION TYPE 2 - GENERAL CONSTR.
SUBSEQUENT FILING TO INCLUDE OT WORK TYPE. REVISE COVER SHEET TO INCLUDE ENERGY
PROGRESSIVE INSPECTIONS ITEMS. REVISE TR-1 TO INCLUDE ENERGY CODE
COMPLIANCE INSPECTIONS.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 220201564-02-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: AHMAD REYAZ
Contractor Name: AHMAD REYAZ
ADJOINING PROPERTY FINDINGS

Date: 6/5/2012
Permit Type: PL
Description: PLUMBING - ALTERATION TYPE 2
APPLICANT TAKE RESPONSIBILITY FOR MECHANICAL AND PLUMBING WORK TYPES.

Permit Description: PLUMBING
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: 
Permit Number: 220025899-02-PL
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: JOSE R ROSA, JR

Date: 8/5/2011
Permit Type: AL
Description: ALTERATION TYPE 3 - ANTENNA
INSTALLATION OF ADDITIONAL CABINET IN EXISTING TELECOMMUNICATIONS ROOM ON 3RD FLOOR. INSTALLATION OF RELATED ANTENNAS ON ROOF. ALL WORK IN COMPLIANCE WITH TPPN 5/98. NO CHANGE TO OCCUPANCY, USE, OR EGRESS.

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: 
Permit Number: 220107104-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company: 
Contractor Name: SEANR O'NEIL
Date: 6/27/2011
Permit Type: EW
Description: ALTERATION TYPE 2 - SPRINKLER MODIFICATION OF EXISTING SPRINKLER SYSTEM IN NEW ADA BATHROOMS IN CONJUNCTION WITH ALTERATION APPLICATION # 220025899.
Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: SPRINKLER
Permit Number: 220031365-01-EW-SP
Status: ISSUED
Valuation: $0.00
Contractor Company: HOWARD M SCHREIER

Date: 5/31/2011
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SCAFFOLD INSTALLATION OF PIPE SCAFFOLD AS PER PLANS. NO CHANGE IN USE OCCUPANCY OR EGRESS UNDER THIS APPLICATION. PIPE SCAFFOLD SHALL COMPLY WITH CHAPTER 33 OF 2008 BUILDING CODE. SIDEWALK SHED FILED UNDER SEPARATE APPLICATION.
Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SCAFFOLD
Permit Number: 220121375-01-EQ-SF
Status: ISSUED
Valuation: $0.00
Contractor Company: PRABJIT SINGH
ADJOINING PROPERTY FINDINGS

Date: 5/27/2011
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
INSTALLATION OF SIDEWALK SHED AS PER PLANS. NO CHANGE IN USE
OCCUPANCY OR EGRESS UNDER THIS APPLICATION. SIDEWALK SHED SHALL COMPLY WITH
2008 BUILDING CODE. LIVE LOAD 300 PSF. NO STORAGE ON SIDEWALK SHED.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 220121428-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: PRABJIT SINGH

Date: 5/13/2011
Permit Type: EQ
Description: ALTERATION TYPE 2 - CONSTRUCTION EQUIPMENT - FENCE
EXTERIOR RENOVATION & FACADE REPAIRS.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FENCE
Permit Number: 220040220-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company: MANJIT SINGH
5/13/2011
EW
ALTERATION TYPE 2 - STRUCTURAL
EXTERIOR RENOVATION & FACADE REPAIRS.

EQUIPMENT WORK
A2 - ALTERATION TYPE 2
OTHER CONSTRUCTION EQUIPMENT
220040220-01-EW-OT
ISSUED
$0.00
MANJIT SINGH

10/9/2008
PL
PLUMBING - ALTERATION TYPE 2
APPLICATION IS FILED FOR INTERIOR RENOVATION OF EXISTING STORE. NO
CHANGE IN
USE, OCCUPANCY OR EGRESS FILED UNDER THIS APPLICATION. ALL WORK AS
PER PLANS
SUBMITTED HEREWITH.

PLUMBING
A2 - ALTERATION TYPE 2
310180942-01-PL
ISSUED
$0.00
THOMAS J HANCOOK
Year: 9/16/2008
Permit Type: EW
Description: ALTERATION TYPE 2 - MECH/HVAC
APPLICATION IS FILED FOR INTERIOR RENOVATION OF EXISTING STORE. NO
CHANGE IN
USE, OCCUPANCY OR EGRESS FILED UNDER THIS APPLICATION. ALL WORK AS
PER PLANS
SUBMITTED HEREWITH.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: MECHANICAL/HVAC
Permit Number: 310180942-01-EW-MH
Status: ISSUED
Valuation: $0.00
Contractor Company: ROBERT VIOLA

Date: 9/16/2008
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN. CONSTR
APPLICATION IS FILED FOR INTERIOR RENOVATION OF EXISTING STORE. NO
CHANGE IN
USE, OCCUPANCY OR EGRESS FILED UNDER THIS APPLICATION. ALL WORK AS
PER PLANS
SUBMITTED HEREWITH.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 310180942-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: ROBERT VIOLA
ADJOINING PROPERTY FINDINGS

Date: 9/15/2007
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y138251
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company:
Contractor Name: ALSON ELEC'L CONTR. INC ALTAF SYED-NAQVI

Date: 2/22/2007
Permit Type: EW
Description: ALTERATION TYPE 2 - FIRE SUPPRESSION
Install kitchen fire suppression system, as shown on plan. No plumbing worktype since electric cooking equipment. No change in use, occupancy, or egress.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: FIRE SUPPRESSION
Permit Number: 302267552-01-EW-FP
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: ANTHONY GURBALL
Date: 7/21/2006
Permit Type: EW
Description: ALTERATION TYPE 2 - GEN CONSTR
PROPOSED INTERIOR RENOVATION OF FOURTHFLOOR WITH MINOR PLUMBING
AND MECHANICAL WORK. ALL AS PER PLANS FILEDHEREWITH. NO CHANGE IN USE,
EGRESS OR OCCUPANCY.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200903111-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: Contractor Name: RAJ KUMAR

Date: 2/27/2006
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y130567
Status: COMPLETED
Valuation: $0.00
Contractor Company: Contractor Name: M & J ELEC'L CONTR'S CORP MICHAEL GATZONIS
ADJOINING PROPERTY FINDINGS

Date: 1/20/2005
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - SIDEWALK-SHED
Installation of 385 linear feet of light duty sidewalk shed for waterproofing and repointing of facade only. All work to comply with LL 33/91. No change of use, egress or occupancy under this application.

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: SIDEWALK SHED
Permit Number: 200839815-01-EQ-SH
Status: ISSUED
Valuation: $0.00
Contractor Company: BALWINDER KAUR
Contractor Name: BALWINDER KAUR

Date: 9/29/2004
Permit Type: EW
Description: ALTERATION TYPE 2 - CONST.
Installation of new roof railing system, removal & replacement of cracked brick, removal & replacement of masonry at counter flashing, removal & reinstallation of wall paneling at bulkhead. There is no change in use, egress or occupancy under this application.

Permit Description: EQUIPMENT WORK
Work Class: A2 - ALTERATION TYPE 2
Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200839496-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: ARTISTIDES PANAS
Contractor Name: ARTISTIDES PANAS
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<tr>
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ADJOINING PROPERTY FINDINGS

Date: 11/18/2001
Permit Type: ELECTRICAL
Description:

Permit Description: LETTERA SIGN & ELEC CO IN F LIA, LETTERA SIGN & ELEC CO IN RICHARD NANNETTI
Work Class: Proposed Use: Y106706
Status: COMPLETED
Valuation: $0.00
Contractor Company: CONTRACTOR COMPANY
Contractor Name: LETTERA SIGN & ELEC CO IN F LIA, LETTERA SIGN & ELEC CO IN RICHARD NANNETTI

Date: 8/31/2000
Permit Type: EW
Description: ALTERATION TYPE 2 - CONSTR RE BUILD EXISTING STEP AND RETAINING WALL RETAINING HEIGHT AND CONDITIONS. ACIDENT OF TRUCK RUNNING INTO WALL.
Permit Description: EQUIPMENT WORK
Work Class: Proposed Use: OTHER CONSTRUCTION EQUIPMENT
Permit Number: 200636384-01-EW-OT
Status: ISSUED
Valuation: $0.00
Contractor Company: CONTRACTOR COMPANY
Contractor Name: BOB JALDZIC
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| Description     | PLUMBING - ALTERATION TYPE 2
|                 | INSTALLATION OF FUEL OIL STORAGE TANK IN CEL. RELOCATION OF WATER TOWER ON ROOF. THERE IS NO CHANGE IN USE, EGR ESS OF OCCUPANCY WITH THIS APPLICATION. |

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|                 | INSTALLATION OF FUEL OIL STORAGE TANK IN CEL. RELOCATION OF WATER TOWER ON ROOF. THERE IS NO CHANGE IN USE, EGR ESS OF OCCUPANCY WITH THIS APPLICATION. |

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<tr>
<td>Contractor Name:</td>
<td>HERB ABRAMOWITZ</td>
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### ADJOINING PROPERTY FINDINGS

**1/19/1993**
- **Permit Type:** EW
- **Description:** ALTERATION TYPE 2 - DUNNAGE
  - INSTALLATION OF FUEL OIL STORAGE TANK IN CEL.
  - RELOCATION OF WATER TOWER ON ROOF.
  - THERE IS NO CHANGE IN USE, EGR ESS OF OCCUPANCY WITH THIS APPLICATION.
- **Permit Description:** EQUIPMENT WORK
- **Work Class:** A2 - ALTERATION TYPE 2
- **Proposed Use:** OTHER CONSTRUCTION EQUIPMENT
- **Permit Number:** 200156400-01-EW-OT
- **Status:** ISSUED
- **Valuation:** $0.00
- **Contractor Company:** SHRI ATTRI
- **Contractor Name:**

**10/1/1992**
- **Permit Type:** ELECTRICAL
- **Description:**
- **Permit Description:**
- **Work Class:**
- **Proposed Use:**
- **Permit Number:** Y055434
- **Status:** COMPLETED
- **Valuation:** $0.00
- **Contractor Company:** FLYNN-HILL ELEVATOR CORP. WILLIAM CASEY
- **Contractor Name:**

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| Permit Description: |           |
| Work Class:         |           |
| Proposed Use:       |           |
| Permit Number:      | X06972    |
| Status:             | COMPLETED |
| Valuation:          | $0.00     |
| Contractor Company: |           |
| Contractor Name:    | J.R.C. ELECTRIC, INC. R CLASS, J.R.C. ELECTRIC, INC. J RISHIK |

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| Permit Description: |           |
| Work Class:         |           |
| Proposed Use:       |           |
| Permit Number:      | X06973    |
| Status:             | COMPLETED |
| Valuation:          | $0.00     |
| Contractor Company: |           |
| Contractor Name:    | J.R.C. ELECTRIC, INC. R CLASS, J.R.C. ELECTRIC, INC. J RISHIK |
WALTON AVE

455 WALTON AVE

Date: 7/17/1989
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y030758
Status: NO ACCESS
Valuation: $0.00
Contractor Company:
Contractor Name: QUEST ELECTRIC CORP. LAWRENCE REGO, QUEST ELECTRIC CORP. RICHARD FEIL

495 WALTON AVE

Date: 3/14/2014
Permit Type: AL
Description: ALTERATION TYPE 3 - ROOF REPAIR
FILING THIS APPLICATION TO REGISTER REPAIR OF ROOF MEMBRANE BY
ADDING ONE LAYER
OF 80# ROOF PAPER, PAINTING WITH TOW COAST OF WEATHERPROOF
ALUMIUNM PAINT AND
REMOVE DOB VIOLATIONS # V060705CER02G, V060705CO101MM AND
V060705IMEGNCY90/05 AS
PER PLANS SUBMITTED.

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use:
Permit Number: 220347097-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: VICTOR ALONSO
ADJOINING PROPERTY FINDINGS

Date: 2/25/2007
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y134794
Status: AWAITING INSPECTION REQUEST
Valuation: $0.00
Contractor Company:
Contractor Name: HELLER ELECTRIC CO., INC. MORRIS HELLE

Date: 9/20/2002
Permit Type: DM
Description: FULL DEMOLITION -

Permit Description: DEMOLITION & REMOVAL
Work Class: DM - FULL DEMOLITION
Proposed Use:
Permit Number: 200737612-01-DM
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: SLAWOMIR KIELCZEWSKI

Date: 9/13/2002
Permit Type: EQ
Description: FULL DEMOLITION - CONSTRUCTION EQUIPMENT - FENCE

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: DM - FULL DEMOLITION
Proposed Use: FENCE
Permit Number: 200737612-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: SLAWOMIR KIELCZEWSKI
ADJOINING PROPERTY FINDINGS

Date: 7/2/2002
Permit Type: EQ
Description: ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - FENCE
CONSTRUCTION FENCE FOR PENDING DEMO (DEM O TO BE FILED ON SEPARATE APP
ATION)

Permit Description: CONSTRUCTION EQUIPMENT
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: FENCE
Permit Number: 200729408-01-EQ-FN
Status: ISSUED
Valuation: $0.00
Contractor Company: SLAWOMIR KIELCZEWSKI
Contractor Name: SLAWOMIR KIELCZEWSKI

Date: 6/17/1998
Permit Type: AL
Description: ALTERATION TYPE 3 - CONST.
FLOOR SLAB REPAIRS NO CHANGE IN USE, EGRESS OR OCCU
PANCY

Permit Description: ALTERATION
Work Class: A3 - ALTERATION TYPE 3
Proposed Use: 
Permit Number: 200514988-01-AL
Status: ISSUED
Valuation: $0.00
Contractor Company: JIM J VALENTINO
Contractor Name: JIM J VALENTINO
Date: 12/6/1992
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y055728
Status: COMPLETED
Valuation: $0.00
Contractor Company: ERA-LOR ELECT CONTG CORP F BALZOFIORE
Contractor Name: ERA-LOR ELECT CONTG CORP F BALZOFIORE

Date: 8/8/1988
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y023087
Status: CLOSED/CANCELLED
Valuation: $0.00
Contractor Company: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE
Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE

Date: 7/24/1987
Permit Type: ELECTRICAL
Description:

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y013405
Status: COMPLETED
Valuation: $0.00
Contractor Company: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE
Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE
ADJOINING PROPERTY FINDINGS

Date: 3/20/1987
Permit Type: ELECTRICAL

Permit Description:
Work Class:
Proposed Use:
Permit Number: Y009883
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE

Date: 12/11/1985
Permit Type: ELECTRICAL

Permit Description:
Work Class:
Proposed Use:
Permit Number: X14122
Status: COMPLETED
Valuation: $0.00
Contractor Company:
Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE
Date: 10/18/1985
Permit Type: ELECTRICAL

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: X12907
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE

Date: 10/2/1985
Permit Type: ELECTRICAL

Permit Description: 
Work Class: 
Proposed Use: 
Permit Number: X12542
Status: COMPLETED
Valuation: $0.00
Contractor Company: 
Contractor Name: LOBELLO ELECT. SERV. CORP F LOBELLO, LOBELLO ELECT. SERV. CORP DENIS DOYLE
General Building Department concepts

- **ICC**: The International Code Council. The governing body for the building/development codes used by all jurisdictions who’ve adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.

- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections)**: This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.

- **Jurisdiction**: This is the geographic area representing the properties over which a Permitting Authority has responsibility.

- **GC**: General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.

- **Sub**: Subordinate contracting companies or subcontractors. Usually a “trades” contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called “trades”).

- **Journeyman**: Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.

- **HVAC (Mechanical, Heating & Air companies)**: HVAC = Heating, Ventilation, and Air Conditioning.

- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release)**: Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other common reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.

- **“Pull” a permit**: To obtain and pay for a building permit.

- **CBO**: Chief Building Official

- **Planning Department**: The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes

- **Zoning Department**: The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.

- **Zoning District**: A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.

- **PIN (TMS, GIS ID, Parcel#)**: Property Identification Number and Tax Map System number.

- **State Card (Business license)**: A license card issued to a contractor to conduct business.

- **Building Inspector (Inspector)**: The inspector is a building department employee that inspects building construction for compliance to codes.

- **C.O.**: Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.
GLOSSARY

Permit Content Definitions

- **Permit Number**: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a “PL” prefix may designate a plumbing permit.

- **Description**: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.

- **Permit Type**: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.
DEPARTMENT OF HOUSING AND BUILDINGS
BOROUGH OF BROOKLYN, CITY OF NEW YORK

TEMPORARY CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C26-181.0 to C26-187.0 inclusive Administrative Code 21.3.1, to 21.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the new—building—premises located at
614-620 Gerard Ave., N.E. Corner—123-129 E. 144th St.
Block 2550 Lot 1

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

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

N.B. CONSTRUCTION CLASS—Nonfireproof

Occupancy classification—COMMERCIAL

Height 1 STY. & 16'7" H. B.

Basement Located in Unrestricted & Use District

Area, CLASS 1 (Height Zone at time of issuance of permit Manufacturing

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals:

PERMISSIBLE USE AND OCCUPANCY

<table>
<thead>
<tr>
<th>STORY</th>
<th>LIVE LOAD</th>
<th>PERSONS ACCOMMODATED</th>
<th>TOTAL</th>
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<td></td>
<td></td>
<td>MALE</td>
<td>FEMALE</td>
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<tr>
<td>Basement On Ground</td>
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<td>4</td>
<td>12</td>
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<tr>
<td>First (West)</td>
<td>120</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>(East) On Ground</td>
<td>8</td>
<td>10</td>
<td>18</td>
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</tbody>
</table>


NOTE: Manufacture of incombustible materials.

NOTE: Fire Department approval of fuel oil installation, sprinkler system and fire-extinguishing equipment received.

CERTIFICATE WILL BE NULL AND VOID IF ALTERED IN ANY MANNER OR ADDITIONS ARE MADE THERETO.

Borough Superintendent

19Z/6/30
NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT.

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structure, parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked “Temporary”, it is applicable only to those parts of the building indicated on its face, and to the legal use and occupancy of only such parts of the building as are subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646P of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent; and that, to the best of the knowledge of the person in whose name these certificates are issued, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

§ 646P. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the Borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy.

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of forty cents per copy.
DEPARTMENT OF HOUSING AND BUILDINGS
BOROUGH OF BRONX, CITY OF NEW YORK

CERTIFICATE OF OCCUPANCY

This certificate supersedes C. O. No. 15257-54

To the owner or owners of the building or premises:

THIS CERTIFIES that the new—_building—premises located at 416-420 Gerard Ave., N.E. Corner of E. 144th St. - 125-129 E. 144th St. Block 2250 Lot 1

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

CERTIFIES FURTHER that, any provisions of Section 6460 of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

B. M. No. 580-56

Occupancy classification—COMMERCIAL

Construction classification—Nonfireproof

Date of completion—1-8-56

Height 1 Story

Located in Unrestricted Use District

Area, Class 1½ Height Zone at time of issuance of permit

This certificate is issued subject to the limitations hereinafter specified and to the following resolutions of the Board of Standards and Appeals:

PERMISSIBLE USE AND OCCUPANCY

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<th>LIVE LOADS</th>
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<td>30</td>
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<tr>
<td>First</td>
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<td></td>
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NOTE—Manufacturing of incombustible materials.

NOTE—Fire Department approval of fuel oil installation, Sprinkler System and Fire-Extinguishing Equipment received.

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

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the use or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioners; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked “Temporary”, it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a full or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with any special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

“§ 646F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy.”

Additional copies of this certificate will be furnished to persons having an interest in the building or premises upon payment of a fee of fifty cents per copy.
APPENDIX F
New York City Planning Commission Zoning Map
APPENDIX G
Aerial Photographs
Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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

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

### Certified Sanborn Results:

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

2007 Source Sheets

2006 Source Sheets

2005 Source Sheets
Sanborn Sheet Key

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

2004 Source Sheets

Volume 9N, Sheet 54 2004
Volume 9N, Sheet 55 2004
Volume 9N, Sheet 56 2004

2003 Source Sheets

Volume 9N, Sheet 54 2003
Volume 9N, Sheet 52 2003
Volume 9N, Sheet 55 2003
Volume 9N, Sheet 56 2003

2002 Source Sheets

Volume 9N, Sheet 52 2002
Volume 9N, Sheet 54 2002
Volume 9N, Sheet 55 2002
Volume 9N, Sheet 56 2002

2001 Source Sheets

Volume 9N, Sheet 52 2001
Volume 9N, Sheet 54 2001
Volume 9N, Sheet 55 2001
Volume 9N, Sheet 56 2001
Sanborn Sheet Key

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

1998 Source Sheets

Volume 9N, Sheet 52 1998
Volume 9N, Sheet 54 1998
Volume 9N, Sheet 55 1998
Volume 9N, Sheet 56 1998

1996 Source Sheets

Volume 9N, Sheet 51 1996
Volume 9N, Sheet 52 1996
Volume 9N, Sheet 54 1996
Volume 9N, Sheet 55 1996
Volume 9N, Sheet 56 1996

1995 Source Sheets

Volume 9N, Sheet 55 1995
Volume 9N, Sheet 56 1995
Volume 9N, Sheet 51 1995
Volume 9N, Sheet 52 1995
Volume 9N, Sheet 54 1995

1994 Source Sheets

Volume 9N, Sheet 51 1994
Volume 9N, Sheet 52 1994
Volume 9N, Sheet 54 1994
Volume 9N, Sheet 55 1994
Volume 9N, Sheet 56 1994
Sanborn Sheet Key

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

### 1993 Source Sheets
- Volume 9N, Sheet 52 1993
- Volume 9N, Sheet 54 1993
- Volume 9N, Sheet 55 1993
- Volume 9N, Sheet 56 1993

### 1992 Source Sheets
- Volume 9N, Sheet 52 1992
- Volume 9N, Sheet 54 1992
- Volume 9N, Sheet 55 1992
- Volume 9N, Sheet 56 1992

### 1991 Source Sheets
- Volume 9N, Sheet 52 1991
- Volume 9N, Sheet 54 1991
- Volume 9N, Sheet 55 1991
- Volume 9N, Sheet 56 1991

### 1989 Source Sheets
- Volume 9N, Sheet 54 1989
- Volume 9N, Sheet 55 1989
- Volume 9N, Sheet 56 1989
Sanborn Sheet Key

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

1986 Source Sheets

- Volume 9N, Sheet 51
  1986
- Volume 9N, Sheet 52
  1986
- Volume 9N, Sheet 54
  1986
- Volume 9N, Sheet 55
  1986
- Volume 9N, Sheet 56
  1986

1984 Source Sheets

- Volume 9N, Sheet 52
  1984
- Volume 9N, Sheet 54
  1984
- Volume 9N, Sheet 55
  1984
- Volume 9N, Sheet 56
  1984

1981 Source Sheets

- Volume 9N, Sheet 52
  1981
- Volume 9N, Sheet 54
  1981
- Volume 9N, Sheet 55
  1981
- Volume 9N, Sheet 56
  1981
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

**1980 Source Sheets**

- Volume 9N, Sheet 51 1980
- Volume 9N, Sheet 52 1980
- Volume 9N, Sheet 54 1980
- Volume 9N, Sheet 55 1980
- Volume 9N, Sheet 56 1980

**1978 Source Sheets**

- Volume 9N, Sheet 51 1978
- Volume 9N, Sheet 52 1978
- Volume 9N, Sheet 54 1978
- Volume 9N, Sheet 55 1978
- Volume 9N, Sheet 56 1978
Sanborn Sheet Key
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1977 Source Sheets
- Volume 9N, Sheet 52
- Volume 9N, Sheet 54
- Volume 9N, Sheet 55
- Volume 9N, Sheet 56

1951 Source Sheets
- Volume 9N, Sheet 52
- Volume 9N, Sheet 54
- Volume 9N, Sheet 55
- Volume 9N, Sheet 56

1947 Source Sheets
- Volume 9N, Sheet 55
- Volume 9N, Sheet 56
- Volume 9N, Sheet 52
- Volume 9N, Sheet 54

1946 Source Sheets
- Volume 9, Sheet 41
- Volume 9, Sheet 42
- Volume 9, Sheet 43
- Volume 9, Sheet 44
Sanborn Sheet Key

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

1944 Source Sheets

Volume 9, Sheet 41 1944
Volume 9, Sheet 42 1944
Volume 9, Sheet 43 1944
Volume 9, Sheet 44 1944

1935 Source Sheets

Volume 9, Sheet 44 1935
Volume 9, Sheet 41 1935
Volume 9, Sheet 42 1935
Volume 9, Sheet 43 1935

1928 Source Sheets

Volume Pier Maps, Sheet 23 1928

1922 Source Sheets

Volume Pier Maps, Sheet 23 1922
Sanborn Sheet Key

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

1908 Source Sheets

- Volume 9, Sheet 41
- Volume 9, Sheet 42
- Volume 9, Sheet 43
- Volume 9, Sheet 44

1903 Source Sheets

- Volume Atlas Maps, Sheet 1
- Volume Atlas Maps, Sheet xxxx

1891 Source Sheets

- Volume 9, Sheet 194
- Volume 9, Sheet 194
- Volume 9, Sheet 205
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 9N, Sheet 56
- Volume 9N, Sheet 55
- Volume 9N, Sheet 54
- Volume 9N, Sheet 52
- Volume 9N, Sheet 51
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 9N, Sheet 56
- Volume 9N, Sheet 55
- Volume 9N, Sheet 54

Site Name: 414 Gerard Ave
Address: 414 Gerard Ave
City, ST, ZIP: Bronx, NY 10451
Client: Langan Engineering, Inc.
Order Date: 08/15/2017
Certification #: 4631-4006-A197
Copyright: 2006
This Certified Sanborn® Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

- Volume 9N, Sheet 54
- Volume 9N, Sheet 52
- Volume 9N, Sheet 56
- Volume 9N, Sheet 55
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 9N, Sheet 56
Volume 9N, Sheet 55
Volume 9N, Sheet 54
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 9N, Sheet 56
Volume 9N, Sheet 55
Volume 9N, Sheet 54
Volume 9N, Sheet 52

Certification # 4631-4906-A19

Site Name: 414 Gerard Ave
Address: 414 Gerard Ave
City, ST, ZIP: Bronx, NY 10451
Client: Langan Engineering, Inc.
EDR Inquiry: 5022723.3
Order Date: 08/15/2017
Certification # 4631-4906-A19
Copyright: 2002

0 Feet 150 300 600

5022723 - 3 page 17
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 9N, Sheet 56
- Volume 9N, Sheet 55
- Volume 9N, Sheet 54
- Volume 9N, Sheet 52
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

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- Volume 9N, Sheet 55
- Volume 9N, Sheet 54
- Volume 9N, Sheet 52
- Volume 9N, Sheet 51
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 9N, Sheet 54
Volume 9N, Sheet 52
Volume 9N, Sheet 51
Volume 9N, Sheet 56
Volume 9N, Sheet 55

Site Name: 414 Gerard Ave
Address: 414 Gerard Ave
City, ST, ZIP: Bronx, NY 10451
Client: Langan Engineering, Inc.
EDR Inquiry: 5022723.3
Order Date: 08/15/2017
Certification #: 4E31-48D6-A197
Copyright: 1995

Order Date: 08/15/2017
Certification #: 4E31-48D6-A197
Copyright: 1995

Vol. 9N, Sheet 54
Vol. 9N, Sheet 52
Vol. 9N, Sheet 51
Vol. 9N, Sheet 56
Vol. 9N, Sheet 55

0 Feet 150 300 600

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

Volume 9N, Sheet 56
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Volume 9N, Sheet 54
Volume 9N, Sheet 52
Volume 9N, Sheet 51
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

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- Volume 9N, Sheet 55
- Volume 9N, Sheet 54
- Volume 9N, Sheet 52
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 9N, Sheet 56
Volume 9N, Sheet 55
Volume 9N, Sheet 54
Volume 9N, Sheet 52
Volume 9N, Sheet 51
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 9N, Sheet 56
- Volume 9N, Sheet 55
- Volume 9N, Sheet 54
- Volume 9N, Sheet 52

Site Name: 414 Gerard Ave
Address: 414 Gerard Ave
City, ST, ZIP: Bronx, NY 10451
Client: Langan Engineering, Inc.
EDR Inquiry: 5022723.3
Order Date: 08/15/2017
Certification #: 4E31-48D6-A197
Copyright: 1984
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This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 9N, Sheet 56
- Volume 9N, Sheet 55
- Volume 9N, Sheet 54
- Volume 9N, Sheet 52
- Volume 9N, Sheet 51

Site Name: 414 Gerard Ave
Address: 414 Gerard Ave
City, ST, ZIP: Bronx, NY 10451
Client: Langan Engineering, Inc.
Order Date: 08/15/2017
Certification #: 4631-0006-A197
Copyright: 1990
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

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Volume 9N, Sheet 55
Volume 9N, Sheet 54
Volume 9N, Sheet 52
Volume 9N, Sheet 51
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Outlined areas indicate map sheets within the collection.
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 9N, Sheet 56
- Volume 9N, Sheet 55
- Volume 9N, Sheet 54
- Volume 9N, Sheet 52
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Client: Langan Engineering, Inc.
Order Date: 08/15/2017
Certification #: 4631-4606-A197
Copyright 1947
This Certified Sanborn® Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 9, Sheet 44
- Volume 9, Sheet 43
- Volume 9, Sheet 42
- Volume 9, Sheet 41
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 9, Sheet 43
Volume 9, Sheet 42
Volume 9, Sheet 41
Volume 9, Sheet 44
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This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.
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This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 9, Sheet 205
- Volume 9, Sheet 194
- Volume 9, Sheet 194

Site Name: 414 Gerard Ave
Address: 414 Gerard Ave
City, ST, ZIP: Bronx, NY 10451
Client: Langan Engineering, Inc.
EDR Inquiry: 5022723
Order Date: 08/15/2017
Certification #: 4531-5965-A117
Copyright: 1891
APPENDIX I
Historical USGS Topographic Quadrangle Maps
414 Gerard Ave
414 Gerard Ave
Bronx, NY 10451

Inquiry Number: 5022723.4
August 15, 2017
EDR Historical Topo Map Report

<table>
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<td>360 W. 31st Street</td>
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<tr>
<td>EDR Inquiry #</td>
<td>Contact: Veronica Zuluaga</td>
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</table>

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Langan Engineering, Inc. were identified for the years listed below. EDR’s Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

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<td>Project:</td>
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Maps Provided:

- 2013
- 1997
- 1979
- 1966
- 1956
- 1947
- 1900
- 1898

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**Topo Sheet Key**
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2013 Source Sheets
![Map Image]
Central Park
2013
7.5-minute, 24000

### 1997 Source Sheets
![Map Image]
Central Park
1997
7.5-minute, 24000
Aerial Photo Revised 1997

### 1979 Source Sheets
![Map Image]
Central Park
1979
7.5-minute, 24000
Aerial Photo Revised 1977

### 1966 Source Sheets
![Map Image]
Central Park
1966
7.5-minute, 24000
Aerial Photo Revised 1966
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1956 Source Sheets

Central Park
1956
7.5-minute, 24000

1947 Source Sheets

Central Park
1947
7.5-minute, 24000
Aerial Photo Revised 1941

1900 Source Sheets

Harlem
1900
15-minute, 62500

1898 Source Sheets

Harlem
1898
15-minute, 62500
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1897 Source Sheets

Harlem
1897
15-minute, 62500
This report includes information from the following map sheet(s).
This report includes information from the following map sheet(s).

SITE NAME: 414 Gerard Ave
ADDRESS: 414 Gerard Ave
Bronx, NY 10451
CLIENT: Langan Engineering, Inc.
This report includes information from the following map sheet(s).

TP, Central Park, 1979, 7.5-minute

0 Miles 0.25 0.5 1 1.5

SITE NAME: 414 Gerard Ave
ADDRESS: 414 Gerard Ave
Bronx, NY 10451

CLIENT: Langan Engineering, Inc.
This report includes information from the following map sheet(s).

SITE NAME: 414 Gerard Ave  
ADDRESS: 414 Gerard Ave  
Bronx, NY 10451  
CLIENT: Langan Engineering, Inc.
This report includes information from the following map sheet(s).

**SITE NAME:** 414 Gerard Ave

**ADDRESS:** 414 Gerard Ave
Bronx, NY 10451

**CLIENT:** Langan Engineering, Inc.
This report includes information from the following map sheet(s).

TP, Central Park, 1947, 7.5-minute

SITE NAME: 414 Gerard Ave
ADDRESS: 414 Gerard Ave
Bronx, NY 10451
CLIENT: Langan Engineering, Inc.
This report includes information from the following map sheet(s).

SITE NAME: 414 Gerard Ave
ADDRESS: 414 Gerard Ave
Bronx, NY 10451
CLIENT: Langan Engineering, Inc.
This report includes information from the following map sheet(s).

- TP, Harlem, 1898, 15-minute

SITE NAME: 414 Gerard Ave
ADDRESS: 414 Gerard Ave
Bronx, NY 10451
CLIENT: Langan Engineering, Inc.
This report includes information from the following map sheet(s).

SITE NAME: 414 Gerard Ave
ADDRESS: 414 Gerard Ave
Bronx, NY 10451
CLIENT: Langan Engineering, Inc.
APPENDIX J
City Directory Abstract
Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1927 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

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

RECORD SOURCES

EDR’s Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

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

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**SELECTED ADDRESSES**

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TARGET PROPERTY INFORMATION

ADDRESS
414 Gerard Ave
Bronx, NY   10451

FINDINGS DETAIL
Target Property research detail.

E 144

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ADJOINING PROPERTY DETAIL

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

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**444 Gerard Ave**

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129 W 144TH ST 31

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### W 144TH ST APT 5B

129 W 144TH ST APT 5B

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TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

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ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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APPENDIX K
Environmental Lien Search
The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders’ offices, registries of deeds, county clerks’ offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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TARGET PROPERTY INFORMATION

ADDRESS
414 Gerard Ave
414 Gerard Ave
Bronx, NY 10451

RESEARCH SOURCE
Source 1:
Bronx county recorder
Bronx, NY

PROPERTY INFORMATION
Deed 1:
Type of Deed: Deed
Title is vested in: 125 East 144 Street Holdings LLC
Title received from: M & N Partners Inc
Deed Dated: 1/14/2016
Deed Recorded: 2/3/2016
Book: NA
Page: na
Volume: na
Instrument: na
Docket: NA
Land Record Comments: see exhibit
Miscellaneous Comments: na
Legal Description: see exhibit
Legal Current Owner: 125 East 144 Street Holdings LLC
Parcel # / Property Identifier: 2350-1
Comments: see exhibit

ENVIRONMENTAL LIEN
Environmental Lien: Found ☐ Not Found X

OTHER ACTIVITY AND USE LIMITATIONS (AULs)
AULs: Found ☐ Not Found X
Deed Exhibit 1
NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2016011800008003004EC151

RECORDEING AND ENDORSEMENT COVER PAGE
PAGE 1 OF 7

Document ID: 2016011800008003
Document Type: DEED
Document Page Count: 5

PRESENTER:
MADISON TITLE AGENCY, LLC
(PICK-UP SDS) AS AGENT FOR STEWART
1125 OCEAN AVENUE
LAKEWOOD, NJ 08701
212-808-9400
BAILAB@MADISONTITLE.COM

RETURN TO:
GREENBERG TRAURIG, LLP
500 CAMPUS DRIVE, SUITE 400
FLORHAM PARK, NJ 07932-9677
MTANY-105648-02 (RV) (SG)

Borough Block Lot Unit Address
BRONX 2350 1 Entire Lot 121 EAST 144 STREET

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA
CRFN ______ or DocumentID ______ or ______ Year ______ Reel ______ Page ______ or File Number ______

PARTIES
GRANTOR/SELLER:
M&N PARTNERS INC.
2135 LAKE AVEUNE
MIAMI BEACH, FL 33140

GRANTEE/BUYER:
125 EAST 144 STREET HOLDINGS LLC
C/O TREETOP DEVELOPMENT LLC, 500 FRANK W.
BURR BLVD #47
TEANECK, NJ 07666

☑ Additional Parties Listed on Continuation Page

FEES AND TAXES
Mortgage:
Mortgage Amount: $ 0.00
Taxable Mortgage Amount: $ 0.00
Exemption:
TAXES:
County (Basic): $ 0.00
City (Additional): $ 0.00
Spec (Additional): $ 0.00
TASF: $ 0.00
MTA: $ 0.00
NYCTA: $ 0.00
Additional MRT: $ 0.00
TOTAL: $ 0.00

Recording Fee: $ 62.00
Affidavit Fee: $ 0.00

Filing Fee: $ 250.00
NYC Real Property Transfer Tax: $ 157,500.00
NYS Real Estate Transfer Tax: $ 24,000.00

RECORDED OR FILED IN THE OFFICE
OF THE CITY REGISTER OF THE
CITY OF NEW YORK
Recorded/Filed 02-03-2016 11:50
City Register File No./CRFN: 2016000037755

City Register Official Signature
PARTIES

GRANTOR/SELLER:
M&N PARTNERSHIP LTD
2135 LAKE AVEUNE
MIAMI BEACH, FL 33140
BARGAIN AND SALE DEED WITHOUT COVENANT AGAINST GRANTOR'S ACTS

as of

THIS INDENTURE, dated January 14, 2016, between M&N Partners Inc., a Florida corporation, as successor in merger to M & N Partnership Ltd., a New York Corporation, having an address at 121-129 East 144th Street, Bronx, New York ("Grantor"), and 125 East 144 Street Holdings LLC, a New York limited liability company, having an address at 60 Treetop Development, LLC, The Glenpointe Centre West, 500 Frank W. Burr Boulevard #47, Teaneck, New Jersey 07666 ("Grantee").

WITNESSETH, that Grantor in consideration of the sum of Ten Dollars ($10.00), and other good and valuable consideration paid by the Grantee, the receipt and sufficiency of which is hereby acknowledged by Grantor, does hereby grant and release and assign forever unto Grantee, and the heirs, successors and assigns of Grantee, that certain plot, piece or parcel of land situate lying and being in the City of New York, County of Bronx, State of New York, known as 121-129 East 144th Street, Brooklyn, New York and as more particularly bounded and described in Exhibit A annexed hereto and made a part hereof (the "Land").

TOGETHER with all right, title and interest of Grantor in and to any and all buildings and improvements located on the Land (the "Improvements");

TOGETHER with all right, title and interest, it any, of Grantor in and to any easements, rights of way, privileges, benefits, appurtenances, hereditaments, strips, gaps and gores, and any and all other rights, if any, thereon or in any way pertaining thereto, including, without limitation, any land lying in the bed of any streets and roads abutting the above-described property to the center lines thereof (the foregoing rights, together with the Land and the Improvements being hereinafter referred to, collectively, as the "Premises");

TO HAVE AND TO HOLD the Premises herein granted, or mentioned and intended so to be, unto Grantee, and the heirs, successors and assigns of Grantee, forever.

BEING the same Premises acquired by Grantor pursuant to Deed, dated October 1, 1984 from Rejoyce Sales Corp., as grantor and Grantor, as grantee, recorded October 12, 1984 in the Bronx County Register's Office in Liber/Reel 563, Page 192.

AND Grantor, in compliance with Section 13 of the Lien Law, covenants that Grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of improvements and will apply the same first to the payment of the cost of improvements before using any part of the total of the same for any other purpose.

IN WITNESS WHEREOF, Grantor has duly executed this deed the day and year first above written.
GRANTOR:

M&N PARTNERS INC.,
a Florida corporation,

By: Myril L. Kaplan
Title: Vice President

ACKNOWLEDGMENT

STATE OF NEW YORK
COUNTY OF NEW YORK

On the 13 day of January, in the year 2016, before me, the undersigned, a Notary Public in and for said State, personally appeared Myril L. Kaplan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

ZLATA FAVER
NOTARY PUBLIC-STATE OF NEW YORK
No. 02FA6187317
Qualified in Richmond County
My Commission Expires May 19, 2016

(Seal)
EXHIBIT A

Legal Description

[Attached Hereafter]
Stewart Title Insurance Company

SCHEDULE A CONTINUED

LEGAL DESCRIPTION

All that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Bronx, County of Bronx, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the northerly side of East 144th Street with the easterly side of Gerard Avenue; and

RUNNING THENCE easterly along said northerly side of East 144th Street, 128.82 feet;

THENCE northerly at right angle to said northerly side of East 144th Street, 98.54 feet to the northerly line of Lot No. 1 in Block No. 2350 on the Tax Map of the County of Bronx;

THENCE westerly along said northerly line of said Lot No. 1, 133.06 feet to said easterly side of Gerard Avenue;

and

THENCE southerly along said easterly side of Gerard Avenue, 98.24 feet to said northerly side of East 144th Street at the corner the point or place of BEGINNING.

NOTE: Being District Section Block(s) 2350 Lot(s) 1 Tax Map of the Borough of Bronx County of Bronx.
NOTE: Lot and Block shown for informational purposes only.

Issued by:
Madison Title Agency, LLC
1125 Ocean Avenue, Lakewood, NJ 08701
Telephone: 212-808-9400 Fax: 212-808-9420

NY Report - Legal Description
BARGAIN & SALE DEED
WITHOUT COVENANT AGAINST GRANTOR'S ACTS

M&N PARTNERS INC., as successor in merger to M&N PARTNERSHIP LTD.

TO

125 EAST 144 STREET HOLDINGS LLC

Section:  --
Block:  2350
Lot:  1
County:  Bronx
Address:  121-129 East 144th Street, Bronx, New York

RECORD AND RETURN TO:

Greenberg Traurig, LLP
500 Campus Drive, Suite 400
Florham Park, NJ 07932-0677
Attention:  David Freylikhman, Esq.
ASSOCIATED TAX FORM ID: 2016011100197

SUPPORTING DOCUMENTS SUBMITTED:

- DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING
- RP - 5217 REAL PROPERTY TRANSFER REPORT
- SMOKE DETECTOR AFFIDAVIT

<table>
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<tr>
<th>Document</th>
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<tbody>
<tr>
<td>DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING</td>
<td>2</td>
</tr>
<tr>
<td>RP - 5217 REAL PROPERTY TRANSFER REPORT</td>
<td>3</td>
</tr>
<tr>
<td>SMOKE DETECTOR AFFIDAVIT</td>
<td>2</td>
</tr>
</tbody>
</table>
Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) Property receiving service: BOROUGH: BRONX BLOCK: 2350 LOT: 1

(2) Property Address: 121 EAST 144 STREET, BRONX, NY 10451

(3) Owner’s Name: 125 EAST 144 STREET HOLDINGS LLC

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner’s responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, at the property address or to an alternate mailing address. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party’s information.

Owner’s Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned “Customer Billing Information”; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner:

Signature: __________________________ Date (mm/dd/yyyy)

Name and Title of Person Signing for Owner, if applicable:

2016011100197101
SIGNATURE RIDER TO
DEPARTMENT OF ENVIRONMENTAL PROTECTION
CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING

OWNER:

125 EAST 144 STREET HOLDINGS LLC,
a New York limited liability company

By: [Signature]

Name: Azriel Mandel
Title: Authorized Signatory

Date: _______
**PROPERTY INFORMATION**

1. **Property Location**: 121 EAST 144 STREET, BRONX 10451
2. **Buyer Name**: M&N PARTNERS INC.
3. **Tax Billing Address**: M&N PARTNERSHIP LTD.
4. **Indicate the number of Assessment Roll parcels transferred on the deed**: 1 # of Parcels OR □ Part of a Parcel
5. **Deed Size**: [ ] FRONT FEET X [ ] DEPT OR [ ] ACRES
6. **Applicable Codes and Checks**:
   - 4A. Planning Board Approval - N/A for NYC
   - 4B. Agricultural District Notice - N/A for NYC
   - Check the boxes below as they apply:
     - 6. Ownership Type is Condominium
     - 7. New Construction on Vacant Land

**SALE INFORMATION**

- **Sale Contract Date**: 10 / 20 / 2015
- **Date of Sale / Transfer**: 1 / 14 / 2016
- **Full Sale Price**: $600,000 (Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations. Please round to the nearest whole dollar amount.)

**ASSESSMENT INFORMATION** - Data should reflect the latest Final Assessment Roll and Tax Bill

- **Building Class**: E, 1
- **Total Assessed Value** (of all parcels in transfer): 422550
- **Borough, Block, and Lot / Roll Identifier(s)**: BRONX 2350 1

**201601110019720108**
CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

C/O TREE TOP DEVELOPMENT LLC 900 FRANK W. BURR BLVD #
47

BUYER'S ATTORNEY

TEANECK NJ 07666

2010011100197291
SIGNATURE RIDER TO NEW YORK CITY
REAL PROPERTY TRANSFER REPORT (RP-5217NYC)

BUYER'S SIGNATURE:

125 EAST 144 STREET HOLDINGS LLC,
a New York limited liability company

By: 

Name: Ariel Mandel
Title: Authorized Signatory

BUYER'S ATTORNEY:

Greenberg Traurig, LLP
Steven D. Fleissig, Esq.
500 Campus Drive, Suite 400
Florham Park, NJ 07932

[Signatures continue on following page]
AFFIDAVIT OF COMPLIANCE
WITH SMOKE DETECTOR REQUIREMENT
FOR ONE- AND TWO-FAMILY DWELLINGS

State of New York

County of

The undersigned, being duly sworn, depose and say under penalty of perjury that they are the grantor and grantee of the real property or of the cooperative shares in a cooperative corporation owning real property located at

121 EAST 144 STREET

BRONX

New York, 2350 1

That the Premises is a one or two family dwelling, or a cooperative apartment or condominium unit in a one- or two-family dwelling, and that installed in the Premises is an approved and operational smoke detecting device in compliance with the provisions of Article 6 of Subchapter 17 of Chapter 1 of Title 27 of the Administrative Code of the City of New York concerning smoke detecting devices;

That they make affidavit in compliance with New York City Administrative Code Section 11-2105 (g). (The signatures of at least one grantor and one grantee are required, and must be notarized).

M+N Partnership

Name of Grantor

Myriam Z. Fayer
Signatures of Grantor

Name of Grantee

Signature of Grantee

Sworn to before me this date of January 20, 2016

NOTARY PUBLIC-STATE OF NEW YORK
No. DZFA618731
Quailed in Richmond County
My Commission Expires May 19, 2016

These statements are made with the knowledge that a willfully false representation is unlawful and is punishable as a crime of perjury under Article 210 of the Penal Law.

NEW YORK CITY REAL PROPERTY TRANSFER TAX RETURNS FILED ON OR AFTER FEBRUARY 6th, 1990, WITH RESPECT TO THE CONVEYANCE OF A ONE- OR TWO-FAMILY DWELLING, OR A COOPERATIVE APARTMENT OR A CONDOMINIUM UNIT IN A ONE- OR TWO-FAMILY DWELLING, WILL NOT BE ACCEPTED FOR FILING UNLESS ACCOMPANIED BY THIS AFFIDAVIT.
SIGNATURE RIDER TO
AFFIDAVIT OF COMPLIANCE WITH SMOKE DETECTOR REQUIREMENT
FOR ONE- AND TWO-FAMILY DWELLINGS

GRANTEE:

125 EAST 144 STREET HOLDINGS LLC,
a New York limited liability company

By:  

Name: Azriel Mandel  
Title: Authorized Signatory

Sworn to and subscribed to before me on this 3rd day of January, 2016

Notary Public

BRIAN GETZLER
NOTARY PUBLIC OF NEW JERSEY  
ID # 2444773
My Commission Expires 4/11/2019
APPENDIX L
Resumes
Jason J. Hayes, PE, LEED AP
Principal
Environmental Engineering

15 years in the industry

Mr. Hayes has experience in New York, New Jersey, Washington D.C., California, Washington, Oregon, Alaska, and Internationally. His experience includes Environmental Protection Agency (EPA), New York State (NYS) Brownfield’s application, investigation, and remediation; New York City Department of Environmental Protection (NYCDEP) and New York City Office of Environmental Remediation (OER) E-designated site application, investigation, and remediation. His expertise also includes Phase I and II Environmental Site Investigations and Assessments; contaminated building cleanup and demolition; Underground Storage Tank (UST) permitting, removal specifications, and closure reporting; soil vapor intrusion investigation and mitigation system design (depressurization systems, etc.); development of groundwater contaminant plume migration models; environmental analysis; and oversight, design and specification generation for remediation operations with contaminants of concern to include polychlorinated biphenyls (PCBs), solvents, mercury, arsenic, petroleum products, asbestos, mold and lead.

Selected Projects

Confidential Location (Remediation for Mercury-Contaminated Site), New York, NY
Confidential Location (Phase II ESI and Remedial Design for Mercury Impacted Site), Brooklyn, NY
NYC School Construction Authority (PCB Remediation), Various Locations, New York, NY
28-29 High Line (Phase I ESA, Phase II ESI, and Environmental Remediation), New York, NY
Georgetown Heating Plant (Phase II ESI and Remedial Design for Mercury Impacted Site), Washington D.C.
268 West Street (BCP Application, RI and RIWP), New York, NY
Confidential Multiple Mixed-Use Tower Location (BCP Application, RI, Phase I ESA, and Phase II ESI), New York, NY
Dock 72 at Brooklyn Navy Yard, Tall Office Building (NYS Voluntary Cleanup Program), Brooklyn, NY
27-21 44th Drive (BCP Application, Remedial Investigation Phase I ESA, and Phase II ESI), Long Island City, NY
Purves Street Development, Tall Residential Building, BCP Application, RAWP, and Phase II ESI, Long Island City, NY
267-273 West 87th Street (BCP Application, Remedial Investigation, RIWP, RAWP), New York, NY
New York Aquarium, Shark Tank and Animal Care Facility (Environmental Remediation), Coney Island, NY
International Leadership Charter School (Environmental Remediation), Bronx, NY
West & Watts (BCP Application), New York, NY

Education

M.S., Environmental Engineering Columbia University
B.S., Chemistry, Environmental Toxicology Humboldt State University
Business Administration (minor) Humboldt State University

Professional Registration

Professional Engineer (PE) in NY
LEED Accredited Professional (LEED AP)
Troxler Certification for Nuclear Densometer Training
CPR and First Aid Certification
OSHA 40-Hour (HAZWOPER)
OSHA HAZWOPER Site Supervisor

Affiliations

US Green Building Council, NYC Chapter (USGBC), Communications Committee
Urban Land Institute (ULI), member
Commercial Real Estate Development Association (NAIOP), member
NYC Brownfield Partnership, member
Hudson Yards Redevelopment (Phase I ESA and Phase II ESI), New York, NY
627 Smith Street (RI and Report), Brooklyn, NY
Gateway Center II Retail (Phase I ESA and Phase II ESI), Brooklyn, NY
261 Hudson Street (Phase I ESA, Phase II ESI, BCP, and RAWP), New York, NY
Riverside Center, Building Two (BCP, Phase I ESA and Phase II ESI), New York, NY
New York Police Academy, (Sub-Slab Depressurization and Vapor Barrier System), College Point, NY
Bronx Terminal Market (BCP, RIWP, RAWP, Phase I ESA and Phase II ESI), Bronx, NY
Jacob Javits Convention Center (Phase I ESA and Phase II ESI), New York, NY
Yankee Stadium Development Waterfront Park (NYSDEC Spill Sites), Bronx, NY
Bushwick Inlet Park (Phase I ESA, Approvals for NYC E-Designation), Brooklyn, NY
Silvercup West (BCP, RIWP, RIR, RAWP, and RAA), Long Island City, NY
29 Flatbush Residential Tower (Groundwater Studies, RIR and RAWP), Brooklyn, NY
Gowanus Village I (BCP, RIWP and RIR), Brooklyn, NY
Sullivan Street Hotel (Site Characterization Study and Owner Representation), New York, NY
Riker's Island Co-Generation Plant (Soil and Soil Vapor Quality Investigations), Bronx, NY
The Shops at Atlas Park (Sub-Slab Depressurization and Vapor Barrier Design), Glendale, NY
Memorial Sloan-Kettering Cancer Center (Subsurface and Soil Vapor Intrusion Investigations), New York, NY
Element West 59th Street (Oversight and Monitoring of Sub-Slab Depressurization and Vapor Barrier Systems), New York, NY
Teterboro Airport (Delineation and Remedial Oversight of Petroleum-Contaminated Soils), Teterboro, NJ
Proposed New York JETS Stadium (Phase I ESA), New York, NY
Former Con Edison Manufactured Gas Plant Sites (Research Reports), New York, NY
7 World Trade Center (Endpoint Sampling and Final Closure Report), New York, NY
Peter Cooper Village, Environmental Subsurface Investigations, New York, NY

Selected Publications, Reports, and Presentations

NYC Mayor’s Office of Environmental Remediation – Big Apple Brownfield Workshop – Presented on Soil Vapor Intrusion Remedies (e.g., SSD Systems, Vapor Barriers, Modified HVAC)

New York City Brownfield Partnership – Presented on environmental considerations and complications of the Hudson yards Development

Waterfront Development Technical Course – Presented on Impacted Waterfront Planning Considerations
15 years in the industry

Mr. Manderbach has experience in New York, New Jersey, Massachusetts, Maine, Rhode Island, New Hampshire, and Connecticut. His recent experience includes New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup, Voluntary Cleanup and Spill Programs, and New York City Office of Environmental Remediation (OER) E-designated site investigation, and remediation. He has managed and performed Phase I and II Environmental Site Assessments; Underground Storage Tank (UST) removals and closures; soil vapor intrusion investigations; and site investigations and remediation. He also has extensive experience with Hazard Ranking System (HRS) evaluations, site assessments, removal actions, and emergency response activities under the EPA Regions I and II Superfund program.

Selected Projects

Brownfield Redevelopment, 520 West 41st Street, New York, NY
Riverside Parcel 1, 3, 4 and 5, Mixed-Use Development, New York, NY
Brownfield Redevelopment, 267-273 West 87th Street, New York, NY
Brownfield Redevelopment, 225 33rd Street, Brooklyn, NY
River Place Residential, SMP Implementation, New York, NY
Mixed-Use Educational/Residential Development, New York, NY
Public Safety Answering Center (PSAC) II, Bronx, NY
American Copper Buildings (616 First Avenue), New York, NY
Environmental Assessments at 430 East 92nd Street, New York, NY
Environmental Assessments at 125th Street and Lenox, New York, NY
Hotel at 70 Park Avenue, New York, NY
Environmental Due Diligence at Mixed-Use Development, 85 Jay Street, Brooklyn, NY
346 Broadway Due Diligence, New York, NY
Liberty Brass Site, 38-01 Queens Boulevard, Long Island City, NY
Environmental Remediation, 42 West Street Residential, Brooklyn, NY
Brownfield Redevelopment, 335 Bond Street, Brooklyn, NY
Residences at 540 West 21st Street, New York, NY
International Leadership Bronx Charter School, Bronx, NY
President Street Properties, Brooklyn, NY
Residential Development, 43-30 24th Street, Long Island City, NY
Mixed-Use Condominium, 505-513 West 43rd Street, New York, NY
685 First Avenue, New York, NY
Columbia University, Manhattanville Development, New York, NY
The Shops at Atlas Park, Glendale, NY
536 West 41st Street, New York, NY
Shore Parkway, Brooklyn, NY
100 West 125th Street, New York, NY
11 North Moore Street, New York, NY
290 West Street, New York, NY

Education
B.A., Environmental Analysis and Policy
Boston University

Professional Registration
Certified Hazardous Materials Manager (CHMM)
40 Hour OSHA (HAZWOPER)

Affiliations
New York Building Congress (NYBC), Young Professionals Committee
American Council of Engineering Companies of New York (ACEC NY) – Emerging Leaders Committee
Ryan Mandebach, CHMM

City University of New York (CUNY), John Jay College Expansion, New York, NY
Queens West Development, Long Island City, NY
United Nations Capital Master Plan, New York, NY
Former Air Products and Chemicals, Inc. Facility, Middlesex, NJ
Lower Manhattan Indoor Dust Test and Clean Program, New York, NY
Former Buckbee-Mears Facility, Cortland, NY
Old Landfill, Norton, MA
Boulter Farm Area, Cumberland, RI
Hollingsworth & Vose Co., Walpole, MA
Chlor-Alkali Facility (Former), Berlin, NH
Limerick Mill Complex, Limerick, ME
Danielson Pike Chlorinated Solvent Sites, Scituate, RI
Tiogue Lake Sediment Contamination Site, Coventry, RI
Atlas Copco Sites, Holyoke, MA
Fisherville Mill, Grafton MA
Hurricane Katrina Federal Disaster Response, New Orleans, LA
Hurricane Ike Federal Disaster Response, Pasadena, TX
15 years in the industry

Mr. Gochenaur is an environmental project manager whose experience includes environmental due diligence, site investigation and remediation, fuel oil storage tank investigation and removal, soil vapor intrusion assessments, in-situ remedial technology, spill closure, vapor barrier and sub-slab depressurization system design and construction, emergency response, environmental and geotechnical site investigations, and health and safety monitoring. He has extensive experience with the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup, Voluntary Cleanup and Spill Programs and New York City Department of Environmental Protection (NYCDEP) “E” Designated and New York City Voluntary Cleanup Program (BCP) sites. His areas of expertise include Phase I Environmental Site Assessments, Phase II Site Investigations, and environmental consulting and oversight on large scale construction projects.

Selected Projects

1525 Bedford Avenue, BCP Gas Station Cleanup and Redevelopment, Crown Heights, NY
535 4th Avenue, BCP Auto Repair Cleanup and Redevelopment, Crown Heights, NY
268 West Street, BCP Redevelopment of Former Commercial and Industrial Site, Tribeca, NY
110 125th Street, Soil Excavation and Remediation, Harlem Neighborhood, New York, NY
NY Aquarium, Shark Exhibit, Soil Characterization and Excavation Oversight, Coney Island Neighborhood, Brooklyn, NY
Former Roseland Ballroom Redevelopment, Soil Characterization and Excavation Oversight, New York, NY
60 West Street, Site investigation and Redevelopment, Greenpoint, New York
42 Crosby Street, “E” Designated Site Investigation and Remediation, New York, NY
New York School Construction Authority, Various Locations, In-House Environmental Consulting, New York Metro Area
EZ Serve Portfolio, GE Capital, Various Phase II Site Investigations, FL, GA, LA and MS
Beth Elohim Child Daycare Center, Lead Based Paint Abatement, Brooklyn, NY
Price Battery, Environmental Protection Agency (EPA) Lead Fallout Superfund Site, Hamburg, PA
Clark Portfolio, GE Capital, Various Phase II Locations, MI, IL, ID and OH
Tops Plaza Portfolio, Prudential Real Estate Investors, Various Phase II Locations, NY

Education
B.S., Environmental Science
University of Florida

Professional Registration
Qualified Environmental Professional (QEP) certified by the Institute of Professional Environmental Practice
40-Hour OSHA (HAZWOPER)
Brian Gochenaur

Cingular Wireless Portfolio, Cingular Wireless, Various Locations Phase I and II Locations, WA
Queens Center Mall Expansion, Remedial Oversight, Elmhurst, NY
Ms. Rogers has over seven years of experience with engineering design and construction oversight. She has worked on the design, modification, and/or permitting of soil vapor extraction systems, groundwater pump and treat systems employing multiple forms of groundwater treatment technology, both new and existing landfills, grading plans for land development sites, and both new and existing stormwater collection systems. Over the course of her career, her responsibilities have included, but are not limited to, design investigations, conceptual model development, cost estimations, permit management, feasibility studies, and construction oversight. She is knowledgeable in the use of several types of computer programs including, but not limited to, AutoCAD Civil 3D, Microsoft ACCESS, Microsoft Excel, Adobe Illustrator, HELP 3.80D, and USACE MCACES II.

Selected Projects

Operation and Maintenance of Remediation Systems, Various Locations, AZ
Design and Construction Oversight of a New Extraction Well, Goodyear, AZ
Low Profile Air Stripper Pilot Test, Goodyear, AZ
Liquid Granular Activated Carbon Pilot Test, Goodyear, AZ
City Irrigation System Operation and Maintenance Manual, Goodyear, AZ
Groundwater Treatment System Construction Completion Report, Goodyear, AZ
Groundwater Treatment System Modifications, Bag Filter Replacement, Goodyear, AZ
Groundwater Treatment System Manifold Replacement, Goodyear, AZ
Groundwater Treatment System Modifications (Low Profile Air Stripper), Goodyear, AZ
Spill Prevention, Control, and Countermeasure Plan, Multiple Oil Storage and Transfer Facilities
Discharge Prevention, Containment, and Countermeasure/Discharge Cleanup and Removal Plan, Multiple Chemical Storage and Transfer Facilities
Biennial Classification Exception Area Certification, Multiple Sites, Various Locations, NJ
Design of Replacement Piping, Goodyear, AZ
Bolkema Fuel Company, Mahwah, NJ
Remediation Alternatives Study, Roseland, NJ
Sacramento Municipal Utility District (SMUD), Feasibility Study, Sacramento, CA
Former Manufacturing Facility, Multiple Closures, TN
Hopkinsville Solid Waste Authority, Hopkinsville, KY
A Better Life, New Community Corporation, Stormwater Plan, Newark, NJ
Helmut E. Muenster Field, Montclair Kimberly Academy, Grading and Stormwater Plan Improvements, Montclair, NJ

Education
B.E., Civil Engineering (Minor: Mathematics)
Vanderbilt University

Professional Registration
Professional Engineer (PE) in NJ
LEED Accredited Professional (LEED AP)

OSHA Hazardous Materials, Health and Safety Training, 40 Hours
OSHA Supervisor Training

FEMA Emergency Management Institute, Introduction to Incident Command System Training (ICS-100)
FEMA Emergency Management Institute, ICS for Single Resources and Initial Action Incident (ICS-200)
TSA Transportation Worker Identification Credential (TWIC)
e-RAILSAFE System Badge
First Aid and CPR

Affiliations
American Society of Civil Engineers (ASCE)
Society of Women Engineers (SWE)
Chi Epsilon
Michele Rogers

Clove Road Apartments at Montclair State University, Site Plan Improvements, Montclair, NJ

Fieldston Community, Paving Plan and Cost Estimating, Bronx, NY
Canyon Agassi, University Heights Charter School, Sub-Slab Drainage System, Newark, NJ
Bergen County New Administration Building, Geo-Pier Installation, Hackensack, NJ
Catholic Cemetery, Site and Grading Plans, Three Sites, NJ
US Foods, Perth Amboy, NJ
Proposed Apartment Building, Stormwater Collection System, Newark, NJ
Residential Property, Wayne, NJ
Residential Property, Passaic, NJ
Former Fenimore Sanitary Landfill, Design of Leachate Collection System, Roxbury, NJ
Model City Facility, Document Review, Model City, NY
Alternative Landfill Cap Design and Construction, Landfill Cap Design, Western Massachusetts
Cumberland Landfill, Part B Permitting, Cumberland County, VA
Landfill Cell Construction, Design, and Permitting, Morris Farm, Landfill (BFI/Allied Waste), Hillsboro, AL
NJDEP Remediation System Permitting, Bolkema Fuel Company, Mahwah, NJ
Title V Permit Application for Revision, Bakery Facility, KY
Old Place Creek Wetland Restoration Design, Staten Island, NY
Treatment of Produced Water, BP Trinidad, Trinidad and Tobago
TECHNICAL SPECIFICATIONS
for
DEMOLITION AND DEBRIS REMOVAL

414 GERARD AVENUE DEMOLITION
BRONX, NY

Prepared For:
Treetop Development
The Glenpointe Centre West
500 Frank W Burr Boulevard
Teaneck, New Jersey 07666

Prepared By:
Langan Engineering and Environmental Services, Inc.
300 Kimball Drive
Parsippany, New Jersey 07054
NJ Certificate of Authorization No.: 24GA27996400

10 January 2018
Langan Project No. 170487001
TABLE OF CONTENTS

Division    Section Title
02060    Building Demolition and Debris Removal
02065    Soil Erosion and Sediment Control
02250    Protection of Existing Utilities
02260    Backfill of Building and Utility Removal Areas

DRAWINGS
CD101    Demolition Plan
CE101    Final Grading and Soil Erosion & Sediment Control Plan

REFERENCE REPORT
Geophysical Engineering Survey Report
SECTION 02060

BUILDING DEMOLITION AND DEBRIS REMOVAL

PART 1 - GENERAL

1.01 APPLICABLE REQUIREMENTS

A. The Contract Drawings and all other Specification Sections along with all provisions included within this Contract package, Instructions to Bidders, and other General Conditions apply to this section.

B. All work performed by the Contractor under this Contract shall comply with all applicable Federal, State, and Local codes, laws, ordinances, regulations, and guidelines for demolition and related work.

C. The Contractor must accept the site as is and shall be deemed to have inspected the site and reviewed all Contract Documents prior to submitting a bid.

1.02 SUMMARY

This Section includes the following:

A. Coordination and acquisition of demolition-related permits

B. Planning and preparation for the Work, including but not limited to:

1. Scheduling of the Work in work phases, including abatement of asbestos and other hazardous materials

2. Demolition, including specification of demolition design, fabrication, and installation of systems as required for demolition.

C. Creation of a secure barrier around the site

D. Abatement of hazardous materials.

E. Demolition and removal of existing building and structures, as indicated.

F. Demolition and removal of selected site elements.

G. Removal and/or abandonment (termination and sealing) of select utilities.

H. On-site concrete and masonry crushing operations.

I. Temporary site stabilization, backfill, and grading for future work.
1.03 RELATED DOCUMENTS AND SECTIONS

A. Refer to Contract Drawings.

B. The Contract drawings are for information purposes only and are not intended to be all-inclusive or to illustrate every and all conditions, details, arrangements, etc. They are to be used in conjunction with a detailed and comprehensive site visit to examine the buildings and actual field conditions.

1.04 SITE AND BUILDING DESCRIPTIONS

A. The site is occupied by a two-story brick building with a partial basement. The site is bound by a one-story brick building and asphalt lot to the north, a three-story brick building to the east, Gerard Avenue to the west and East 144th Street to the south. This Specification pertains to the demolition the entire building and its associated utilities.

1.05 SCOPE OF WORK

A. Overall work under this Contract shall include all labor, materials, equipment, supervision, coordination efforts, permitting costs, certificate costs, services, filing fees, testing costs, security, insurance and all other associated or related items specified herein that are necessary and are required to complete the Work. Work elements shall include, but not be limited to the following:

1. The Contractor shall be deemed to have visited the site and shall accept the site as is.

2. The site was accepted in to the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP); therefore, site remediation will be subject to NYSDEC approval to satisfy requirements of the BCP. The site is also “E” designated by the New York City Planning Commission and site work is subject to New York City office of Environmental Remediation (NYCOER) oversight and approval. Any backfilling shall adhere to OER and NYSDEC requirements and be approved by the owner’s remediation engineer (RE). The contractor shall respond accordingly to advisement of the RE.

3. The Contractor shall carry out the work of this contract placing the safety and protection of the surrounding community and property at the highest priority. The Contractor shall implement specified and any other necessary measures to protect adjacent and on-site properties, buildings, facilities and utilities. The Contractor shall ensure free and safe passage of persons around the area of the demolition as directed by the Owner and the City and State officials. All operations shall be conducted so as to prevent damage to adjacent buildings, structures and other facilities and injury to person, both pedestrian and worker alike.
4. The Contractor shall complete the asbestos and hazardous materials abatement of the building prior to demolition activities (refer to abatement documents for additional information).

5. The Contractor shall install a construction fence with an access gate as shown on the contract drawings in accordance with local and state requirements. The number and location of the access gate may be modified by the Contractor.

6. The Contractor shall install and maintain roadway construction signage and associated traffic measures as required.

7. The Contractor shall be solely responsible for maintaining the security of the project site during all non-working hours, seven days a week.

8. The Contractor shall protect the utilities noted to remain on the contract drawings. All utility locations are approximate and additional utilities may exist. It shall be the Contractor’s responsibility to identify the actual location of all utilizes impacted by this work, and which must be maintained or removed, whether shown or not shown on the contract drawings.

9. The Contractor shall implement a rodent and vermin control plan.

10. The Contractor shall remove and dispose of all contents of the building to be demolished under this contract, including but not necessarily limited to: furnishings, mechanical equipment, plumbing fixtures, furniture, cabinets, applications and such.

11. Prior to building demolition, the Contractor shall purge, excavate and dispose of all residual oils, gases, etc. from the mechanical and plumbing systems and all other similar systems of the buildings to be demolished in accordance with federal, state and local requirements.

12. Prior to demolition, the Contractor shall disconnect and cap/terminate all building services, (e.g. water, sanitary sewer, storm sewer (unless otherwise noted), electric, gas, telephone, heating etc.) in accordance with all local regulation and utility company requirements. All capping shall be completed at the property line unless otherwise required by the governing utility authority. If required, work shall include the restoration of pavement and curbing impacted within the public right-of-way by utility removal and demolition work. Where no excavation is required, the undisturbed earth can be left intact.

13. The Contractor shall completely remove and legally dispose of all structures and components of the building including but not limited to columns, beams and stairs. The first floor slab and loading dock slab within the eastern portion of the building and the basement slab shall remain in place and shall be punctured with holes (20 ft on center) to prevent ponding due to stormwater runoff. The concrete debris generated from the demolition of the masonry and concrete building materials shall be re-used on a 2:1 slope as indicated on Drawing CE101 – Final Grading and Soil.
Erosion and Sediment Control Plan. Adequate bracing/underpinning shall be provided during and after demolition activities in order to maintain the structural integrity of the neighboring buildings to remain at all times.

14. The Contractor shall backfill all voids remaining from the removal of utilities and other subsurface elements.

15. The Contractor shall obtain and make payment for temporary utilities (water, electric, sewer, telephone, cable, etc.) and any other services necessary for proper execution of the demolition work.

16. The Contractor shall install and maintain soil erosion and sediment control measures.

1.06 QUALITY ASSURANCE

A. All demolition activities shall be completed in accordance with all applicable Federal, State and Local regulations and industry standards.

B. Contractor shall assign a competent and experienced Demolition Superintendent representing Contractor and who shall be present at the site daily during all operating hours of the project. The Demolition Superintendent shall be responsible for overseeing demolition operations and ensuring that the designated demolition and health and safety procedures are implemented in the field.

C. The Owner reserves the right to direct any inspection that is deemed necessary. The Contractor shall provide free access to the site for inspection activities.

D. The Contractor shall repair or remove items that are damaged due to the Contractor’s activities. Repair, replacement and installation of damaged items shall be performed at no additional compensation and to a condition at least equal to that which existed prior to start of work.

1.07 SUBMITTALS

A. UTILITY SCHEDULE

1. The Contractor shall submit to the Owner, the Owner’s Engineer and all affected utility/service companies, a proposed schedule of all necessary utility/service shut-offs, cappings and continuations of utility services as required no later than 30 days before the commencement of demolition. The Contractor shall provide the Owner with written confirmation from all utility or service companies serving the site that service has been terminated prior to capping, abandoning or removal of any such utility and prior to commencement of building demolition.

2. Contractor shall, during its work, accurately locate and mark on a set of Contract Drawings the location of all underground utilities and services that have been capped and those that are to remain within the Contract Limit Area.
B. DEMOLITION SCHEDULE/PLAN

The Contractor shall submit for review and approval a detailed written description of the methods and operations of demolition and a schedule for all proposed work to the Owner and the Owner’s Engineer no later than 30 days prior to the commencement of demolition work. This submission shall include a calendarized schedule of the proposed work and a step-by-step description of the work to be performed pertaining to preparation for demolition, protection of existing structures and adjacent community, labor forces, demolition rubble management and disposal and other pertinent items. The Contractor shall accommodate any recommended alterations and requirements by the Owner owing to reasons of public safety.

C. PERMITS

Prior to the commencement of work, the Contractor shall obtain all necessary permits and certificates associated with utility disconnections, and building demolition work from the New York City Department of Buildings (DOB) and any other Federal, State or Local authorities having jurisdiction over this project. The Contractor shall incur all fees and other requirements associated with obtaining the required permits and certificates. Record copies of all permits executed and certificates obtained shall be sent to the Owner and/or Owner’s Engineer. Costs associated with permit and certificate procurements, including plan and permit preparation, revisions, filing fees, etc., shall be borne by the Contractor.

The following permits/certificates and associated fees may be applicable and shall be obtained by the Contractor prior to applying for and obtaining general demolition permits from the City of New York.

a. Exterminator Certificate.
b. Board of Health approval.
c. Demolition contractor, Licensed.
d. Approval and receipt of permit for removal and disposal of containerized solid and liquid wastes, including State registration, where required.
e. New York State Department of Transportation permits, where required.

Contractor shall be responsible for any and all violation levied against the Contractor and/or Owner for failure to obtain or comply with required permits or certificates.

D. TRAFFIC

The Contractor shall submit for approval 15 days prior to the start of demolition work a traffic control plan to the Owner, the Owner’s Engineer, the New York City Police Department, the New York City Fire Department, and New York Department of Transportation, if required.
E. INSECT AND RODENT CONTROL

The Contractor shall submit to the Owner and the Owner’s Engineer an insect and rodent control plan and schedule. Extermination work shall be performed and completed by a New York State certified professional pest control firm no later than 15 days before commencement of demolition. The requirements of the insect and rodent control plan are described in paragraph 3.04 of this specification section.

F. POLLUTION CONTROL MEASURES

The Contractor shall submit a pollution and dust control plan to the Owner and Owner’s Engineer not less than 10 days prior to the commencement of demolition work. The plan shall outline proposed methods for dust control, noise control and maintaining the surrounding streets and buildings in a clean condition for both demolition operations and during debris removal (See paragraph 3.06 of this specification section).

G. DEMOLITION CLOSE-OUT

1. Contractor shall submit copies of all utility shut-off plans, regulatory approvals, monitoring reports, disposal documentation, and concrete reuse documentation as part of the demolition close-out. Final acceptance of Contractor’s work will be based on Owner’s review and approval of close-out documentation.

2. Contractor shall submit a summary sheet of all reused and recycled materials and the dates, quantities and transportation information (i.e. receiving facility, location, weight of material, etc.) associated with each item.

1.08 PROJECT MEETINGS

A. PRE-DEMOLITION

The Contractor, along with all designated subcontractors, shall attend a pre-demolition meeting scheduled by the Owner and Owner’s Engineer prior to commencement of work to resolve questions pertaining to the work and to establish basic administrative procedures and schedules.

B. PROGRESS

Once the demolition work has begun, the Contractor shall schedule, administer and attend meetings with the Owner and Owner’s Engineer once a week or as deemed necessary by the Owner to maintain optimum degree of communications between interested parties. The Contractor shall include selected subcontractors at such times as their interests may be involved.

1.09 OCCUPANCY

A. Buildings adjacent to the site will maintain their present occupancy and function.
B. The Contractor shall take any and all measures necessary to protect from harm and damage, persons and property from demolition activities, as well as maintaining vehicle and pedestrian traffic around the demolition area. See Section 1.13 for minimal additional protection requirements.

1.10 CONDITIONS OF STRUCTURES

A. Conditions existing at the time of inspection for bidding purposes will be maintained by the Owner insofar as practicable. The Contractor’s bid affirms the acceptance of the site, building and its interior “as is” unless specifically otherwise stated by the Owner at the pre-bid inspection.

1.11 SALVAGED MATERIALS

A. The Contractor, upon receiving Notice to Proceed by the Owner, shall assume ownership and responsibility for all materials indicated to be demolished and removed from the site.
B. The Contractor may remove items of salvageable value for his use as work progresses. The Contractor shall transport salvaged items from the site as they are removed. Under no circumstances shall salvaged items be stored or openly sold on-site.

1.12 TRAFFIC

A. The Contractor shall conduct demolition operations and removal of debris in a manner that ensures the least interference with streets, pedestrian walkways, and other adjacent occupied facilities. If required, the Contractor shall prepare a traffic control plan and obtain approval from the Local Building, Fire and Police Departments of said plan for all aspects of the project. (See Section 3.03 for installation of traffic measures)

1.13 PROTECTION

A. Safety and protection of the surrounding community and property shall take the highest priority during demolition operations. The Contractor is solely responsible for the safety and protection of the property, adjacent structures and general public.
B. The Contractor shall ensure free and safe passage of persons around the area of demolition. All operations shall be conducted so as to prevent damage to adjacent buildings, structures and other facilities and injury to persons. This shall include but not necessarily be limited to the installation and maintenance of protective structures when necessary such as catch platforms, tarpaulin or plywood barriers, trailer boxes, sidewalk sheds (bridges) as required by the New York City Building, Fire and Police Departments, or the Owner.
C. The Contractor shall make a careful examination of the structure to be demolished and of the adjoining structures, property and utilities which are to remain and take whatever precautions are necessary to carry on operations so as to prevent any settlement, collapse, damage from falling debris or other impacts to adjacent structures, sidewalks, paving, utilities and other existing features. During all operations, the Contractor is responsible for the structural integrity of these structures and surrounding structures relative to any
problems or damages resulting from the performance of the Contractor’s work. The Contractor shall notify the Owner immediately if the safety of an adjacent structure or facility is endangered or if any change has occurred.

D. The Contractor must provide interior and exterior shoring, bracing or support to prevent movement or settlement of the structures to be demolished when safety concerns warrant. Any damage inflicted upon adjacent off-site structures, property, construction or utilities by the Contractor’s work must be corrected promptly by the Contractor at no cost to the Owner.

E. All work adjacent to occupied buildings which may produce fire hazards or create nuisances or safety and health hazards from noise, vibration, gases, vapors, fumes, dust mists, or odors shall not be performed unless preventive controls or measures including, but not necessarily limited to those shown on the Contract Drawing and/or as specified within this Specification are implemented. Special attention is brought to adjacent building fresh air intakes, air conditioning units, etc. which need protection from dust during demolition. Protective procedures shall not begin until reviewed by the Owner and the Owner’s Engineer. Such review shall in no way relieve the Contractor from his responsibility to execute the work in a safe manner and in accordance with all applicable Federal, State and Local requirements.

F. Job site safety is entirely the responsibility of the Contractor. The Contractor shall execute the work in a manner that is safe for his workers and persons in and around the job site. The Owner reserves the right to stop work at any time in cases where the safety of the Contractor’s operation is in question or conflicts with the Contract Documents. Any possible hazards resulting from the demolition activities shall be corrected by the Contractor prior to the continuation of work in that specific area. The Owner’s Engineer is not responsible for safety at the jobsite and cannot stop the Contractor’s work at any time.

G. VIBRATION MONITORING

1. The Contractor shall be responsible to provide third-party vibration monitoring during demolition activities. The seismometer shall be securely installed within the limits of the project site at locations closest to any structures which may be affected during demolition. The Owner may request additional monitoring points be installed by the Contractor at their discretion. The vibration monitoring shall be conducted remotely to alert the Owner, Owner’s Engineer and Contractor via email in the event that any of the thresholds described below have been exceeded.

2. During all demolition activities, the vibration limits in terms of Peak Particle Velocity (PPV) are as follows:

   a. Threshold for Recording:
      \[ PPV = 0.1 \text{ inch per second} \]

   b. Threshold for Investigation:
      \[ PPV = 1.0 \text{ inch per second for frequencies} > 20 \text{ Hz} \]
PPV = 0.5 inch per second for frequencies < 20 Hz

c. Maximum Allowable:
PPV = 2.0 inch per second

If the “Threshold for Investigation” is reached or exceeded, an alert will be sent to all parties, following which, ways to reduce vibrations will be discussed. If the “Maximum Allowable” limit is reached or exceeded, the particular demolition operation would immediately cease pending an exploration of ways to attenuate the vibrations.

3. The values described above are tentative and field conditions may require adjustments lower, if necessary, to protect nearby structures to remain. In addition, these monitoring requirements are the minimum required. The Contractor shall establish all necessary monitoring measures as necessary to be informed of the conditions around the site and confirm that demolition activities are not adversely impacting surroundings structures. The Contractor shall be responsible to monitor conditions during demolition activities to verify that protection requirements specified herein are maintained.

4. The Contractor shall submit a monitoring plan consisting of monitoring point locations and method of monitoring for review and approval by the Owner prior to the start of demolition activities.

1.14 EXISTING UTILITIES

A. The approximate locations of existing utilities are shown on the Contract Drawings. All utility locations are approximate and additional utilities that are or may be impacted by the work, may exist. The Contractor shall be responsible for protecting all utilities during construction. All existing utilities shall be field-verified and any discrepancies shall be reported to the Owner and Owner’s Engineer.

B. The Contractor shall maintain existing utilities within the public right-of-way and those shown to remain on the Contract Drawings. The Contractor shall promptly repair or have repaired by applicable utility company any damage incurred to utilities during demolition work at no cost to the Owner.

C. The Contractor shall not interrupt existing utilities serving any off-site facilities, except when authorized in writing by authorities having jurisdiction and the Owner. The Contractor shall provide temporary services during interruptions to existing utilities, as acceptable to governing authorities and the Owner.

1.15 TEMPORARY LIGHTING

A. The Contractor shall supply temporary security lighting for the project site from dusk to dawn for the duration of the work. The Contractor may supplement the temporary lighting specified herein with the existing site lighting as needed.
1.16 TEMPORARY SERVICES AND FACILITIES

A. The provision of temporary water, electricity, interior lighting, phone lines and all other services and facilities for demolition operations shall be the responsibility of the Contractor. The Contractor shall also provide all necessary services and facilities as required by Federal, State and Local applicable regulations, and shall contact the appropriate utility companies to arrange for connections and permits. The Contractor shall pay all necessary fees for connection, metering, utility charge, and disconnection without charge to the Owner.

B. If fire protection needs are not supplied by permanent facilities, the Contractor shall, in accordance with applicable Federal, State, and Local requirements, install and maintain temporary fire protection facilities in compliance with such requirements, and at a minimum, in accordance with National Fire Protection Association, NFPA 241 “Standard for Safeguarding.”

1.17 WORKING HOURS

A. The Contractor shall limit all work for this project based on Local and State Guidelines and as set forth in the Contract Documents.

1.18 CONTRACT LIMIT LINE

A. The Contract Limit Line for demolition work is shown on the Contract Drawings. No equipment, materials, and/or trailers shall be kept or stored outside the Contract Limit Area.

B. Other trades and work may be on-going on-site during demolition operations. The Contractor shall coordinate their work so as not to interfere with work of other trades.

1.19 UNACCEPTABLE PERFORMANCE

A. The Contractor shall remove from the project any individual employed by the Contractor who is performing work in an unacceptable manner as determined by Owner. The Contractor shall not be allowed claims for delays or down time resulting from the removal of such employees.

1.20 PRE-DEMOLITION SURVEY

A. Prior to demolition, a pre-demolition survey shall be completed. The Contractor shall engage an independent third-party firm with a minimum of five years’ experience in preparing pre-demolition surveys for similar projects. They shall photograph (in color) building faces, roadways, and other facilities to remain which are located adjacent to structures to be demolished. In addition, the survey shall include detailed written descriptions of the condition of the existing site features and buildings adjacent to the proposed demolition. The photographs shall be dated and noted describing location and elements of the photograph. They shall be placed in a bound notebook and two copies with the negatives (if film is used, otherwise digital images shall be burned to a compact disc) shall be given to Owner, Architect and Owner’s Engineer not less than 5 days prior to the start of demolition.
PART 2 - PRODUCTS

2.01 MATERIALS

A. Materials are as specified on the Contract Drawings when applicable. See related sections for additional product specifications.

B. All related monitoring equipment shall be supplied by the Contractor.

PART 3 - EXECUTION

3.01 PROJECT FENCING

A. The Contractor shall construct an 8-ft high plywood fence with a swing gate at the location shown and as necessary to properly and safely secure building demolition operations in accordance with Local and State requirements. No demolition work shall begin until the project site is secured and the fence is completely installed and approved by the Owner and Owner’s Engineer. Fencing shall remain in place as permanent fencing after project completion.

3.02 SOIL EROSION AND SEDIMENT CONTROL

A. The Contractor shall install all soil erosion and sediment control measures in accordance with the requirements indicated on the Contract Drawings.

B. The Contractor shall be responsible for maintaining all soil erosion and sediment control measures until the work under this Contract is completed. The Contractor shall install a temporary crushed stone wheel cleaning pad at the construction entrance/exits as shown on the Contract Drawings and keep all streets clear of dirt and sediment by cleaning of the streets as necessary during the course of the project. A silt fence is to be installed at the site as shown on the Contract Drawings. Inlet filter fabric protection shall be installed at all inlets.

3.03 TRAFFIC

A. Prior to commencement of demolition operations, the Contractor shall implement all vehicular and/or pedestrian traffic protection measures indicated or described on the Contract Drawing and in these Specifications and any other measures required by the New York City Building, Traffic, Police and Fire Departments before, during, and after the demolition project. Damage to any public roadway shall be repaired by the Contractor to the satisfaction of the appropriate City agencies at no cost to the Owner.

B. Signs required shall be designed and installed in accordance with the requirements of the NYDOT and NYCDOT Standard Specifications, latest revision, the Federal Highway Administration’s "Manual on Uniform Traffic Control Devices for Streets and Highways" and "Standard Highway Signs."
3.04 EXTERMINATION

A. The Contractor shall employ a State licensed pest control firm with at least 5 years professional experience with commercial and multi-family residential buildings and demolition/construction conditions to design and implement an Insect and Rodent Control Plan for removing rodents and other pests from the building to be demolished and from the immediate surrounding area in accordance with governing health and building regulations. Implementation of the Insect and Rodent Control Plan shall commence no later than 15 days prior to the scheduled start date for demolition and must be completed prior to the permit application procedure. The plan shall be submitted to the Owner and Owner’s Engineer for review and approval 10 days prior to the commencement of extermination work under this Contract.

B. The insect and rodent control plan shall address the following: the removal of rodents, insects and major pests anticipated to be encountered; bait type and bait setting procedures; rodent and pest removal procedures; containment and control of migration of rodents from the project site; and other necessary and required measures. Final certification by the Contractor’s pest control firm verifying compliance with health and building regulations and that the building(s) are clean of all insects, rodents and major pests shall be submitted and received by the New York City Health and Building Departments or appropriate governing authority prior to the scheduled demolition start date. The Owner and Owner’s Engineer shall be copied on all correspondences.

3.05 UTILITIES

A. GENERAL

Existing utilities service shall not be interrupted unless authorized in writing by authorities having jurisdiction and the owner of the utility. Any temporary interruption necessary shall be directly coordinated and supervised by utility company personnel. The Contractor shall provide temporary services during interruptions to existing utilities, as acceptable to governing authorities and the affected utility companies.

B. MAINTENANCE

The Contractor shall maintain and protect from damage all existing above and below ground utilities. This includes, but is not necessarily limited to, above ground utility lines and transformers, water lines, gas lines, storm lines and catch basins shown on the Contract Drawings.

The Contractor shall immediately repair or have repaired by the appropriate utility company any damage incurred by utilities during demolition work at no cost to the Owner or municipality.
C. ABANDONMENT/REMOVAL

1. Disconnection, plugging and removal of utility services, and sewer lines and appurtenances is part of this work and shall be performed prior to building demolition, except where hydrants and storm sewers must be maintained during demolition operations in which case hydrant, hydrant lateral and storm sewers shall be preserved and protected during and after demolition activities. The Contractor shall identify all utilities and sewers on-site and determine if utility laterals to the buildings to be demolished are direct and exclusive to the building before disconnection is performed.

2. Prior to removal, all utilities and sewers shall be properly purged and evacuated of all residual gases, oils, etc. or de-energized in the case of electric, telephone or other communications services. All purging and testing shall be approved by local utility or sewer companies and governing authorities having jurisdiction.

3. The Contractor or appropriate utility or sewer company (if required) shall seal and/or plug the ends of all utilities indicated to be abandoned and removed with blank plates or caps and new valves where necessary as determined by the Owner. All plugs shall be inspected by the appropriate utility or sewer company, as required, prior to backfilling.

4. All utility disconnections shall be performed no later than 15 days prior to the scheduled start of demolition and must precede the demolition permit application procedure.

3.06 POLLUTION CONTROLS

A. DUST

During demolition and debris removal operations, the Contractor shall continually use water sprinkling and other suitable methods to minimize the amount of dust and dirt, rising and scattering in the air, to the lowest practical level possible. Requests made by the Local authority having jurisdiction, the Owner, or the Owner’s Engineer regarding pollution controls shall be promptly implemented by the Contractor. The Contractor shall not use water when dangerous flooding or icing may occur. The Contractor shall comply with all governing regulations pertaining to environmental protection, soil erosion and dust control and install all control measures indicated on the Contract Drawings.

B. CLEANING

The Contractor shall maintain the cleanliness of streets and properties at all times by removing dirt, dust and debris produced by demolition operations. This shall be done on a daily basis. After demolition and debris removal is complete, the Contractor shall return adjacent structures and roadways to the conditions existing prior to the start of work. Power washing or other means deemed necessary by the Owner and/or Owner’s Engineer shall be implemented by the Contractor to achieve this objective. The Contractor shall provide enough refuse containers for collecting construction/demolition debris throughout the duration of all work.
C. NOISE

The Contractor shall make all attempts necessary to reduce noise emissions from the site during demolition operations. Noise levels shall be maintained at or below State Standards and/or as required herein. All machinery and equipment shall have mufflers or noise reducing devices installed.

3.07 LINE PURGING

A. The Contractor shall be responsible for safely purging all mechanical and plumbing lines and other related systems (including equipment) within the building that may contain residual oils, gases, etc. The collected materials shall be the sole responsibility of the Contractor who shall legally dispose of these materials in accordance with Federal, State and Local regulations (if applicable) including but not necessarily limited to NYSDEC requirements. The dumping of these materials on-site shall not be permitted.

B. Pipe lines shall be drained or evacuated and residual materials collected in proper containers. Equipment shall be drained of oils, lubricants, coolants, (i.e. freon etc.) which shall be properly collected and disposed of prior to removal.

3.08 DEMOLITION

A. The demolition work and safety procedures shall conform to the standards set forth in these Specifications and in the Demolition Safety Manual, latest revision, prepared by the National Demolition Association. Additionally, all cranes, concrete shears and other major pieces of demolition equipment utilized in the execution of the demolition work shall be periodically and thoroughly inspected by certified personnel on a monthly basis. Copies of the inspection reports and proof of crane insurance shall be maintained on-site at all times and shall be made available to Owner and/or Owner’s Engineer immediately upon request.

B. Prior to commencement of any demolition operations, the Contractor shall verify that hazardous materials and asbestos-containing materials have been abated and removed from the buildings in accordance with regulatory agencies having jurisdiction. The Contractor is to coordinate with the New York City Building Department Officials or any other applicable agency on the method of demolition.

C. Under no circumstances shall explosives or wrecking balls be used for any aspect of the demolition work.

D. The buildings to be demolished under this Contract shall be demolished in their entirety (except basement, first floor and loading dock slabs) from top to bottom. Demolition work shall proceed section-by-section and floor-by-floor, pulling or knocking exterior walls and columns into the building. Demolition shall proceed in such a manner that all debris falls away from adjacent buildings and all other structures including utilities that are to be maintained and protected.
E. Prior to building demolition, each floor shall be pre-stripped of all non-recyclable, solid waste materials and items such as partitions, cabinets, fixtures, and plaster/lathing, etc. and segregated for disposal by the Contractor.

F. The Contractor shall completely remove and legally dispose of all structures and components of the building including but not limited to columns, beams and stairs. The first floor slab and loading dock slab within the eastern portion of the building and the basement slab shall remain in place and shall be punctured with holes (20 ft on center) to prevent ponding due to stormwater runoff. The concrete debris generated from the demolition of the masonry and concrete building materials shall be re-used on a 2:1 slope as indicated on Drawing CE101 – Final Grading and Soil Erosion and Sediment Control Plan. Adequate bracing/underpinning shall be provided during and after demolition activities in order to maintain the structural integrity of the neighboring buildings to remain at all times.

G. Contractor shall coordinate with the Owner and all regulatory agencies having jurisdiction when determining methods of demolition to be used. All methods shall be in accordance with applicable Federal, State, and Local regulations and industry standards.

H. Prior to the start of any major structural demolition activities, Contractor shall submit documentation indicating the methodology for removing the structural members and all temporary shoring requirements. The documentation shall be prepared by and signed and sealed by a licensed Professional Engineer in the State of New York. Contractor shall be responsible to complete the demolition work without disturbing, damaging, or otherwise impacting all the adjacent properties within close proximity to the site.

I. Any and all demolition methods and procedures employed by Contractor shall meet, at a minimum, the following criteria:

   1. Demolition activities shall not disturb, damage or otherwise impacting buildings and structures adjacent to the site.

   2. All demolition activities shall be performed in strict accordance with all safety regulations and standard practices applicable to the method of demolition used.

   3. Demolition debris shall not be permitted to fall outside of the construction fence at any time during the demolition operations. If this should occur, Contractor shall stop work and modify the demolition method to prevent further incident.

3.09 DISPOSAL OF DEMOLISHED MATERIALS

A. GENERAL

   1. The Contractor shall remove from the site all debris, rubbish and other materials resulting from demolition and shall safely and legally dispose of all these items in accordance with applicable Federal, State and Local codes and regulations.
2. Recycling of demolition debris is strongly encouraged. All recycling must be done in accordance with all currently applicable State waste flow regulations, and New York City requirements. All solid waste as defined by NYSDEC criteria shall be removed from the site in accordance with all currently applicable land disposal regulations of the State, County, and Local levels.

3. Burning of any materials on-site shall not be permitted.

B. SUBMITTALS

1. Written permission shall be obtained from the property owner on whose property the demolition material is to be disposed. Copies of the agreements shall be furnished to the Owner prior to removing any materials from the demolition site.

2. The Contractor shall provide manifests and/or bills of lading for each truck that exits the site with demolition material to the Owner’s Engineer and the Owner. These manifests and/or bills of lading shall indicate the following:
   a. Date and time of departure from the demolition site.
   b. Truck I.D. number.
   c. Type of material carted off-site.
   d. Amount of material (in tons).
   e. Final destination of the excess material.
   f. Signature of representative at final destination accepting the demolition debris.

C. REMOVAL

1. The Contractor shall legally and safely transport and dispose off-site all materials removed from demolished structures in accordance with Local, State and Federal regulations governing such operations. The Contractor shall be responsible for locating and making arrangements for the safe, legal disposal of demolition material off-site during the entire course of the Contract.

3.10 SITE GRADING

A. At the conclusion of demolition, final grading shall match that shown on the Contract Drawings.

B. Refer to Section 02260 for backfill and compaction requirements and final grade tolerances.

C. Do not remove secure barriers or other safety systems until site is backfilled and safe for others to enter.

3.11 PROJECT RECORD DRAWINGS

A. The Contractor shall mark in the field on a set of Contract Drawings all locations of removed and remaining building foundation elements and utility disconnections within the Contract Limits. Existing foundation size and locations and utility type, size, and depth-of-bury shall
also be noted on this plan. The Contractor shall provide certifications from utility companies of complete and correct utility disconnections.

END OF SECTION
SECTION 02065

SOIL EROSION AND SEDIMENT CONTROL

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK

A. Install and maintain all temporary soil erosion and sediment control measures as specified herein.

B. The control of construction water discharge shall be managed by the Contractor in a manner to be determined as part of his means-and-methods. Actual measures for this purpose shall comply all applicable laws and regulations.

C. Comply with the construction, maintenance, inspection, cleaning, remedial and close-out measures per the Contract Documents.

D. Any dewatering, if necessary, shall be the sole responsibility of the contractor as part of his means and methods.

E. The discharge of construction water from the demolition, utility removal, grading and other earthwork operations from non-stabilized areas, to off-site is not permissible.

1.02 QUALITY ASSURANCE

A. Regulatory Requirements

1. Work of this section shall conform to all requirements of the New York Guidelines for Urban Erosion and Sediment Control, the NYC Building Code, and all applicable regulations of governmental authorities having jurisdiction including safety, health, and anti-pollution regulations. Where more severe requirements than those contained in the Guidelines, the Building Code, and the project specifications, the requirements of this section shall govern.

B. NYSDEC Article 24 - New York State Conservation Law
ACOE Section 404 U.S. Clean Water Act

C. Construction Inspection Requirements

1. All work included in this section shall be subject to inspection by the Owner’s Engineer.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Filter Fabric (supplement as needed)
1. Filter fabric for the silt fence shall be Mirafi 100x or approved equal.

2. Filter fabric for the stabilized construction entrance and the sediment trap outlet protection shall be Mirafi 600x or approved equal.

3. Filter fabric for the inlet protection shall be Mirafi 100x or approved equal.

B. Crushed Stone (supplement as needed)

1. Crushed stone for the construction entrance shall be crushed stone to the requirements of NYSDOT Standard Specifications Table 703-4 size designation #3.

PART 3 - EXECUTION

3.01 SEDIMENT CONTROL MEASURES

A. The discharge of construction water from the demolition activities, utility removal, grading and other earthwork operations from non-stabilized areas, to off-site is not permissible. The choice and execution of dewatering methods, if required, shall be the sole responsibility of the Contractor as part of his means and methods.

B. Silt Fence (supplement as needed)

1. Fabric shall be set between wood posts of sound quality hardwood with a minimum cross sectional area of 3 sq in or approved equal. Acceptable prefabricated units include Envirofence or an approved equal.

C. Stabilized Construction Entrance (supplement as needed)

1. The crushed stone vehicle wheel cleaning blanket will be maintained at the site construction entrances as shown on the Drawings.

2. The blanket shall have minimum dimensions 50 ft long by 14 ft wide by 6 inches deep to prevent off-site tracking of sediment by construction traffic. The crushed stone and non-woven shall be placed over a subgrade free of loose or wet soils or standing water.

3. The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. All sediment spilled, dropped, washed or tracked to public rights-of-way must be removed immediately. When washing is required, it shall be done on an area stabilized with stone which drains into an approved sediment trapping device. Periodic inspection and needed maintenance shall be provided after each rain.

D. Temporary Stabilization Measures

1. All disturbed areas left exposed for more than 7 days, exclusive of areas subject to construction traffic, shall immediately receive 2 passes with a 1 ton roller to seal the surface of each layer.
2. Prior to demolition, all erosion control measures within or adjacent to the area shall be installed.

3.02 MAINTENANCE OF SEDIMENT CONTROL MEASURES

A. General

1. It shall be the responsibility of the Contractor to maintain the erosion and sediment control measures, as specified herein, for the contract period at no additional cost to the Owner.

B. Inspection/Repair

1. All erosion and sediment control measures will be checked for stability and operation by the Contractor following every runoff-producing rainfall but in no case less than once every week. Any needed repairs or maintenance will be done immediately to maintain all practices as designed.

2. Maintenance to the silt fence shall be performed as soon as 6” of sediment have accumulated behind the fence fabric, and upon completion of the contract.

END OF SECTION
SECTION 02250

PROTECTION OF EXISTING UTILITIES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS
   A. The Contract Drawings and all other Specification Sections along with all provisions included within this Contract package, Instructions to Bidders, and other General Conditions apply to this section.

1.02 SUMMARY
   A. Section Includes:
      1. Identify and field mark-out all site utility lines to remain in operation and/or be relocated during construction.
      2. Submit procedures to be used to ensure the safety of the utilities.
      3. Repair any damage during construction operations.

1.03 PROJECT RECORD DOCUMENTS
   A. Perform a post-construction (as-built) survey of the condition of all utilities and supply to the Owner.
   B. Accurately record actual locations of capped utilities, utilities to remain and utility lines encountered during construction.

1.04 REGULATORY REQUIREMENTS
   A. Notify affected utility companies and Construction Manager before starting work and to ensure compliance with their requirements.

PART 2 - PRODUCTS – NOT APPLICABLE

PART 3 - EXECUTION

3.01 IDENTIFICATION
   A. Locate existing underground utilities in and beyond the areas of work. If utilities are indicated to remain in place, provide adequate means of support and protection during the work. In the event of identifying an unforeseen conflict/condition, notify the Construction Manager immediately.
B. Consult utility owner immediately for direction if uncharted, or incorrectly charted, piping or other utilities be encountered during excavation. Cooperate with utility owner to keep respective services and facilities in operation. Repair damaged utilities to satisfaction of utility owner.

C. Do not interrupt existing utilities serving facilities occupied by the Owner or others, during occupied hours, except when permitted in writing by the Construction Manager and then only after acceptable temporary utility services have been provided.

D. Utilities to be capped and later reused, must be clearly identified and marked in the field. Contractor to obtain all permitting required to perform sewer plugs.

3.02 PROTECTION

A. Consult the records for existing utilities prior to commencement of any work. Note all conditions and limitations which might affect the work.

B. Become acquainted with the existence and location of all surface and subsurface structures and utilities within the project area. Do not damage any of those that are to remain and leave them accessible.

C. Execute work so that no damage or injury will occur to existing public and adjoining or adjacent structures, streets, paving, sewers, gas, water, electric or any other pipes. Should any damage or injury occur make good such damage and assume all responsibility for such injury at own expense.

D. Protect all existing utilities (including sewers, water lines, electrical lines and telecommunication lines) to remain in use within and adjacent to the area affected by the work of this project.

E. Protect all monuments, bench marks and other reference features on streets bounding this project. Replace any disturbed features at own expense.

F. Flag, barricade or suitably protect existing utilities during construction operations and equipment movement.

G. Provide, at a minimum, timber mats at locations where equipment will cross existing utilities at unimproved areas. Provide any other safety measures and follow any additional procedures requested by the City of New York and the utility owner.

3.03 REPAIRS

A. Immediately repair any damage to existing utilities with the least impact to the utility service and to operational standards. Address repairs immediately, or the utility owner and/or the Owner will contract and bill for the repair.
B. Conduct post construction condition surveys. Repair any damage to the utilities to the condition identified in the preconstruction survey. The Engineer and/or utility owner shall determine the acceptability of any repairs.

END OF SECTION
SECTION 02260

BACKFILL OF BUILDING AND UTILITY REMOVAL AREAS

PART 1 - GENERAL

1.01 APPLICABLE REQUIREMENTS

A. The Contract Drawings, and all other specification sections and other general conditions apply to this section.

B. All work performed by the Contractor under this Contract shall comply with all applicable Federal, State and Local codes, laws, ordinances, regulations and guidelines for demolition work.

1.02 DESCRIPTION OF WORK

A. The Contractor shall be responsible for placing acceptable demolition rubble backfill in any site and utility removal areas, to provide proper drainage and safe site conditions as directed by the Owner’s Engineer.

B. The Contractor shall note that there is an (E) designation on the project site. The Contractor shall adhere to all requirements set forth in Section 11-15 (Environmental Requirements) of the City of New York Zoning Resolution.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Demolition Rubble - May be used as backfill to slope down at 2:1 from the existing perimeter grade to the first floor/basement slab provided that it is an uncontaminated concrete and/or masonry material crushed and screened to smaller than three inches. Prior to placement of demolition rubble, the first floor/ basement slab shall be punctured with holes (20 ft on center) to prevent ponding of stormwater runoff. In addition, this material shall be free from all steel reinforcement and other demolition materials.

PART 3 - EXECUTION

3.01 METHOD OF CONSTRUCTION

A. Where demolition rubble backfill is to be placed in areas where site elements are removed, the subgrade shall be compacted with a minimum of 8 passes of a double drum walk behind vibratory roller such as BOMAG BW 65 or equivalent.

B. Any subgrade material rutting or weaving under the compaction equipment shall be removed and replace with properly compacted backfill. The subgrade shall be free of standing water and unsaturated. If necessary, dewatering of localized areas may be
required and shall be performed by the Contractor at no additional cost to the City of New York for backfilling of site elements. All unsuitable material and deleterious matter shall be removed from the excavation prior to placement of fill.

3.02 POLLUTION CONTROLS

A. DUST AND NOISE

1. Refer to Specification Section 02060 for dust and noise control requirements.

END OF SECTION
DRAWINGS
GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial Property
414 Gerard Avenue
Bronx New York 10451

NOVA PROJECT NUMBER
17-0353

DATED
September 5, 2017

PREPARED FOR:
LANGAN
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001

PREPARED BY:

NOVA GEOPHYSICAL ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527 (FAX)
www.nova-gsi.com
September 5, 2017

Michele Rogers, PE  
Project Engineer  
LANGAN  
21 Penn Plaza  
360 West 31st Street, 8th  
Floor  
New York, New York 10001  
Direct: 212.479.5429

Re: Geophysical Engineering Survey (GES) Report  
Commercial Property  
414 Gerard Avenue  
Bronx, New York 10451

Dear Ms. Rogers:

Nova Geophysical Services (NOVA) is pleased to provide findings of the geophysical engineering survey (GES) at the above referenced project site: Commercial Property, 414 Gerard Avenue, Bronx, New York (the “Site”). Please see attached Site Location and Geophysical Survey maps for more details.

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a Geophysical engineering surveys (GES) consisting of a Ground Penetrating Radar (GPR) survey at the site. The purpose of this survey is to locate and identify USTs, anomalies, utilities and other substructures and to clear and mark proposed boring areas on August 25th, 2017.

The equipment selected for this investigation was GSSI 350 MHz ground penetrating radar (GPR) shielded antenna.

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 350 MHz. 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 surface. 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 and are represented as color graphic images for interpolation.
GEOPHYSICAL METHODS

The project site was screened using the GPR to search the areas of interest and inspected for reflections, which could be indicative of major anomalies and substructures. Borehole locations were then individually cleared.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed areas consisted of concrete surfaces.

DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described at this section.

Step 1. Import raw RAMAC data to standard processing format

Step 2. Remove instrument noise (dewow)
Step 3. Correct for attenuation losses (*energy decay function*)

![Image of Step 3 process]

Step 4. Remove static from bottom of profile (*time cut*)

![Image of Step 4 process]

Step 5. Mute horizontal ringing/noise (*subtracting average*)

![Image of Step 5 process]

The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.
PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: Clear skies
Temp: 80 Degrees (F).
Surface: Concrete surfaces
Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was high at the site. The noise was a result of the site being located in an urban environment and a heavy concrete slab.

RESULTS

The results of the geophysical engineering survey (GES) identified following at the project Site:

- GES survey identified scattered anomalies located throughout the project site. Based on their rates and proximity, these anomalies were inconsistent with any USTs. These areas were indicated on the on-site markout.
- Several utilities (sewer, water, gas and electrical) were located on the site. These utilities were indicated on the survey map.
- A tank-like structure was located under a large manhole. This feature was too deep to resolve by geophysical means.
- Several areas of higher-than-background noise, consistent with potential vaults/basements, anomalies were identified. These are indicated both on-site and on the survey map.
- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions please do not hesitate to contact the undersigned.
Sincerely,

NOVA Geophysical Services

[Signature]
Levent Eskicakit, P.G., E.P.
Project Engineer

Attachments:
Figure 1 Site Location Map
Geophysical Survey Plan
Geophysical Images
FIGURE 1
SITE LOCATION MAP

SITE: Commercial Property
414 Gerard Avenue
Bronx, New York 10451

SCALE: See Map
Survey Area
Sewer Line
Gas Line
Electrical Line
Water Line
Linear Anomaly

GEOPHYSICAL SURVEY PLAN

SITE: Commercial Property
414 Gerard Avenue
Bronx, New York 10451

CLIENT: LANGAN
DATE: August 25, 2017
Scale: See Map

INFORMATION

WARNING: IT IS A VIOLATION OF THE NY S
EDUCATION LAW ARTICLE 44 FOR ANY PERSON
UNLESS HE IS ACTING UNDER THE DIRECTION OF A
LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS
ITEM IN ANY WAY.

NOTES:
1. BASEMAP SOURCE: NEAR MAP,
DATED APRIL 9, 2017

1- All anomalies were marked in the field.
HAZMAT SURVEY REPORT

For

414 Gerard Avenue
Bronx, NY 10451
(Block: 2350, Lot: 1)

Prepared For:

Treetop Development
The Glenpointe Centre West
500 Frank W Burr Boulevard
Teaneck, New Jersey 07666

Prepared By:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
300 Kimball Drive
Parsippany, New Jersey 07054

Vijay Patel
Senior Associate

October 20, 2017
Langan Project No. 170488401
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Table T2  Lead based paint XRF Screening Data
Table T3  Universal/Hazardous Waste Inventory
Table T4  Bulk PCB Caulk Sample Analyses Results

DRAWINGS

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ASL-2  Asbestos Sampling Locations – 1st Floor
ASL-3  Asbestos Sampling Locations – Main Roof

APPENDICES

Appendix A  Laboratory Test Results and Chain of Custody Documentations (Asbestos)
Appendix B  PCB in Caulking Test Results and Chain-of-Custody Documentation
Appendix C  Langan’s Certifications and Laboratory Accreditations
<table>
<thead>
<tr>
<th>ACRONYMS</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>USEPA</td>
<td>United States Environmental Protection Agency</td>
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<tr>
<td>NYSDOL</td>
<td>New York State Department of Labor</td>
</tr>
<tr>
<td>NYCDEP</td>
<td>New York City Department of Environmental Protection</td>
</tr>
<tr>
<td>AHERA</td>
<td>Asbestos Hazard Emergency Response Act</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>CAA</td>
<td>Clean Air Act</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substance Control Act</td>
</tr>
<tr>
<td>CFR</td>
<td>Code of Federal Regulation</td>
</tr>
<tr>
<td>EPA</td>
<td>United States Environmental Protection Agency</td>
</tr>
<tr>
<td>HEPA</td>
<td>High Efficiency Particulate Air</td>
</tr>
<tr>
<td>HUD</td>
<td>Housing and Urban Development</td>
</tr>
<tr>
<td>NESHAPS</td>
<td>National Standards for Hazardous Air Pollutants</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>PLM</td>
<td>Polarized Light Microscopy</td>
</tr>
<tr>
<td>TEM</td>
<td>Transmission Electron Microscopy</td>
</tr>
<tr>
<td>ACM</td>
<td>Asbestos-Containing Materials</td>
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<tr>
<td>LBP</td>
<td>Lead-Based Paint</td>
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<tr>
<td>PCB</td>
<td>Polychlorinated Biphenyls (PCB)</td>
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<tr>
<td>SF</td>
<td>Square Feet</td>
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<tr>
<td>LF</td>
<td>Linear Feet</td>
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<tr>
<td>mg/cm$^2$</td>
<td>Milligrams per square centimeter</td>
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<tr>
<td>PPM</td>
<td>Parts Per Million</td>
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<td>XRF</td>
<td>X-ray Fluorescence</td>
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<td>AAS</td>
<td>Atomic Absorption Spectrometry</td>
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<tr>
<td>TCLP</td>
<td>Toxicity Characteristic Leaching Procedure</td>
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EXECUTIVE SUMMARY

This report by Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) presents our hazardous materials (Hazmat) survey findings for the property at 414 Gerard Avenue, Bronx, NY 10451, (Block 2350, Lot 1). The report provides information related to asbestos-containing materials (ACM), lead-based paint (LBP), polychlorinated biphenyls (PCBs) containing caulk and universal waste/miscellaneous hazardous materials waste articles identified in the building(s).

PROJECT INFORMATION:

<table>
<thead>
<tr>
<th>Client Name</th>
<th>Treetop Development The Glenpointe Centre West 500 Frank W Burr Boulevard Teaneck, New Jersey 07666</th>
<th>Survey Dates:</th>
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<tr>
<td>Professional’s Project #:</td>
<td>170488401</td>
<td>Construction Dates:</td>
<td>1954</td>
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<tr>
<td>Professional’s Project Manager:</td>
<td>Vijay Patel</td>
<td>No. of Building(s):</td>
<td>1</td>
</tr>
<tr>
<td>Phone No.:</td>
<td>973-560-4983</td>
<td>No. of Stories:</td>
<td>2</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:vpatel@langan.com">vpatel@langan.com</a></td>
<td>Estimated Bldg. Gross Footage:</td>
<td>12600 SF</td>
</tr>
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<td>Property Address:</td>
<td>414 Gerard Avenue</td>
<td>Basement:</td>
<td>Yes - Partial</td>
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<tr>
<td>Property Town, County, State:</td>
<td>Bronx, NY 10451</td>
<td>Property Use:</td>
<td>Vacant</td>
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<tr>
<td>Property Identification:</td>
<td>Block 2350; Lot 1</td>
<td>Last Altered</td>
<td>Unknown</td>
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</tbody>
</table>

The following summarizes our findings of ACM, LBP, PCB, and other universal/miscellaneous hazardous waste articles identified in the building(s):

**Asbestos-Containing Materials (ACM)**

<table>
<thead>
<tr>
<th>Material</th>
<th>Survey Results</th>
<th>Estimated Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACM/ASSUMED ACM</td>
<td>ACM</td>
<td>1,400 LF</td>
</tr>
<tr>
<td>Pipe and Fitting Insulation (Observed)</td>
<td>ACM</td>
<td>100 LF</td>
</tr>
<tr>
<td>Pipe and Fitting Insulation (Estimated concealed)</td>
<td>ACM</td>
<td>105 SF</td>
</tr>
<tr>
<td>Pipe Insulation Debris</td>
<td>ACM</td>
<td>260 SF</td>
</tr>
<tr>
<td>Metal Door Core Insulation</td>
<td>ACM</td>
<td>110 SF</td>
</tr>
</tbody>
</table>
Material | Survey Results | Estimated Quantity
--- | --- | ---
Vibration Duct Cloth | ACM | 10 SF
Electrical Ebony Board | ACM | 65 SF
Glue Associated with Ceramic Wall Tile/Mirror | ACM | 200 SF
Lintel Flashing | ACM | 600 SF
9”X9” Black Floor Tiles | ACM | 2,150 SF
Roof Flashing/Mastic | ACM | 2,200 SF
Mastic on Parapet Walls | ACM | 500 SF
Boiler Flange Gasket** | Assumed ACM | 13 SF
Waterproofing Material on Foundation Walls** | Assumed ACM | 1,500 SF
Electrical Wire Wrap Insulation** (Concealed Service Wires from Con Edison) | Assumed ACM | 100 LF

** - Due to live electricity and/or operational conditions, destructive means of survey (i.e. destructive opening of boiler, etc.), were not employed to identify concealed ACM. In lieu of destructive survey and/or accessibility several concealed building materials were assumed to be ACM.

Refer to Table T1 for details and a summary of asbestos survey findings.

**Lead Based Paint (LBP)**

As per 40 CFR Part 745, TSCA, Title IV (Lead Exposure Reduction), the term “lead-based paint” means paint or other surface coatings that contain lead in excess of 1.0 milligrams per centimeter square (mg/cm²) or 0.5 percent by weight. Based on the XRF screening data, the paint on the following components was identified to be LBP:

- Paint on metal stair components

Overall, the painted surfaces were observed to be in fair condition. Refer to Table T2 for the XRF screening data.

**Universal Waste and Miscellaneous Hazardous Waste Articles**

Universal waste and miscellaneous hazardous waste articles consisting of fluorescent light ballasts, fluorescent light bulbs, incandescent bulbs, etc. were identified throughout the building. Refer to Table T3 for an inventory of universal and hazmat waste articles identified in the building.
PCB Caulk Findings

The PCB survey involved a visual examination of the building of suspect caulking materials, and as applicable, sampling and testing for the presence/absence of PCBs. One (1) composite bulk sample of suspect caulking material was collected from the building and submitted for PCB analysis. Caulking associated with Window openings was identified to be PCB containing. Refer to Table T4 for test results.
1.0 INTRODUCTION

On behalf of Treetop Development, this report by Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) presents hazardous materials (Hazmat) survey findings for the property at 414 Gerard Avenue, Bronx, NY 10451, (Block 2350, Lot 1). This report provides information related to asbestos-containing materials (ACM), lead-based paint (LBP), polychlorinated biphenyls (PCBs) containing caulk and universal waste/miscellaneous hazardous materials waste articles identified in the building.

The remainder of this report presents our observations, findings, laboratory test results of samples collected, plans showing sampling locations, and an itemized inventory of hazmat identified in the building.

2.0 SITE DESCRIPTION

The site is located at 414 Gerard Avenue in the Mott Haven neighborhood of the Bronx, New York and is identified as Block 2350, Lot 1 on the Bronx Borough Tax Map. The about 12,600-square-foot parcel is situated on the southwest corner of the city block bound by East 146th Street to the north, Walton Avenue to the east, East 144th Street to the south, and Gerard Avenue to the west. A manufacturing building with a single cellar level occupies the site footprint. The building was built in 1954 and constructed of concrete and masonry. The HVAC to the building was provided by oil fired boiler in the basement and roof top A/C unit. Hot water to the building was provided by electrical water heater located in the boiler room.

3.0 SURVEY METHODOLOGY

Asbestos-Containing Materials
The asbestos survey was conducted in accordance with EPA protocol outlined in the EPA publication “Asbestos in Buildings”. Suspect ACM was visually identified during a room-by-room, floor-by-floor survey of the building. Suspect ACM was categorized into various homogeneous materials and types, and sampled and analyzed for asbestos content. Sampling and analysis was conducted in accordance with EPA protocol 600/M4-82-020 per 40 CFR 763. Samples collected were properly packaged in individual containers, sealed; catalogued and chain-of-custody documentation was completed.
Quantities of suspect materials were recorded and observations such as physical condition and friability of the materials were also noted. Samples were analyzed by AmeriSci laboratories.

**Lead-Based Paint Screening**

A Heuresis Pb200i X-Ray Fluorescence (XRF) Spectrum Analyzer was used to survey the subject building for the presence of lead-based paint (LBP). The Heuresis Pb200i analyzer uses a cobalt 57 radioactive source and an advanced solid-state radiation detector to generate an x-ray fluorescence spectrum of a painted surface. During the analysis, the intensity of the x-rays is converted by the instrument’s internal software into an estimate of the concentration of lead in the substance being analyzed. The results are interpreted as concentrations of lead in milligrams per square centimeter. This device is a field-screening tool, used to collect multiple readings in a short period of time. The method of measurement is based on spectrometric analysis of lead x-ray fluorescence within a controlled depth of interrogation. The reading is an estimate of lead content in all layers of paint. The results are displayed in milligrams per square centimeter (mg/cm²).

**PCB in Caulk**

The PCB survey involved a visual examination of all building areas and sampling of suspect caulking materials. Composite samples of homogeneous caulking materials were collected from the building and submitted for PCB analysis. Samples were analyzed using USEPA method 8082.

As per the USEPA Code of Federal Regulations (40 CFR 761.3) a PCB containing bulk product is any product which contains a concentration of PCB >50 PPM. Any product which contains <50 PPM PCB is considered a non-PCB product.

**Universal/Hazardous Waste Articles**

As mandated by Subtitle C of the Resource Conservation and Recovery Act (RCRA), EPA promulgated hazardous waste regulations in 1980 to ensure that wastes which pose a threat to human health and the environment should be managed safely. Any waste within a building that makes it potentially harmful to human health or the environment is considered as hazardous waste. Hazardous waste are divided into listed wastes, characteristic wastes, universal wastes, and mixed wastes. The survey
included preparing an inventory of universal and hazmat waste articles.

4.0 ASBESTOS CONTAINING MATERIALS

4.1 Terminology

Suspect Asbestos-Containing Materials
Asbestos was used in certain types of construction and building materials. Until a material is examined using light microscopy or a similar technique, the building material is considered as a suspect asbestos-containing material. A few examples of these materials include floor tiles, ceiling panels, thermal system insulation, fireproofing insulation, roofing materials, etc. Any suspect ACM of unknown asbestos content (that is not tested) should be handled as if it were an asbestos containing material.

Asbestos–Containing Material
A material with an asbestos concentration greater than one percent by weight is considered to be asbestos-containing by the United States Environmental Protection Agency (USEPA). Thus, a material which contains asbestos in concentrations greater than 1% by weight is considered as “positive” while materials that do not contain asbestos or asbestos is detected in concentrations less than one percent by weight are considered as “negative”.

4.2 Files Review

No relevant files were available for our review.

4.3 Observations and Findings

The field survey of the subject building was conducted on August 31, 2017 and September 5, 2017 by Langan’s Sanjay Patel and Parthi Munirathinam, NYCDEP certified asbestos investigators and NYSDOL certified asbestos inspectors. During the survey, suspect materials observed in the building were documented, assessed, quantified, and sampled as necessary. As required by the USEPA, samples were analyzed by individual layer (i.e., floor tile & the associated mastic were analyzed as two (2) separate samples). Bulk samples of the suspect ACM were analyzed using the Polarized Light Microscopy (PLM) analytical methodology in accordance with 40CFR 763 and NESHAP regulations. Non-friable organically bound (NOB) material samples which tested negative via PLM were reanalyzed using transmission electron microscopy.
(TEM). Several suspect materials were identified as having asbestos content greater than one percent by weight and are considered to be “positive” for asbestos in accordance with the USEPA definition of an asbestos-containing material.

Refer to Table T1 for a summary of asbestos survey findings. Refer to Appendix A for the analytical test results and chain of custody documentation. Sampling locations are depicted on Drawings ASL-1 thru ASL-3.

5.0 LEAD-BASED PAINT

The LBP screening was conducted on September 5, 2017 by Langan’s Sanjay Patel, a USEPA-accredited lead inspector. The locations screened primarily consisted of paint on walls, beams, stair components, columns, ladder, radiators, duct, door components, and window components. The building components were observed to have different color surface paint. Overall, the paint on various building components was observed in fair to poor condition with areas of localized damage with peeling and cracking paint observed throughout the building.

A total of forty-nine (49) painted locations were screened for LBP during the survey. The paint on several building components was identified to be LBP. A summary of XRF screening data is provided in Table T2.

6.0 HAZARDOUS WASTE

As mandated by Subtitle C of the Resource Conservation and Recovery Act (RCRA), EPA promulgated hazardous waste regulations in 1980 to ensure that wastes which pose a threat to human health and the environment should be managed safely. Hazardous waste is a waste with properties that makes it potentially harmful to human health or the environment. Hazardous waste are divided into listed wastes, characteristic wastes, universal wastes, and mixed wastes.

During Langan’s survey, a physical inventory of articles which could potentially become hazardous waste was performed which included electrical/electronic building devices, heat transformer systems equipment (i.e. light fixtures, EXIT signs, A/C and HVAC units, etc.), etc. For the purpose of this report, ballasts associated with the lamp fixtures are assumed to contain PCBs; and heat transformer systems are assumed to contain CFCs and/or HCFCs.
An inventory of universal and hazardous waste articles that could become hazardous waste is provided in Table T3.

7.0 POLYCHLORINATED BIPHENYLS (PCBS) CONTAINING CAULK

The PCB survey involved a visual examination of the building and sampling of suspect caulking materials. During the survey, one (1) composite bulk sample of homogeneous caulking was collected from the building and submitted for PCB analysis. Sample was analyzed using USEPA method 8082.

Laboratory test results confirmed the caulk associated with window openings/lintel to be PCB containing with a concentration of greater than 50 PPM. Test results are summarized in Table T4. Refer to Appendix B for the analytical results and bulk sample chain of custody documentation.

8.0 CONCLUSIONS AND RECOMMENDATION

8.1 Asbestos Containing Materials

Regulatory Guidelines and Requirements

Federal
In accordance with the Clean Air Act (CAA), the U.S. Environmental Protection Agency (EPA) established National Emission Standards for hazardous Air Pollutants (NESHAP) to protect the public from exposure to airborne pollutants. Asbestos was one of the air pollutants, which was addressed under the NESHAP 40 CFR Part 61. The purpose of asbestos NESHAP regulations is to protect the public health by minimizing the release of asbestos when facilities, which contain ACM, are being renovated or demolished. EPA is responsible for enforcing regulations related to asbestos during renovations and demolition, however, the CAA allows the EPA to delegate this authority to State and Local Agencies. Even after EPA delegate’s responsibility to a state or Local agency, EPA retains the authority to oversee agency performance and to enforce NESHAP regulations as appropriate.

State
Asbestos in New York State is regulated under the Labor Law Section 906, Part 56 of
Title 12 of the Official Compilation of Codes, Rules, and Regulations. Within the department and for the purpose of the Department of Labor, this part (rule) is known as Industrial Code Rule No. 56 (ICR 56) relating to hazards to the public safety and health, during the removal, encapsulation, or disturbance of friable asbestos, or any handling of ACM that may result in the release of asbestos fiber.

City Regulations
Asbestos Control Program (ACP), Title 15, Chapter 1 of the New York City Department of Environmental Protection (NYCDEP) regulates all asbestos abatement activities occurring within the City of New York. The ACR regulations also require asbestos surveys and abatement work to be performed by a NYCDEP certified asbestos investigator and asbestos workers, respectively.

The New York City Department of Buildings (NYCDOB) requires an ACP notification to be included with the renovation/demolition permit applications. The notification is performed using an ACP 5 or ACP 20/21 forms.

Asbestos containing materials were identified in the building. Refer to Table T1 for a summary of asbestos survey findings.

All confirmed/assumed ACM that would be impacted by proposed renovation/demolition activities will need to be removed prior to demolition. The removal and disposal of ACM must be performed by a NYS-DOL licensed asbestos handling contractor in accordance with Federal, state, and local regulations. Proper notifications must be filed with the US-EPA, NYS-DOL, NYC-DEP and other regulatory agencies prior to performing such activities.

As required by the NYS-DOL and NYC-DEP regulations, the abatement project must be monitored by a NYS-DOL certified project monitor. The project monitor oversees contractor’s work practices and also performs pre, during, and final clearance post abatement air sampling in accordance with the state and city regulations.

8.2 Lead Based Paint

Based on the XRF screening data and comparison of the results to the EPA guidelines,
the paint on stair components was identified to be LBP. Refer to Table T2 for the XRF screening data.

Please note that although the EPA defines lead based paint as paint having lead concentrations equal or greater than 1.0 mg/cm\(^2\), the Occupational Safety and Health Administration (OSHA) considers any concentration of lead in paint to be lead containing paint. Regardless of the lead concentrations in paint, the contractor shall comply with 29 CFR 1926.62, OSHA regulations, and take precautionary measures for dust control and limit employee exposure to lead dust during the renovations.

Painted surfaces that would be impacted by planned activities such as drilling, cutting, scraping, etc. and create dust should be properly addressed by following safe work practices, good housekeeping procedures and/or following proper abatement procedures. Grinding and sanding of paint without HEPA filter exhaust, open flame gas fired torch, unconfined abrasive blasting, and chemical strippers containing methylene chloride or other human carcinogenic chemicals are not recommended.

The Federal Resource Conservation and Recovery Act (RCRA) regulation governs the handling, transportation, and disposal of hazardous materials. Every demolition/renovation debris generator has the responsibility to determine whether the debris exhibits one or more of the characteristic wastes listed in subpart C of 40 CFR Part 261. In the case of demolition debris, lead in LBP is a characteristic waste, and therefore, it is the responsibility of the renovation/demolition debris generator to characterize the waste prior to its disposal and, if found to be hazardous waste as defined by Federal Statutes, to be properly handled and disposed.

### 8.3 Hazardous Waste

Miscellaneous and universal wastes consisting of but not limited to fluorescent light ballasts, fluorescent light bulbs, incandescent bulbs, etc. were identified throughout the building. Refer to Table T3 for an inventory of miscellaneous and universal waste articles identified in the building.

Hazardous waste articles will need to be properly recycled, and/or disposed of at a landfill permitted to accept such waste. The removal, handling, recycling, and disposal
shall be performed in accordance with applicable Federal, State, and local regulations.

8.4 Polychlorinated Biphenyls (PCBs) Containing Caulk

Window/lintel caulking in the building was identified as PCB containing. PCB caulk which would be impacted by planned repair/renovations will need to be properly removed and disposed. Test results are summarized in Table T4.

Building materials (e.g., masonry, wood, concrete) in contact with PCB containing caulk shall be considered contaminated.

Any surrounding building material that is contaminated by PCB-containing caulk is considered PCB bulk product waste if the caulk is still attached to the building materials. PCB-containing caulk and contaminated materials which would be impacted by demolition shall be properly removed and disposed of in accordance with applicable Federal, State and Local regulations.

9.0 LIMITATIONS, EXCEPTIONS AND ASSUMPTIONS

Opinions and recommendations presented in this report apply to site conditions and features as they existed at the time of Langan’s site visit, and those reasonably foreseeable. They cannot necessarily apply to conditions and features of which Langan is unaware and has not had the opportunity to evaluate.

Any suspect building material that is not listed in this report must be assumed to be ACM and treated as such unless otherwise confirmed by laboratory testing.

The conclusions presented in this report are professional opinions based solely upon Langan’s visual observations of accessible areas, laboratory test data and current regulatory requirements. These conclusions are intended exclusively for the purpose stated herein, at the site indicated, and for the project indicated.

It is important to recognize that even the most comprehensive scope of services may fail to detect all asbestos containing materials that may be associated with the property. Langan cannot, therefore, act as insurers and cannot “certify” that all asbestos
containing materials associated with the property have been identified, and no expressed or implied representation or warranty is included or intended in our report, except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.
TABLES
<table>
<thead>
<tr>
<th>Material</th>
<th>Sample ID</th>
<th>Location</th>
<th>Survey Results</th>
<th>Affected by</th>
<th>Notes/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipe and fitting insulation (Exposed)</td>
<td>PI-1</td>
<td>Scattered locations throughout the building</td>
<td>ACM CHRY 50.0%</td>
<td>1,400 LF</td>
<td></td>
</tr>
<tr>
<td>Pipe and fitting insulation (estimated concealed)</td>
<td>PI-1</td>
<td>Walls and ceiling cavities</td>
<td>ACM CHRY 50.0%</td>
<td>100 LF</td>
<td></td>
</tr>
<tr>
<td>Pipe insulation debris</td>
<td>PI-1</td>
<td>Basement - Crawl space near Southside entrance door</td>
<td>ACM CHRY 50.0%</td>
<td>105 SF</td>
<td>Debris of ACM pipe insulation was observed in the crawl space.</td>
</tr>
<tr>
<td>Metal door core insulation</td>
<td>MDI-1</td>
<td>Basement and 1st floor - Selected doors</td>
<td>ACM CHRY 57.1%</td>
<td>260 SF</td>
<td>Thirteen doors were observed with ACM metal door core insulation.</td>
</tr>
<tr>
<td>Boiler insulation</td>
<td>BI-1</td>
<td>Basement - Boiler room</td>
<td>ACM CHRY 36.4%</td>
<td>110 SF</td>
<td></td>
</tr>
<tr>
<td>Vibration duct cloth</td>
<td>VDC-1</td>
<td>1st floor - Northeast section</td>
<td>ACM CHRY 80.0%</td>
<td>10 SF</td>
<td></td>
</tr>
<tr>
<td>Electrical ebony board</td>
<td>EB-1</td>
<td>Basement and 1st floor</td>
<td>ACM CHRY 25.0%</td>
<td>65 SF</td>
<td></td>
</tr>
<tr>
<td>Glue associated with ceramic wall tile/mirror</td>
<td>CETG-1</td>
<td>Basement - Southwest section</td>
<td>ACM CHRY 5.3%</td>
<td>200 SF</td>
<td></td>
</tr>
<tr>
<td>Lintel flashing</td>
<td>LF-1</td>
<td>Perimeter walls (Concealed behind brick)</td>
<td>ACM CHRY 2.4%</td>
<td>600 SF</td>
<td></td>
</tr>
<tr>
<td>9&quot;x9&quot; black floor tiles</td>
<td>FT-2</td>
<td>1st floor - Southeast section</td>
<td>ACM CHRY 7.2%</td>
<td>2,150 SF</td>
<td>Floor tiles were observed in damage condition at scattered locations. Mastic shall be</td>
</tr>
<tr>
<td>Mastic Associated with 9&quot;x9&quot; black floor tiles</td>
<td>FT-2</td>
<td>1st floor - Northeast section</td>
<td>Non-ACM CHRY &lt;1.0%</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>Roof flashing/mastic</td>
<td>RF-1</td>
<td>Main roof</td>
<td>ACM</td>
<td>2,200 SF</td>
<td></td>
</tr>
<tr>
<td>Mastic on parapet walls</td>
<td>MA-1</td>
<td>Main roof</td>
<td>ACM</td>
<td>500 SF</td>
<td></td>
</tr>
<tr>
<td>Boiler flange gasket</td>
<td>--</td>
<td>Basement - Boiler room</td>
<td>Assumed ACM</td>
<td>--</td>
<td>13 SF Boiler flange gasket may exist concealed between the interior flanges.</td>
</tr>
<tr>
<td>Waterproofing material on foundation walls</td>
<td>--</td>
<td>Basement</td>
<td>Assumed ACM</td>
<td>--</td>
<td>1,500 SF Waterproofing material may exist on foundation walls.</td>
</tr>
<tr>
<td>Electrical wire wrap insulation</td>
<td>--</td>
<td>Basement</td>
<td>Assumed ACM</td>
<td>--</td>
<td>100 LF Electrical wire wrap insulation may exist on main feeder cables between the street and the building.</td>
</tr>
</tbody>
</table>

**Non-ACM**

<table>
<thead>
<tr>
<th>Material</th>
<th>Sample ID</th>
<th>Location</th>
<th>Survey Results</th>
<th>Notes/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flue patch cement</td>
<td>FPC-1</td>
<td>Basement</td>
<td>Non-ACM</td>
<td>-- SF</td>
</tr>
<tr>
<td>Material</td>
<td>Sample ID</td>
<td>Location</td>
<td>Survey Results</td>
<td>Estimated Quantity</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>-----------</td>
<td>---------------------------------</td>
<td>----------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>Masonry mortar</td>
<td>MM-1</td>
<td>Throughout</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Gypsum board</td>
<td>SHT-1</td>
<td>Rooms</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Gypsum board joint compound</td>
<td>SHJC-1</td>
<td>Rooms</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Electrical wire insulation</td>
<td>EWI-1</td>
<td>Throughout</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Tectum ceiling panel</td>
<td>TCP-1</td>
<td>1st floor</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Carpet glue</td>
<td>CG-1</td>
<td>1st floor - Office</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Bedding mortar associated with terrazzo floor</td>
<td>TBM-1</td>
<td>Basement - Southwest section</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Wall plaster</td>
<td>WP</td>
<td>Basement - Southwest section</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Plaster associated with metal beams</td>
<td>BPI</td>
<td>Throughout</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Terrazzo floor</td>
<td>TF-1</td>
<td>Basement - Southwest section</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Fire bricks</td>
<td>FB-1</td>
<td>Basement - Boiler room</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Window glazing</td>
<td>WG-1</td>
<td>Perimeter walls</td>
<td>Non-ACM</td>
<td>CHRY Trace</td>
</tr>
<tr>
<td>Window glazing</td>
<td>WG-1</td>
<td>Perimeter walls</td>
<td>Non-ACM</td>
<td>ANTH Trace</td>
</tr>
<tr>
<td>Door window glazing</td>
<td>DG-1</td>
<td>Perimeter walls</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>12&quot;x12&quot; ceiling tiles</td>
<td>CTG-1</td>
<td>Basement - Southwest section</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Glue associated with 12&quot;x12&quot; ceiling tiles</td>
<td>CTG-1</td>
<td>Basement - Southwest section</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Mortar associated with block glass window</td>
<td>TWM-1</td>
<td>Basement and 1st floor</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Stair step covering</td>
<td>SSC-1</td>
<td>Staircases</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Glue associated with stair step covering</td>
<td>SSC-1</td>
<td>Staircases</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Black linoleum floor covering under carpet</td>
<td>LC-1</td>
<td>1st floor - Office</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Glue associated with black linoleum floor covering under carpet</td>
<td>LC-1</td>
<td>1st floor - Office</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Black baseboard</td>
<td>BB-1</td>
<td>1st floor - Office</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Glue associated with black baseboard</td>
<td>BB-1</td>
<td>1st floor - Office</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>12&quot;x12&quot; gray mottled floor tile</td>
<td>FT-1</td>
<td>Stair landing and restrooms</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Glue associated with 12&quot;x12&quot; gray mottled floor tile</td>
<td>FT-1</td>
<td>Stair landing and restrooms</td>
<td>Non-ACM</td>
<td>--</td>
</tr>
<tr>
<td>Material</td>
<td>Sample ID</td>
<td>Location</td>
<td>Survey Results</td>
<td>Estimated Quantity Affected by Scope of Work</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>-----------</td>
<td>---------------------------------</td>
<td>----------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>9&quot;x9&quot; dark gray floor tiles under purgo floor</td>
<td>FT-3</td>
<td>1st floor - Space outside the office</td>
<td>Non-ACM</td>
<td>SF</td>
</tr>
<tr>
<td>Mastic associated with 9&quot;x9&quot; dark gray floor tiles under purgo floor</td>
<td>WLC-1</td>
<td>Perimeter walls</td>
<td>Non-ACM</td>
<td>SF</td>
</tr>
<tr>
<td>Window/lintel caulking</td>
<td>RM-1-L1</td>
<td>Main roof</td>
<td>Non-ACM</td>
<td>SF</td>
</tr>
<tr>
<td>Built-up roofing materials</td>
<td>RM-1-L2</td>
<td>Main roof</td>
<td>Non-ACM</td>
<td>SF</td>
</tr>
<tr>
<td></td>
<td>RM-1-L3</td>
<td>Main roof</td>
<td>Non-ACM</td>
<td>SF</td>
</tr>
<tr>
<td></td>
<td>RM-1-L4</td>
<td>Main roof</td>
<td>Non-ACM</td>
<td>SF</td>
</tr>
<tr>
<td>Electrical wires</td>
<td>--</td>
<td>Throughout</td>
<td>Non-Suspect</td>
<td>SF</td>
</tr>
<tr>
<td>Purgo wood floor</td>
<td>--</td>
<td>Out side the office area - 1st floor</td>
<td>Non-Suspect</td>
<td>SF</td>
</tr>
</tbody>
</table>

1 A material with asbestos content greater than one percent (>1.0%) is considered as an asbestos-
2 ND = “None Detected” – Asbestos not detected in sampled material.
3 CHRY = Chrysotile Asbestos
4 ANTH = Anthophyllite Asbestos
## Table - T2 - XRF Screening Results

### 414 Gerard Avenue (Block: 2350, Lot: 1), Bronx, New York

<table>
<thead>
<tr>
<th>Survey ID</th>
<th>Component</th>
<th>Substrate</th>
<th>Color</th>
<th>Test Location</th>
<th>Total Lead mg/cm²</th>
<th>Results</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Calibration</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Calibration</td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>3</td>
<td>Window Lintel</td>
<td>Metal</td>
<td>White</td>
<td>Exterior</td>
<td>0.1</td>
<td>NEGATIVE</td>
<td></td>
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<tr>
<td>4</td>
<td>Window Lintel</td>
<td>Metal</td>
<td>White</td>
<td>Exterior</td>
<td>0.1</td>
<td>NEGATIVE</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Door</td>
<td>Wood</td>
<td>Gray</td>
<td>Exterior</td>
<td>0</td>
<td>NEGATIVE</td>
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<tr>
<td>6</td>
<td>Door Frame</td>
<td>Metal</td>
<td>Gray</td>
<td>Exterior</td>
<td>0.4</td>
<td>NEGATIVE</td>
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<tr>
<td>7</td>
<td>Shutter Door Frame Metal</td>
<td>Brown</td>
<td>Exterior</td>
<td>0</td>
<td>NEGATIVE</td>
<td></td>
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<td>8</td>
<td>Handrail</td>
<td>Metal</td>
<td>Gray</td>
<td>Stair Landing</td>
<td>2.6</td>
<td>POSITIVE</td>
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<tr>
<td>9</td>
<td>Stair</td>
<td>Metal</td>
<td>Gray</td>
<td>Stair Landing</td>
<td>1.6</td>
<td>POSITIVE</td>
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<td>Stair-Post</td>
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<tr>
<td>11</td>
<td>Wall</td>
<td>Concrete</td>
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<td>Basement</td>
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<td>12</td>
<td>Pipe</td>
<td>Metal</td>
<td>Gray</td>
<td>Basement</td>
<td>0</td>
<td>NEGATIVE</td>
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**Survey Dates:** 9/5/2017

**Total Assays Reported:** 59
### Table - T2 - XRF SCREENING RESULTS

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**NEGATIVE** = Negative Lead Result  
**POSITIVE** = Positive Lead Result

**DAILY CALIBRATIONS**

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Table - T2 - XRF SCREENING RESULTS
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NEGATIVE = Negative Lead Result
POSITIVE = Positive Lead Result

DAILY CALIBRATIONS
Date: 9/5/2017
Calibration Check
Good
## Table - T2 - XRF SCREENING RESULTS

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### Notes
- Floor tiles were observed in damage condition at scattered locations. Mastic shall be treated as asbestos contaminated.
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NEGATIVE = Negative Lead Result
POSITIVE = Positive Lead Result

DAILY CALIBRATIONS
Date: 9/5/2017
Calibration Check
Good
### Table - T2 - XRF Screening Results

414 Gerard Avenue (Block: 2350, Lot: 1), Bronx, New York

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**Site Address:** 414 Gerard Avenue (Block: 2350, Lot: 1), Bronx, New York

**Calibration:**

**Results:**

- **NEGATIVE**
- **POSITIVE**

**Comments:**

- **at scattered locations. Mastic shall be treated as asbestos contaminated.**
## Table - T2 - XRF SCREENING RESULTS

414 Gerard Avenue (Block: 2350, Lot: 1), Bronx, New York

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NEGATIVE = Negative Lead Result  
POSITIVE = Positive Lead Result

### DAILY CALIBRATIONS

Date: 9/5/2017  
Calibration Check  
Good
Table - T2 - XRF SCREENING RESULTS

414 Gerard Avenue (Block: 2350, Lot: 1), Bronx, New York

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**DAILY CALIBRATIONS**

Date: 9/5/2017

Calibration Check

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<td>46</td>
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<tr>
<td>47</td>
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<td>Beige</td>
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</tr>
<tr>
<td>48</td>
<td>Wall</td>
<td>Gypsum Board</td>
<td>Beige</td>
<td>1st Floor</td>
<td>0.2</td>
<td>NEGATIVE</td>
<td></td>
</tr>
</tbody>
</table>

Table - T2 - XRF SCREENING RESULTS

414 Gerard Avenue (Block: 2350, Lot: 1), Bronx, New York

- Calibration: 1
- Window Lintel: Metal, White, Exterior, 0.1 mg/cm², NEGATIVE
- Door: Metal, 0 mg/cm², NEGATIVE
- Door Frame: Metal, Gray, Exterior, 0.4 mg/cm², NEGATIVE
- Shutter Door Frame: Metal, Brown, Exterior, 0 mg/cm², NEGATIVE
- Handrail: Metal, Gray, Stair Landing, 2.6 mg/cm², POSITIVE
- Stair-Post: Metal, Gray, Stair Landing, 3.1 mg/cm², POSITIVE
- Wall: Concrete, gray, Basement, 0.5 mg/cm², NEGATIVE
- Pipe: Metal, Gray, Basement, 0 mg/cm², NEGATIVE
- Wall: Concrete, Green, Basement, 0.4 mg/cm², NEGATIVE
- Column: Gypsum Board, Beige, Basement, 0.3 mg/cm², NEGATIVE
- Wall: Gypsum Board, Peach, Basement, 0.3 mg/cm², NEGATIVE
- Wall: Concrete, Peach, Basement, 0.7 mg/cm², NEGATIVE
- Door: Metal, Black, Basement, 0.2 mg/cm², NEGATIVE
- Door Frame: Metal, Black, Basement, 0.5 mg/cm², NEGATIVE
- Ceiling: Concrete, Peach, Basement, 0.6 mg/cm², NEGATIVE
- Wall: Gypsum Board, Peach, 0.5 mg/cm², NEGATIVE
- Column: Metal, Gray, 0.2 mg/cm², NEGATIVE
- Column: Metal, Gray, 0.3 mg/cm², NEGATIVE
- Wall: Cinder Block, Gray, 0.5 mg/cm², NEGATIVE
- Wall: Cinder Block, White, 0.5 mg/cm², NEGATIVE
- Wall: Cinder Block, White, 0.4 mg/cm², NEGATIVE
- Wall: Cinder Block, Gray, 0.4 mg/cm², NEGATIVE
- Column: Metal, Gray, 0.1 mg/cm², NEGATIVE
- Column: Metal, White, 0.3 mg/cm², NEGATIVE
- Wall: Cinder Block, Gray, 0.4 mg/cm², NEGATIVE
- Wall: Cinder Block, Gray, 0.3 mg/cm², NEGATIVE
- Wall: Cinder Block, White, 0.4 mg/cm², NEGATIVE
- Wall: Cinder Block, White, 0.5 mg/cm², NEGATIVE
- Door: Wood, Beige, 0.2 mg/cm², NEGATIVE
- Door Frame: Metal, Beige, 0.1 mg/cm², NEGATIVE
- Wall: Cinder Block, Beige, 0.2 mg/cm², NEGATIVE
- Wall: Cinder Block, Beige, 0.7 mg/cm², NEGATIVE
- Door: Metal, Beige, 0.2 mg/cm², NEGATIVE
- Door Frame: Metal, Beige, 0.5 mg/cm², NEGATIVE
- Wall: Brick, Gray, 0.3 mg/cm², NEGATIVE
- Wall: Brick, White, 0.2 mg/cm², NEGATIVE
- Beam: Plaster, Black, 0.5 mg/cm², NEGATIVE
- Radiator: Metal, Gray, 0.4 mg/cm², NEGATIVE
- Ladder: Metal, Gray, 0.3 mg/cm², NEGATIVE
- Ladder: Metal, Gray, 0.2 mg/cm², NEGATIVE
- Wall: Gypsum Board, Beige, 0.2 mg/cm², NEGATIVE
- Wall: Gypsum Board, Beige, 0.2 mg/cm², NEGATIVE

Floor tiles were observed in damage condition at scattered locations. Mastic shall be treated as asbestos contaminated.
<table>
<thead>
<tr>
<th>Survey ID#</th>
<th>Component</th>
<th>Substrate</th>
<th>Color</th>
<th>Test Location</th>
<th>Total Lead mg/cm²</th>
<th>Results</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>49</td>
<td>Duct</td>
<td>Metal</td>
<td>Black</td>
<td>1st Floor</td>
<td>0.2</td>
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<tr>
<td>50</td>
<td>Corner Cover</td>
<td>Metal</td>
<td>Yellow</td>
<td>Exterior</td>
<td>0.5</td>
<td>NEGATIVE</td>
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<tr>
<td>51</td>
<td>Shutter Door Frame</td>
<td>Metal</td>
<td>Gray</td>
<td>Exterior</td>
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<td>NEGATIVE</td>
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<td>52</td>
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<td></td>
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<tr>
<td>53</td>
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<td></td>
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</tbody>
</table>

NEGATIVE = Negative Lead Result

POSITIVE = Positive Lead Result

**DAILY CALIBRATIONS**
Date: 9/5/2017
Calibration Check
Good

---

### Table - T2 - XRF SCREENING RESULTS
414 Gerard Avenue (Block: 2350, Lot: 1), Bronx, New York

- **Survey Dates:** 9/5/2017
- **Total Assays Reported:** 59
- **Action Level:** 1.0 mg/cm²

---

### Survey Component Substrate Color Test Location Total Lead mg/cm² Results Comments

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<tr>
<th>49</th>
<th>Duct</th>
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<td>Corner Cover</td>
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<td>Exterior</td>
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<td>Shutter Door Frame</td>
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**Note:**
- **DAILY CALIBRATIONS**
- **Survey Dates:** 9/5/2017
- **Calibration Check:** Good
<table>
<thead>
<tr>
<th>Article/Device</th>
<th>Approx. Quantity</th>
<th>Locations/Comments</th>
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<tbody>
<tr>
<td><strong>UNIVERSAL WASTE GROUP</strong></td>
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<tr>
<td>Fluorescent lamps</td>
<td>500 Units</td>
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<tr>
<td><em><em>WASTE CONTAINING RADIOACTIVE MATERIALS</em> GROUP</em>*</td>
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<tr>
<td>Exit signs</td>
<td>10 Units</td>
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</tr>
<tr>
<td><em><em>PCBs CONTAINING WASTE</em> GROUP</em>*</td>
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<tr>
<td>Fluorescent Light Ballasts</td>
<td>270 Units</td>
<td>--</td>
</tr>
<tr>
<td>Wall mounted electronic devices containing circuit boards with capacitors</td>
<td>10 Units</td>
<td>--</td>
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<tr>
<td>Electrical motors containing capacitors (associated with pumps, fans,</td>
<td>10 Units</td>
<td>Shutter Door Motor, HVAC motor, Overhang Gas Heater</td>
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<tr>
<td>shutter door openers, etc.)</td>
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<td>Motor, Air Compressor Motor.</td>
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<tr>
<td><em><em>WASTE CONTAINING CFCs and/or HCFCs</em> GROUP</em>*</td>
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</tr>
<tr>
<td>Interior mounted A/C, HVAC, Air Handling, cooling units</td>
<td>2 Units</td>
<td>--</td>
</tr>
<tr>
<td>Rooftop mounted A/C, HVAC, Air Handling, cooling units</td>
<td>1 Unit</td>
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<td><strong>MIXED HAZARDOUS WASTE GROUP</strong></td>
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<td>Fire extinguishers</td>
<td>2 Units</td>
<td>Basement and 1st floor</td>
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<td>Unknown Drum filled with Liquid</td>
<td>40 Gallons</td>
<td>Boiler Room</td>
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* - Due to live electricity and building's operations the ballasts associated with the light fixtures and other electrical devices are assumed to contain PCBs; EXIT signs and smoke detectors are assumed to contain radioactive materials; and heat transformer systems are assumed to contain CFCs and/or HCFCs.

MCE - Mercury-Containing Equipment; HID - High Intensity Discharge; MVC - Mercury Vapor Containing; HPS - High Pressure Sodium; MH - Metal Halide; CFCs - Chlorodifluoromethanes (R-12); HCFCs - Hydrofluorocarbons (R-22)
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<th>Material</th>
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<th>Parameter</th>
<th>Result</th>
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<td>WLC-1</td>
<td>Perimeter walls</td>
<td>PCB-1016</td>
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<td>PCB-1221</td>
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<tr>
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</table>
GENERAL NOTES:

1. THIS SKETCH IS PROVIDED TO SHOW APPROXIMATE LOCATIONS OF ASBESTOS SAMPLING LOCATIONS. THE ACTUAL LAYOUT OF THE BUILDING MAY BE DIFFERENT THAN SHOWN. ALSO, THE SKETCH IS NOT TO SCALE, AND THEREFORE, THE PLAN SHALL NOT BE USED FOR ANY OTHER PURPOSES.
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A P P E N D I X A

Laboratory Test Results and Chain of Custody Documentations (Asbestos)
FACSIMILE TELECOPY TRANSMISSION

To: Vijay Patel  
Langan Engineering & Environmental Services  
Fax #: (201) 794-7501

From: Ella Babayeva  
AmeriSci Job #: 217091525  
Subject: ELAP-PLM/TEM 5 day Results

Client Project: 170488401; 414 Gerard Avenue,  
Bronx, NY 10451

Email: vpatel@langan.com, pklich@Langan.com, ddcsei@langan.com, pmunirathinam@langan.com, hpatel@langan.com, bfeury@langan.com, abajrami@langan.com

Date: Monday, September 11, 2017  
Time: 17:34:28  
Number of Pages: 26 (including cover sheet)

Comments:

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Boston • Los Angeles • New York • Richmond
## PLM Bulk Asbestos Report

### Date Received: 09/07/17  
### Date Examined: 09/08/17  
### AmeriSci Job #: 217091525  
### P.O. #: 11480  
### Page 1 of 14

#### Client No. / HGA  
#### Lab No.  
#### Asbestos Present  
#### Total % Asbestos

<table>
<thead>
<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
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<tbody>
<tr>
<td>PI-1-A</td>
<td>217091525-01</td>
<td>Yes</td>
<td>50 %</td>
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<tr>
<td></td>
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<td></td>
<td>(by NYS ELAP 198.1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>by Ella Babayeva</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>on 09/08/17</td>
</tr>
</tbody>
</table>

**Analyst Description:** OffWhite/Grey, Homogeneous, Fibrous, Bulk Material  
**Asbestos Types:** Chrysotile 50.0 %  
**Other Material:** Non-fibrous 50 %

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**Analyst Description:** Bulk Material  
**Asbestos Types:**  
**Other Material:**

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<td>PI-1-C</td>
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**Analyst Description:** Bulk Material  
**Asbestos Types:**  
**Other Material:**

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<th>Client No. / HGA</th>
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<tr>
<td>MDI-1-A</td>
<td>217091525-04</td>
<td>Yes</td>
<td>57.1 %</td>
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<td>Location: Basement - Metal Door Insulation</td>
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<td>(by NYS ELAP 198.1)</td>
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<td></td>
<td></td>
<td></td>
<td>by Ella Babayeva</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>on 09/08/17</td>
</tr>
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</table>

**Analyst Description:** OffWhite, Homogeneous, Fibrous, Bulk Material  
**Asbestos Types:** Chrysotile 57.1 %  
**Other Material:** Non-fibrous 42.9 %

<table>
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<th>Client No. / HGA</th>
<th>Lab No.</th>
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**Analyst Description:** Bulk Material  
**Asbestos Types:**  
**Other Material:**

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See Reporting notes on last page
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<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
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<tbody>
<tr>
<td>BI-1-A</td>
<td>217091525-06</td>
<td>Yes</td>
<td>36.4 %</td>
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<td>Location: Basement, Boiler Room - Boiler Insulation</td>
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<td>(by NYS ELAP 198.1)</td>
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</tbody>
</table>

**Analyst Description:** Grey, Homogeneous, Fibrous, Bulk Material  
**Asbestos Types:** Chrysotile 36.4%  
**Other Material:** Non-fibrous 63.6%

| BI-1-B          | 217091525-07    |                 | NA/PS           |
|                 | Location: Basement, Boiler Room - Boiler Insulation |                  |                  |

**Analyst Description:** Bulk Material  
**Asbestos Types:**  
**Other Material:**

| BI-1-C          | 217091525-08    |                 | NA/PS           |
|                 | Location: Basement, Boiler Room - Boiler Insulation |                  |                  |

**Analyst Description:** Bulk Material  
**Asbestos Types:**  
**Other Material:**

| FPC-1-A         | 217091525-09    | No              | NAD             |
| FPC1            | Location: Basement, Boiler Room - Flue Patch Cement |                  | (by NYS ELAP 198.1) |

**Analyst Description:** Tan, Homogeneous, Non-Fibrous, Cementitious, Bulk Material  
**Asbestos Types:**  
**Other Material:** Non-fibrous 100%

| FPC-1-B         | 217091525-10    | No              | NAD             |
| FPC1            | Location: Basement, Boiler Room - Flue Patch Cement |                  | (by NYS ELAP 198.1) |

**Analyst Description:** Tan, Homogeneous, Non-Fibrous, Cementitious, Bulk Material  
**Asbestos Types:**  
**Other Material:** Non-fibrous 100%

| VDC-1-A         | 217091525-11    | Yes             | 80 %            |
| VDC1            | Location: 1st Flr., 102 - Vibration Duct Cloth |                  | (by NYS ELAP 198.1) |

**Analyst Description:** Grey, Homogeneous, Fibrous, Bulk Material  
**Asbestos Types:** Chrysotile 80.0%  
**Other Material:** Cellulose 15%, Non-fibrous 5%

See Reporting notes on last page
# AmeriSci

**Job #: 217091525**

**Client Name:** Langan Engineering & Environmental Services

## PLM Bulk Asbestos Report

**170488401; 414 Gerard Avenue, Bronx, NY 10451**

<table>
<thead>
<tr>
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<th>Lab No.</th>
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<td>217091525-12</td>
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<td>NA/PS</td>
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<td>VDC1</td>
<td>Location: 1st Fl., 102 - Vibration Duct Cloth</td>
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**Analyst Description:** Bulk Material

**Asbestos Types:**

**Other Material:**

| MM-1-A          | 217091525-13 | No               | NA/PS           |
| MM1             | Location: Exterior - Masonry Mortar                    |

**Analyst Description:** Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material

**Asbestos Types:**

**Other Material:** Non-fibrous 100%

| MM-1-B          | 217091525-14 | No               | NA/PS           |
| MM1             | Location: Interior - Masonry Mortar                    |

**Analyst Description:** Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material

**Asbestos Types:**

**Other Material:** Non-fibrous 100%

| EB-1-A          | 217091525-15 | Yes              | 25%             |
| EB1             | Location: Basement - Ebony Board Asso. With Electrical Panels |

**Analyst Description:** Grey, Homogeneous, Fibrous, Bulk Material

**Asbestos Types:** Chrysotile 25.0%

**Other Material:** Non-fibrous 75%

| EB-1-B          | 217091525-16 | NA/PS           |                 |
| EB1             | Location: 1st Floor - Ebony Board Asso. With Electrical Panels |

**Analyst Description:** Bulk Material

**Asbestos Types:**

**Other Material:**

| SRJC-1-A        | 217091525-17 | No               | NAD             |
| SRJC1           | Location: 1st Floor - Sheet Rock Board Joint Compound |

**Analyst Description:** White, Homogeneous, Non-Fibrous, Bulk Material

**Asbestos Types:**

**Other Material:** Non-fibrous 100%

See Reporting notes on last page
<table>
<thead>
<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
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<td></td>
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<td>by NYS ELAP 198.1 by Ella Babayeva on 09/08/17</td>
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<td>SRJC1</td>
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<td>Asbestos Types:</td>
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<td>Other Material: Non-fibrous 100 %</td>
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<td>SR-1-A</td>
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<td>Asbestos Types:</td>
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<td></td>
<td>Other Material: Cellulose 15%, Non-fibrous 85%</td>
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<td>SR-1-B</td>
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<td>Other Material: Cellulose 20%, Non-fibrous 80%</td>
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<td>EWI-1-A</td>
<td>217091525-21</td>
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<td>EWI1</td>
<td>Location: 1st Floor - Electrical Wire Insulation</td>
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<td></td>
<td>Other Material: Non-fibrous 1.7%</td>
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<td>EWI-1-B</td>
<td>217091525-22</td>
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<td>EWI1</td>
<td>Location: Basement - Electrical Wire Insulation</td>
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<td>Asbestos Types:</td>
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<tr>
<td></td>
<td>Other Material: Fibrous glass 5%, Non-fibrous 8.6%</td>
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<tr>
<td>TCP-1-A</td>
<td>217091525-23</td>
<td>No</td>
<td>NAD</td>
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<td>TCP1</td>
<td>Location: 1st Floor - Textum Ceiling Panel</td>
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<tr>
<td></td>
<td>Other Material: Non-fibrous 11.8%</td>
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</tbody>
</table>

See Reporting notes on last page
### PLM Bulk Asbestos Report

170488401; 414 Gerard Avenue, Bronx, NY 10451

<table>
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<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
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<td>(by NYS ELAP 198.6)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>by Ella Babayeva</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>on 09/08/17</td>
</tr>
<tr>
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<td></td>
<td>by Ella Babayeva</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>on 09/08/17</td>
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<tr>
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<td></td>
<td>by Ella Babayeva</td>
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<td>on 09/08/17</td>
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<td>Non-fibrous 40.4 %</td>
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<td>by Ella Babayeva</td>
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<td>on 09/08/17</td>
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<td><strong>Asbestos Types:</strong></td>
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<td>on 09/08/17</td>
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<td>by Ella Babayeva</td>
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<td></td>
<td>on 09/08/17</td>
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<td><strong>Analyst Description:</strong></td>
<td>White, Homogeneous, Non-Fibrous, Bulk Material</td>
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<tr>
<td><strong>Asbestos Types:</strong></td>
<td>Non-fibrous 100 %</td>
<td></td>
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</tbody>
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See Reporting notes on last page.
## AmeriSci Job #: 217091525
Client Name: Langan Engineering & Environmental Services

**PLM Bulk Asbestos Report**
170488401; 414 Gerard Avenue, Bronx, NY 10451

<table>
<thead>
<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
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<td>by Ella Babayeva</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>on 09/08/17</td>
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<tr>
<td>Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material</td>
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<td>Asbestos Types: Other Material: Non-fibrous 100 %</td>
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</table>

| WP-2            | 217091525-30L1  | No               | NAD              |
|                 |                 |                  | (by NYS ELAP 198.1) |
|                 |                 |                  | by Ella Babayeva |
|                 |                 |                  | on 09/08/17      |
| Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material |
| Asbestos Types: Other Material: Non-fibrous 100 % |

| WP-2            | 217091525-30L2  | No               | NAD              |
|                 |                 |                  | (by NYS ELAP 198.1) |
|                 |                 |                  | by Ella Babayeva |
|                 |                 |                  | on 09/08/17      |
| Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material |
| Asbestos Types: Other Material: Non-fibrous 100 % |

| WP-3            | 217091525-31L1  | No               | NAD              |
|                 |                 |                  | (by NYS ELAP 198.1) |
|                 |                 |                  | by Ella Babayeva |
|                 |                 |                  | on 09/08/17      |
| Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material |
| Asbestos Types: Other Material: Non-fibrous 100 % |

| WP-3            | 217091525-31L2  | No               | NAD              |
|                 |                 |                  | (by NYS ELAP 198.1) |
|                 |                 |                  | by Ella Babayeva |
|                 |                 |                  | on 09/08/17      |
| Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material |
| Asbestos Types: Other Material: Non-fibrous 100 % |

| BPI-1           | 217091525-32    | No               | NAD              |
|                 |                 |                  | (by NYS ELAP 198.1) |
|                 |                 |                  | by Ella Babayeva |
|                 |                 |                  | on 09/08/17      |
| Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material |
| Asbestos Types: Other Material: Non-fibrous 100 % |

See Reporting notes on last page
# AmeriSci Job: 217091525

Client Name: Langan Engineering & Environmental Services

## PLM Bulk Asbestos Report

170488401; 414 Gerard Avenue, Bronx, NY 10451

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<thead>
<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
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<td>BPI-2</td>
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<td>Asbestos Types:</td>
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<td>Location: Basement SW Corner Room - Terrazzo Floor</td>
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<td>Location: Basement SW Corner Room - Terrazzo Floor</td>
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<td>Asbestos Types:</td>
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<td></td>
<td>Other Material: Non-fibrous 100%</td>
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See Reporting notes on last page
# PLM Bulk Asbestos Report

170488401; 414 Gerard Avenue, Bronx, NY 10451

<table>
<thead>
<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
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<td>FB-1-A</td>
<td>217091525-39</td>
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<tr>
<td>FB1</td>
<td>Location: Basement, Boiler Room - Boiler Fire Bricks</td>
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<td></td>
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</tbody>
</table>

**Analyst Description:** Yellow, Homogeneous, Non-Fibrous, Bulk Material  
**Asbestos Types:**  
**Other Material:** Non-fibrous 100%

| FB-1-B           | 217091525-40      | No               | NAD              |
| FB1              | Location: Basement, Boiler Room - Boiler Fire Bricks |

**Analyst Description:** Yellow, Homogeneous, Non-Fibrous, Bulk Material  
**Asbestos Types:**  
**Other Material:** Non-fibrous 100%

| WG-1-A           | 217091525-41      | Yes              | Trace (<0.25 % pc) |
| WG1              | Location: Basement - Window Glazing |

**Analyst Description:** Tan, Homogeneous, Non-Fibrous, Bulk Material  
**Asbestos Types:** Chrysotile <0.25 % pc  
**Other Material:** Non-fibrous 37%

| WG-1-B           | 217091525-42      | No               | NAD              |
| WG1              | Location: 1st Floor - Window Glazing |

**Analyst Description:** White, Homogeneous, Non-Fibrous, Bulk Material  
**Asbestos Types:**  
**Other Material:** Non-fibrous 3%

| DG-1-A           | 217091525-43      | No               | NAD              |
| DG1              | Location: 1st Floor - Door Glazing |

**Analyst Description:** Tan, Homogeneous, Non-Fibrous, Bulk Material  
**Asbestos Types:**  
**Other Material:** Non-fibrous 9%

| DG-1-B           | 217091525-44      | No               | NAD              |
| DG1              | Location: Basement - Door Glazing |

**Analyst Description:** Tan, Homogeneous, Non-Fibrous, Bulk Material  
**Asbestos Types:**  
**Other Material:** Non-fibrous 6.5%

---

See Reporting notes on last page
### PLM Bulk Asbestos Report

170488401; 414 Gerard Avenue, Bronx, NY 10451

### Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos
---|---|---|---
CTG-1-A | 217091525-45L1 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
CTG1 | | Location: Basement - Ceiling Tile (12" Sq.) |

**Analyst Description:** Light Brown, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 1 %

CTG-1-A | 217091525-45L2 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
CTG1G | | Location: Basement - Ceiling Tile Glue (12" Sq.) |

**Analyst Description:** Dark Brown, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 43.2 %

CTG-1-B | 217091525-46L1 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
CTG1 | | Location: Basement - Ceiling Tile (12" Sq.) |

**Analyst Description:** Light Brown, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 3.4 %

CTG-1-B | 217091525-46L2 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
CTG1G | | Location: Basement - Ceiling Tile Glue (12" Sq.) |

**Analyst Description:** Dark Brown, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 44.5 %

CWTG-1-A | 217091525-47 | Yes | 5.3 % (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
CWTG1 | | Location: Basement, SW Corner - Ceramic Wall Tiles/Mirror Glue |

**Analyst Description:** Tan, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types: Chrysotile 5.3 %
Other Material: Non-fibrous 26.4 %

CWTG-1-B | 217091525-48 | NA/PS | |
CWTG1 | | Location: Basement, SW Corner - Ceramic Wall Tiles/Mirror Glue |

**Analyst Description:** Bulk Material
Asbestos Types:
Other Material:

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See Reporting notes on last page
**PLM Bulk Asbestos Report**
170488401; 414 Gerard Avenue, Bronx, NY 10451

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<td>Location: Basement - Mortar Asso. With Glass Block Window</td>
<td>by NYS ELAP 198.1</td>
<td>by Ella Babayeva on 09/08/17</td>
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<td></td>
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<td>TWM-1-B</td>
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<td>No</td>
<td>NAD</td>
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<td>Location: 1st Floor - Mortar Asso. With Glass Block Window</td>
<td>by NYS ELAP 198.1</td>
<td>by Ella Babayeva on 09/08/17</td>
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<td>SSC-1-A</td>
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<td>NAD</td>
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<tr>
<td>SSC1</td>
<td>Location: Stair Case - Stair Step Covering</td>
<td>by NYS ELAP 198.6</td>
<td>by Ella Babayeva on 09/08/17</td>
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<td>SSC-1-A</td>
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<td>SSC1G</td>
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<td>by NYS ELAP 198.6</td>
<td>by Ella Babayeva on 09/08/17</td>
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<td>SSC-1-B</td>
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<td>by NYS ELAP 198.6</td>
<td>by Ella Babayeva on 09/08/17</td>
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<td>SSC-1-B</td>
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<td>NAD</td>
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<td>SSC1G</td>
<td>Location: Stair Case - Stair Step Covering Glue</td>
<td>by NYS ELAP 198.6</td>
<td>by Ella Babayeva on 09/08/17</td>
</tr>
</tbody>
</table>

Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 100%

Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 40.1%

Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 36.8%

Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 35.9%

Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material
Asbestos Types:
Other Material: Non-fibrous 34.7%

See Reporting notes on last page
## PLM Bulk Asbestos Report

170488401; 414 Gerard Avenue, Bronx, NY 10451

### Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos
---|---|---|---
LF-1-A | 217091525-53 | Yes | Trace (<0.25 % pc)\(^7\) (EPA 400 PC) by Ella Babayeva on 09/08/17
LF1 | | | Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 6.5 %

LF-1-B | 217091525-54 | Yes | 2.4 % (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
LF1 | | | Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.4 % Other Material: Non-fibrous 11.5 %

LC-1-A | 217091525-55L1 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
LC1 | | | Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.6 %

LC-1-A | 217091525-55L2 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
LC1G | | | Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 5.6 %

LC-1-B | 217091525-56L1 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
LC1 | | | Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 1.7 %

LC-1-B | 217091525-56L2 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
LC1G | | | Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.7 %

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See Reporting notes on last page
### AmeriSci Job #: 217091525
Client Name: Langan Engineering & Environmental Services

## PLM Bulk Asbestos Report
170488401; 414 Gerard Avenue, Bronx, NY 10451

### Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos |
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<td>BB1</td>
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<td>Other Material: Non-fibrous 0.4 %</td>
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<td>BB1G</td>
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<td>Other Material: Non-fibrous 24.3 %</td>
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See Reporting notes on last page.
## PLM Bulk Asbestos Report

170488401; 414 Gerard Avenue, Bronx, NY 10451

### Client No. / HGA | Lab No. | Asbestos Present | Total % Asbestos
--- | --- | --- | ---
FT-1-B | 217091525-60L1 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
FT1 | Location: 1st Floor, Rest Rm. - 12" Square Grey Floor Tiles

**Analyst Description:** Grey, Homogeneous, Non-Fibrous, Bulk Material
**Asbestos Types:**
- Other Material: Non-fibrous 17.8%

---

FT-1-B | 217091525-60L2 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
FT1G | Location: 1st Floor, Rest Rm. - 12" Square Grey Floor Tiles Glue

**Analyst Description:** Yellow, Homogeneous, Non-Fibrous, Bulk Material
**Asbestos Types:**
- Other Material: Non-fibrous 29%

---

FT-2-A | 217091525-61L1 | Yes | 7.2%
FT2 | Location: 1st Floor, SE Room - 9" Sq. Black Floor Tiles

**Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material
**Asbestos Types:**
- Chrysotile 7.2%
- Other Material: Non-fibrous 37.9%

---

FT-2-A | 217091525-61L2 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
FT2M | Location: 1st Floor, SE Room - 9" Sq. Black Floor Tiles Mastic

**Analyst Description:** Brown, Homogeneous, Non-Fibrous, Bulk Material
**Asbestos Types:**
- Other Material: Non-fibrous 27.2%

---

FT-2-B | 217091525-62L1 | N/A | N/A
FT2 | Location: 1st Floor, SE Room - 9" Sq. Black Floor Tiles

**Analyst Description:** Bulk Material
**Asbestos Types:**
- Other Material:

---

FT-2-B | 217091525-62L2 | No | NAD (by NYS ELAP 198.6) by Ella Babayeva on 09/08/17
FT2M | Location: 1st Floor, SE Room - 9" Sq. Black Floor Tiles Mastic

**Analyst Description:** Brown, Homogeneous, Non-Fibrous, Bulk Material
**Asbestos Types:**
- Other Material: Non-fibrous 18.7%

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See Reporting notes on last page.
## PLM Bulk Asbestos Report

170488401; 414 Gerard Avenue, Bronx, NY 10451

<table>
<thead>
<tr>
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<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
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<td>Tiles Under</td>
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<td></td>
<td>by Ella Babayeva</td>
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**Analyst Description:**

- **Dark Grey, Homogeneous, Non-Fibrous, Bulk Material**
- **Other Material:** Non-fibrous

**Asbestos Types:**

- **Other Materials:**

**Reporting Notes:**

1. Sample prepared for analysis by ELAP 198.6 method
2. Analyzed by: Ella Babayeva
3. NAD/NSD = no asbestos detected; NA = not analyzed; NAPS = not analyzed/positive stop. (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NV/LAP 200546-4). ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite of 198.6 for NOB samples for EPA 400 pt at EPA 600/M4-82-020 (NY ELAP Lab 11480). Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: ___________________________ END OF REPORT

Ella Babayeva
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See Reporting notes on last page
**Table I**

Summary of Bulk Asbestos Analysis Results

170488401: 414 Gerard Avenue, Bronx, NY 10451

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<th>Acid Soluble Inorganic %</th>
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# Table I
Summary of Bulk Asbestos Analysis Results  
170488401; 414 Gerard Avenue, Bronx, NY 10451

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170488401: 414 Gerard Avenue, Bronx, NY 10451

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<td>1st Floor, SW Corner - 9&quot; Sq. Grey Dark Floor Tiles Under Wood Floor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See Reporting notes on last page
# Table I

## Summary of Bulk Asbestos Analysis Results

170488401: 414 Gerard Avenue, Bronx, NY 10451

<table>
<thead>
<tr>
<th>AmerSci Sample #</th>
<th>Client Sample#</th>
<th>HG Area</th>
<th>Sample Weight (gram)</th>
<th>Heat Sensitive Organic %</th>
<th>Acid Soluble Inorganic %</th>
<th>Insoluble Non-Asbestos Inorganic %</th>
<th>** Asbestos % by PLM/DS</th>
<th>** Asbestos % by TEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>64L2</td>
<td>FT-3-B</td>
<td>FT3M</td>
<td>0.192</td>
<td>35.7</td>
<td>20.3</td>
<td>44.0</td>
<td>NAD</td>
<td>NAD</td>
</tr>
</tbody>
</table>

Location: 1st Floor, SW Corner - 9" Sq. Grey Dark Floor Tiles Mastic Under Wood Floor

Analyzed by: Mark Peysakhov

Date Analyzed 9/11/2017

**Quantitative Analysis (Semi/Ful): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Ful) by EPA 600/R-83/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite. Quantification for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses): NVLAP (PLM) 200540-0, NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: __________________________
**CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST**

---

**#217091525**

**Project Name:**
414 Gerard Avenue, Bronx, NY

**Address:**
10451

**Auth. By:**
Vijay Patel

**Phone No.:**
973-660-4901

**Sampling Date:**
9/5/2017

**Langan Job No.:**
170482401

**Sampled By/ License #:**
SANJAY PATEL / NYC115945/NYS98-10216

PARTHIBAN MUNIRATHINAM / NYC-126553, NYS 11-21477

<table>
<thead>
<tr>
<th>Sample ID Number</th>
<th>Description of Sample</th>
<th>Sample Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PI-1-A</td>
<td>Pine Insulation</td>
<td>Basement</td>
</tr>
<tr>
<td>PI-1-B</td>
<td></td>
<td>1st Floor</td>
</tr>
<tr>
<td>PI-1-C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MDI-1-A</td>
<td>Metal door Insulation</td>
<td>Basement</td>
</tr>
<tr>
<td>MDI-1-B</td>
<td></td>
<td>1st Floor</td>
</tr>
<tr>
<td>BI-1-A</td>
<td>Boiler Insulation</td>
<td>Basement - Boiler</td>
</tr>
<tr>
<td>BI-1-B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BI-1-C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FPC-1-A</td>
<td>Flue patch cement</td>
<td>Basement</td>
</tr>
<tr>
<td>FPC-1-B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FPC-1-C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>VDC-1-A</td>
<td>Vibrating Duct Cloths</td>
<td>1st Flr. - 102</td>
</tr>
<tr>
<td>VDC-1-B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MM-1-A</td>
<td>Masonry Mortar</td>
<td>Exterior</td>
</tr>
<tr>
<td>MM-1-B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total No. of Samples:**
14

**Turnaround Request:**
Stop analysis @ 1st positive (>1% by weight) for each homogenous sample group.

**Instructions:**
Please e-mail results to vpatel@langan.com, pmunirathinam@langan.com, abajrami@langan.com

---

**Laboratory:**
Parthiban Munirathinam

**Date:** 9-5-17

**Time:** 1840

**Received by:**

**Company:** LANGAN

**Laboratory Name:**
#217091525

**Project Name:**
414 Gerard Avenue, Bronx, NY

**Address:**
10451

**Sampled By:**
SANJAY PATEL / NYC115945/NYS96-10216

**Langan Job No.:**
170488401

**Sampling Date:**
9/5/2017

**License #:**
PARTHIBAN MUNIRATHINAM/ NYC-126650, NYS 11-21477

<table>
<thead>
<tr>
<th>EB-1-A</th>
<th>Ebony board Asso. with Basement</th>
<th>1st flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP-6C-1-B</td>
<td>Electrical panel</td>
<td>1st flow</td>
</tr>
<tr>
<td>SP-1-A</td>
<td>Sheet rock board</td>
<td>Basement</td>
</tr>
<tr>
<td>EWI-1-A</td>
<td>Electrical Wire Insulation</td>
<td>Basement</td>
</tr>
<tr>
<td>TCP-1-A</td>
<td>Tectum Ceiling Panel</td>
<td>1st flow</td>
</tr>
<tr>
<td>CH-1-A</td>
<td>Carpet Glue</td>
<td>1st flow-office</td>
</tr>
<tr>
<td>TBM-1-A</td>
<td>Terrazo</td>
<td>Basement</td>
</tr>
</tbody>
</table>

**Analysis Requested for:**
- Asbestos
- Lead
- PCB

**Results:**
- PLM
- PLM-NOB
- TEM
- AAS
- TCLP

**EPA Method:**
- 8082

**Total No. of Samples:**
14

**Turnaround Request:**
Stop analysis @ 1st positive (>1% by weight) for each homogenous sample group.

**Instructions:**
Please e-mail results to vpate1@gan.com, pmunirathinam@gan.com, abajam@gmail.com

**Reinstructed By:**
Parthiban Munirathinam

**Date:**
9-5-17

**Time:**
1640

**Company:**
LANGAN

**Laboratory Name:**

**Laboratory:**
LANGAN

**Phone:**
973-590-4900

**Fax:**
973-590-4901
**Project Name:** 414 Gerard Avenue, Bronx, NY 10451

**Address:** 414 Gerard Avenue, Bronx, NY 10451

**Auth. By:** Vijay Patel

**Langan Job No.:** 170488401

**Phone No.:** 973-560-4901

**Sampling Date:** 9/5/2017

**Sampled By:** SANJAY PATEL / NYC115945/NYS-10215

**License #:** PARTHIBAN MUNIRATHINAM / NYC-126650, NYS 11-21477

<table>
<thead>
<tr>
<th>Sample ID Number</th>
<th>Description of Sample</th>
<th>Sample Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>WP-1</td>
<td>Wall Plaster - 2 layers</td>
<td>Basement - SW Corner</td>
</tr>
<tr>
<td>WP-2</td>
<td>Wall 4-W - White</td>
<td>Basement</td>
</tr>
<tr>
<td>WP-3</td>
<td>Beam Plaster - 1 layer</td>
<td>Basement</td>
</tr>
<tr>
<td>BPI-1</td>
<td>Beam Plaster - 1 layer</td>
<td>1st Floor</td>
</tr>
<tr>
<td>BPI-2</td>
<td>Beam Plaster - 1 layer</td>
<td>1st Floor</td>
</tr>
<tr>
<td>BPI-3</td>
<td>Beam Plaster - 1 layer</td>
<td>1st Floor</td>
</tr>
<tr>
<td>BPI-4</td>
<td>Beam Plaster - 1 layer</td>
<td>1st Floor</td>
</tr>
<tr>
<td>BPI-5</td>
<td>Beam Plaster - 1 layer</td>
<td>1st Floor</td>
</tr>
<tr>
<td>TF-1-A</td>
<td>Terra Cotta Floor</td>
<td>Basement - SW Corner</td>
</tr>
<tr>
<td>FB-1-A</td>
<td>Boiler Fire Bricks</td>
<td>Basement - Burner</td>
</tr>
<tr>
<td>WG-1-A</td>
<td>Window Glazing</td>
<td>1st Floor</td>
</tr>
</tbody>
</table>

**Total No. of Samples:** 14

**Turnaround Request:**
- Stop analysis @ 1st positive (>1% by weight) for each homogenous sample group.

**Instructions:**
- Please e-mail results to vpatel@langan.com, pnumiratham@langan.com, abajrami@langan.com

**Received By:** Amer, 2017

**Company:** LANGAN

**Laboratory Name:** Langan

**Date:** 9-5-17

**Time:** 1840
### CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

**Project Name:**

**Address:** 414 Gerard Avenue, Bronx, NY

**Auth. By:**

**Phone No:**

**Phone No:**

**Sampling Date:** 9/5/2017

**Sampled By:** SANJAY PATEL / NYC115645/NYS98-10915

**Sample ID Number:** PARTHIBAN MUNIRATHINAM / NYC-126650, NYS 11-21477

<table>
<thead>
<tr>
<th>Sample ID Number</th>
<th>Description of Sample</th>
<th>Sample Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>DG-1-A</td>
<td>Door Glazing</td>
<td>1st Floor</td>
</tr>
<tr>
<td></td>
<td>1-B</td>
<td>Basement</td>
</tr>
<tr>
<td>CTG-1-A</td>
<td>Ceiling Tile &amp; glue</td>
<td>Basement</td>
</tr>
<tr>
<td></td>
<td>(12” sq.)</td>
<td></td>
</tr>
<tr>
<td>CWG-1-A</td>
<td>Ceramic Wall tile/Mirror</td>
<td>Basement</td>
</tr>
<tr>
<td></td>
<td>1-B</td>
<td></td>
</tr>
<tr>
<td>TWG-1-A</td>
<td>Mirror Asso. with Glass</td>
<td>Basement</td>
</tr>
<tr>
<td></td>
<td>1-B</td>
<td></td>
</tr>
<tr>
<td>SSM-1-A</td>
<td>Stair Step Cover &amp; glue</td>
<td>1st Floor</td>
</tr>
<tr>
<td></td>
<td>1-B</td>
<td></td>
</tr>
<tr>
<td>LF-1-A</td>
<td>Lintel Flashing</td>
<td>Exterior</td>
</tr>
<tr>
<td></td>
<td>1-B</td>
<td></td>
</tr>
<tr>
<td>LC-1-A</td>
<td>Black Linoleum floor &amp; glue</td>
<td>1st Floor - Office</td>
</tr>
<tr>
<td></td>
<td>1-B</td>
<td></td>
</tr>
</tbody>
</table>

**Analysis Requested for Asbestos:**

**Analysis Requested for Lead:**

**Analysis Requested for PCB:**

**Results:**

<table>
<thead>
<tr>
<th>PLM</th>
<th>PLM-NOB</th>
<th>TEM</th>
<th>AAS</th>
<th>TCLP</th>
<th>EPA Method 6082</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

**Duration:**

- 6 Hrs
- 12 Hrs
- 24 Hrs
- 48 Hrs
- 72 Hrs
- 5 days

**Stop analysis @ 1st positive (>1% by weight) for each homogenous sample group.**

**Instructions:** Please e-mail results to vpatel@langan.com, pmunirathinam@langan.com, abajrami@langan.com

**Requisitioned By:** PARTHIBAN MUNIRATHINAM

**Company:** Langan

**Date:** 9-5-12

**Time:** 1840

**Received By:**

**Date:** 9-7-12

**Time:** 145

**Laboratory Name:**
<table>
<thead>
<tr>
<th>Sample ID Number</th>
<th>Description of Sample</th>
<th>Sample Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB-1-A</td>
<td>Baseboard &amp; Glue</td>
<td>1st Fl Wk</td>
</tr>
<tr>
<td>-1-B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FT-1-A</td>
<td>12&quot; square Grey Flowered/</td>
<td>1st Fl Rest</td>
</tr>
<tr>
<td>-1-B</td>
<td>Glue.</td>
<td></td>
</tr>
<tr>
<td>FT-2-A</td>
<td>9&quot; sq. Blue Flowered/Mosaic</td>
<td>1st Fl SE</td>
</tr>
<tr>
<td>-2-B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FT-3-A</td>
<td>9&quot; sq. Grey Dake Flowered</td>
<td>1st Fl SW</td>
</tr>
<tr>
<td>-3-B</td>
<td>Under Wood Flooring</td>
<td></td>
</tr>
</tbody>
</table>

Total No. of Samples: 8

Analysis Requested for Asbestos:
- X
- X
- X
- X
- X
- X
- X
- X

Analysis Requested for Lead:
- X
- X
- X
- X
- X
- X
- X
- X

Analysis Requested for PCB:
- X
- X
- X
- X
- X
- X
- X
- X

EPA Method 8082

Results:
- 6 Hrs
- 12 Hrs
- 24 Hrs
- 48 Hrs
- 72 Hrs
- 5 days

Stop analysis @ 1st positive (>1% by weight) for each homogenous sample group.

Please e-mail results to vpatel@langan.com, pmuniratham@langan.com, abajrami@langan.com

Company: Langan
PLM Bulk Asbestos Report

Langan Engineering & Environmental S
Attn: Vijay Patel
300 Kimball Drive
4th Floor
Parsippany, NJ 07054

Date Received: 09/07/17  Date Examined: 09/08/17  AmeriSci Job #: 217091540
ELAP #: 11480  P.O. #: 09/10/717  RE: 170488401; 414 Gerard Avenue; 414 Gerard Avenue, Bronx, NY

<table>
<thead>
<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM-1-A-L1</td>
<td>217091540-01</td>
<td>No</td>
<td>NAD</td>
</tr>
<tr>
<td>RM1L1</td>
<td>Location: Roof - Up To 1/4&quot; Thick Asphalt Membrane</td>
<td>(by NYS ELAP 198.6) by Jared C. Clarke on 09/08/17</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asbestos Types:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other Material: Non-fibrous 7 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RM-1-A-L2</td>
<td>217091540-02</td>
<td>No</td>
<td>NAD</td>
</tr>
<tr>
<td>RM1L2</td>
<td>Location: Roof - Up To 1/2&quot; Thick Bituminous Roofing Materials On Non-Suspect 1/2&quot; Thick Presswood Insulation</td>
<td>(by NYS ELAP 198.6) by Jared C. Clarke on 09/08/17</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asbestos Types:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other Material: Non-fibrous 5.5 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RM-1-A-L3</td>
<td>217091540-03</td>
<td>No</td>
<td>NAD</td>
</tr>
<tr>
<td>RM1L3</td>
<td>Location: Roof - Up To 1/2&quot; Thick Asphalt Roofing</td>
<td>(by NYS ELAP 198.6) by Jared C. Clarke on 09/08/17</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asbestos Types:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other Material: Non-fibrous 1.3 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RM-1-A-L4</td>
<td>217091540-04</td>
<td>No</td>
<td>NAD</td>
</tr>
<tr>
<td>RM1L4</td>
<td>Location: Roof - Tar Paper On Concrete Deck</td>
<td>(by NYS ELAP 198.6) by Jared C. Clarke on 09/08/17</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asbestos Types:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other Material: Non-fibrous 0.7 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RM-1-B-L1</td>
<td>217091540-05</td>
<td>No</td>
<td>NAD</td>
</tr>
<tr>
<td>RM1L1</td>
<td>Location: Roof - Up To 1/4&quot; Thick Asphalt Membrane</td>
<td>(by NYS ELAP 198.6) by Jared C. Clarke on 09/08/17</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asbestos Types:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other Material: Non-fibrous 8.6 %</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See Reporting notes on last page
**PLM Bulk Asbestos Report**

170488401; 414 Gerard Avenue; 414 Gerard Avenue, Bronx, NY

<table>
<thead>
<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM-1-B-L2</td>
<td>217091540-06</td>
<td>No</td>
<td>NAD</td>
</tr>
<tr>
<td>RM1L2</td>
<td>Location: Roof - Up To 1/2&quot; Thick Bituminus Roofing Materials On Non-Suspect 1/2&quot; Thick Presswood Insulation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material

Asbestos Types:
- Other Material: Fibrous glass Trace, Non-fibrous 5.7%

| RM-1-B-L3        | 217091540-07       | No               | NAD              |
| RM1L3            | Location: Roof - Up To 1/2" Thick Asphalt Roofing |

**Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material

Asbestos Types:
- Other Material: Non-fibrous 0.6%

| RM-1-B-L4        | 217091540-08       | No               | NAD              |
| RM1L4            | Location: Roof - Tar Paper On Concrete Deck |

**Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material

Asbestos Types:
- Other Material: Non-fibrous 1.4%

| RF-1-A           | 217091540-09       | Yes              | 6.9 %            |
| RF1              | Location: Roof - Roof Flashing/Mastic |

**Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material

Asbestos Types: Chrysotile 6.9%

Other Material: Non-fibrous 25.9%

| RF-1-B           | 217091540-10       | NA/PS            |                  |
| RF1              | Location: Roof - Roof Flashing/Mastic |

| MA-1-A           | 217091540-11       | Yes              | 7.7 %            |
| MA1              | Location: Roof - Mastic On Parapet Walls |

**Analyst Description:** Black, Homogeneous, Non-Fibrous, Bulk Material

Asbestos Types: Chrysotile 7.7%

Other Material: Non-fibrous 34.5%

See Reporting notes on last page
## PLM Bulk Asbestos Report

170488401; 414 Gerard Avenue; 414 Gerard Avenue, Bronx, NY

<table>
<thead>
<tr>
<th>Client No. / HGA</th>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA-1-B</td>
<td>217091540-12</td>
<td></td>
<td>NA/PS</td>
</tr>
<tr>
<td>MA1</td>
<td>Location: Roof - Mastic On Parapet Walls</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Analyst Description:** Bulk Material

**Asbestos Types:**

**Other Material:**

---

**Reporting Notes:**

* NAD/NSD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed/positive stop. (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP 200546-D). ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: _______________________________  END OF REPORT
<table>
<thead>
<tr>
<th>AmeriSci Sample #</th>
<th>Client Sample#</th>
<th>HG Area</th>
<th>Sample Weight (gram)</th>
<th>Heat Sensitive Organic %</th>
<th>Acid Soluble Inorganic %</th>
<th>Insoluble Non-Asbestos Inorganic %</th>
<th>** Asbestos % by PLM/DS</th>
<th>** Asbestos % by TEM</th>
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</table>

See Reporting notes on last page
**Table I**

**Summary of Bulk Asbestos Analysis Results**

170488401; 414 Gerard Avenue; 414 Gerard Avenue, Bronx, NY

<table>
<thead>
<tr>
<th>AmeriSci Sample #</th>
<th>Client Sample#</th>
<th>HG Area</th>
<th>Sample Weight (gram)</th>
<th>Heat Sensitive Organic %</th>
<th>Acid Soluble Inorganic %</th>
<th>Insoluble Non-Asbestos Inorganic %</th>
<th><strong>Asbestos % by PLM/DS</strong></th>
<th><strong>Asbestos % by TEM</strong></th>
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</table>

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**Warning Note:** PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: 

---

Date Analyzed: 9/11/2017

---

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-02-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples: NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses): NVLAP (PLM) 200545-0. NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.
**CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST**

**Project Name:** 414 Gerard Avenue  
**Site Address:** 414 Gerard Avenue, Bronx, NY  
**Langan Job No.:** 17048401  
**Sampled By/License #:** SANJAY PATEL / NYC115945/NYS86-10216

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Sample ID</th>
<th>Description of Sample</th>
<th>Sample Location</th>
<th>Analysis Requested for Asbestos</th>
<th>Analysis Requested for Lead</th>
<th>Analysis Requested for PCB</th>
</tr>
</thead>
</table>
| 1             | RM-1-A    | Built-up roofing materials  
L1: Up to 1/4" thick asphalt membrane  
L2: Up to 1/2" thick bituminous roofing materials on non-suspect 1/2" thick presswood insulation  
L3: Up to 1/2" thick asphalt roof  
L4: Tar paper on concrete deck | Roof            | X                               | X                           |                             |
| 2             | RM-1-B    |                                                                                      | Roof            | X                               |                             |                             |
| 3             | RF-1-A    | Roof flashing/mastic                                                                 | Roof            | X                               |                             |                             |
| 4             | RF-1-B    | Roof flashing/mastic                                                                 | Roof            | X                               |                             |                             |
| 5             | MA-1-A    | Mastic on parapet walls                                                             | Roof            | X                               | X                           |                             |
| 6             | MA-1-B    | Mastic on parapet walls                                                             | Roof            | X                               |                             | X                           |

**Total No. of Samples:** 6

**Turnaround Request:**  
Stop analysis @ 1st positive (>1% by weight) for each homogenous sample group. Please e-mail results to spatel@langan.com and vpatel@langan.com.

**Laboratory Instructions:**

**Requisitioned By:** SANJAY PATEL  
**Date:** 9/6/2017  
**Time:** FedEx 10:00  
**Received By:** SANJAY PATEL  
**Date:** 9/17/17  
**Time:** 11:33
# PLM Bulk Asbestos Report

**Langan Engineering & Environmental Services**

**Attn:** Vijay Patel  
300 Kimball Drive  
4th Floor  
Parsippany, NJ 07054

**Date Received:** 09/09/17  
**AmeriSci Job #:** 217091834

**Date Examined:** 09/10/17  
**P.O. #:**

**ELAP #:** 11480  
**Page:** 1 of 1

**RE:** 170488401; 414 Gerard Avenue, Bronx, NY 10451

## Client No. / HGA

<table>
<thead>
<tr>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
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<tbody>
<tr>
<td>WLC-1-A 217091834-01</td>
<td>No</td>
<td>NAD (by NYS ELAP 198.6) by Jared C. Clarke on 09/10/17</td>
</tr>
<tr>
<td>WLC1 Location: 1st Floor - Window / Lintel Caulking</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Analyst Description:** Grey, Homogeneous, Non-Fibrous, Bulk Material  
**Asbestos Types:**  
**Other Material:** Non-fibrous 10.6%

<table>
<thead>
<tr>
<th>Lab No.</th>
<th>Asbestos Present</th>
<th>Total % Asbestos</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLC-1-B 217091834-02</td>
<td>No</td>
<td>NAD (by NYS ELAP 198.6) by Jared C. Clarke on 09/10/17</td>
</tr>
<tr>
<td>WLC1 Location: 1st Floor - Window / Lintel Caulking</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Analyst Description:** Grey, Homogeneous, Non-Fibrous, Bulk Material  
**Asbestos Types:**  
**Other Material:** Non-fibrous 7.7%

---

**Reporting Notes:**

- **NAD/NSD** = no asbestos detected; **NA** = not analyzed; **NA/PS** = not analyzed/positive stop; **(SOF-V)** = Sprayed On Fireproofing containing Vermiculite;  
**((SM-V))** = Surfacing Material containing Vermiculite. PLM Bulk Asbestos Analysis by EPA 800/M4-82-020 per 40 CFR 763 (NV/LAP 2005-48-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantification of vermiculite or 198.6 for NOB samples or EPA 400 pl cat by EPA 600/M4-82-020 (NY ELAP Lab 11480); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843. RI Cert AAL-094, CT Cert PH-0196, Mass Cert AA000054.

**Reviewed By:**

---

**END OF REPORT**
### Table I
**Summary of Bulk Asbestos Analysis Results**
170488401; 414 Gerard Avenue, Bronx, NY 10451

<table>
<thead>
<tr>
<th>AmeriSci Sample #</th>
<th>Client Sample#</th>
<th>HG Area</th>
<th>Sample Weight (gram)</th>
<th>Heat Sensitive Organic %</th>
<th>Acid Soluble Inorganic %</th>
<th>Insoluble Non-Asbestos Inorganic %</th>
<th><strong>Asbestos % by PLM/DS</strong></th>
<th><strong>Asbestos % by TEM</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>WLC-1-A</td>
<td>WLC1</td>
<td>0.198</td>
<td>28.8</td>
<td>60.6</td>
<td>10.6</td>
<td>NAD</td>
<td>NAD</td>
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<tr>
<td>Location: 1st Floor - Window / Lintel Caulking</td>
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<td>02</td>
<td>WLC-1-B</td>
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</tbody>
</table>

**Note:**
- **Quantitative Analysis (Semi/Full):** Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = < 1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantity for beginning weights of < 0.1 grams should be considered as qualitative only. Quantitative analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses): NVLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, AhIA-LAP, LLC (PLM) Lab ID 102843.

**Warning Note:** PLM limitation, only TEM will resolve fibers < 0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: __________________________

Date Analyzed: 9/11/2017

Analyzed by: Aleksandr Barongolts
**CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST**

**Project Name:**

**Address:** 414 Gerard Avenue, Bronx, NY 10451

**Langan Job no.:** 170488401

**Sampled By:** SANJAY PATEL / NYC115946/NYS98-10216

**License #:** PARTHIBAN MUNIRATHINAM / NYC- 128650, NYS 11-21477

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**Description of Sample:** Window lintel/Glazing 1st Floor

**Sample Location:**

**WLC-1-A**

**Analysis:**

- X (Positive)
- X (Positive)

**Total No. of Samples:** 2

**Turnaround Request:**

Stop analysis @ 1st positive (>1% by weight) for each homogenous sample group.

**Instructions:** Please e-mail results to vpatel@langan.com, pmunirathinam@langan.com, abajrami@langan.com

**Received:** [Signature]

**Date:** 9/17/17

**Time:** 11:40

**Company:** LANGAN

**Laboratory Name:**

**Date:** 09-08-12

**Time:** 3PM

**Company:** LANGAN

**Date:** 09-08-12

**Time:** 3PM

**Company:** LANGAN
APPENDIX B

PCB in Caulking Test Results and Chain-of-Custody Documentation
Tuesday, September 12, 2017

Attn: Vijay Patel  
Langan Engineering & Environmental Svcs  
300 Kimball Drive  
4th Floor  
Parsippany NJ 07054

Project ID: #170488401 - 414 GERARD AVE BRONX NY  
Sample ID#s: BY95544

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
NJ Lab Registration #CT-003  
CT Lab Registration #PH-0618  
NY Lab Registration #11301  
MA Lab Registration #M-CT007  
PA Lab Registration #68-03530  
ME Lab Registration #CT-007  
RI Lab Registration #63  
NH Lab Registration #213693-A,B  
VT Lab Registration #VT11301  

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Telephone (860) 645-1102  Fax (860) 645-0823

Page 1 of 10
Analysis Report  
September 12, 2017

FOR: Attn: Vijay Patel  
Langan Engineering & Environmental Svcs  
300 Kimball Drive  
4th Floor  
Parsippany NJ 07054

Sample Information
Matrix: BULK  
Location Code: LANGANNJ  
Rush Request: Standard  
P.O.#: 

Custody Information
Collected by: SP  
Received by: SW  
Analyzed by: see "By" below

Date | Time
--- | ---
09/05/17 | 
09/06/17 | 10:56

Laboratory Data
SDG ID: GBY95544  
Phoenix ID: BY95544

Project ID: #170488401 - 414 GERARD AVE BRONX NY  
Client ID: WLC-1

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**PCB (Soxhlet SW3540C)**

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<td>SW8082A</td>
</tr>
<tr>
<td>PCB-1260</td>
<td>ND</td>
<td>770000</td>
<td>ug/Kg</td>
<td>5000</td>
<td>09/11/17</td>
<td>AW</td>
<td>SW8082A</td>
</tr>
<tr>
<td>PCB-1262</td>
<td>ND</td>
<td>770000</td>
<td>ug/Kg</td>
<td>5000</td>
<td>09/11/17</td>
<td>AW</td>
<td>SW8082A</td>
</tr>
<tr>
<td>PCB-1268</td>
<td>4100000</td>
<td>770000</td>
<td>ug/Kg</td>
<td>5000</td>
<td>09/11/17</td>
<td>AW</td>
<td>SW8082A</td>
</tr>
</tbody>
</table>

**QA/QC Surrogates**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>RL/PQL</th>
<th>Units</th>
<th>Dilution</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>% DCBP</td>
<td>Diluted Out</td>
<td></td>
<td>%</td>
<td>5000</td>
<td>09/11/17</td>
<td>AW</td>
<td>30 - 150 %</td>
</tr>
<tr>
<td>% TCMX</td>
<td>Diluted Out</td>
<td></td>
<td>%</td>
<td>5000</td>
<td>09/11/17</td>
<td>AW</td>
<td>30 - 150 %</td>
</tr>
</tbody>
</table>

Ver 1
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>RL/PQL</th>
<th>Units</th>
<th>Dilution</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
</tr>
</thead>
</table>

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services.

This report must not be reproduced except in full as defined by the attached chain of custody.

---

Phyllis Shiller, Laboratory Director

September 12, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
**QA/QC Report**  
**September 12, 2017**

**QA/QC Data**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Blank</th>
<th>Blk RL</th>
<th>LCS %</th>
<th>LCSD %</th>
<th>LCS RPD</th>
<th>MS %</th>
<th>MSD %</th>
<th>MS RPD</th>
<th>% Rec Limits</th>
<th>% RPD Limits</th>
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<tbody>
<tr>
<td>QA/QC Batch 400415 (ug/Kg), QC Sample No: BY95647 10X (BY95544)</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Polychlorinated Biphenyls - Bulk</td>
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<tr>
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<td>89</td>
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</tr>
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<td></td>
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<tr>
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<td>95</td>
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<td>109</td>
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<td>30</td>
</tr>
<tr>
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<td>170</td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>% DCBP (Surrogate Rec)</td>
<td>99 %</td>
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<td></td>
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<td></td>
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</tr>
<tr>
<td>% TCMX (Surrogate Rec)</td>
<td>90 %</td>
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<td></td>
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</tr>
</tbody>
</table>

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- **RPD** - Relative Percent Difference
- **LCS** - Laboratory Control Sample
- **LCSD** - Laboratory Control Sample Duplicate
- **MS** - Matrix Spike
- **MS Dup** - Matrix Spike Duplicate
- **NC** - No Criteria
- **_intf** - Interference

---

Phyllis Shiller, Laboratory Director
September 12, 2017
<table>
<thead>
<tr>
<th>SampNo</th>
<th>Acode</th>
<th>Phoenix Analyte</th>
<th>Criteria</th>
<th>Result</th>
<th>RL</th>
<th>Criteria</th>
<th>RL Criteria</th>
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<tbody>
<tr>
<td>BY95544</td>
<td>$PCB_SOXR</td>
<td>PCB-1268</td>
<td>NY / Requested PCB RL /</td>
<td>4100000</td>
<td>770000</td>
<td>1000</td>
<td>1000</td>
<td>ug/Kg</td>
</tr>
<tr>
<td>BY95544</td>
<td>$PCB_SOXR</td>
<td>PCB-1262</td>
<td>NY / Requested PCB RL /</td>
<td>ND</td>
<td>770000</td>
<td>1000</td>
<td>1000</td>
<td>ug/Kg</td>
</tr>
<tr>
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<td>$PCB_SOXR</td>
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<td>NY / Requested PCB RL /</td>
<td>ND</td>
<td>770000</td>
<td>1000</td>
<td>1000</td>
<td>ug/Kg</td>
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<td>BY95544</td>
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<td>NY / Requested PCB RL /</td>
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</tr>
<tr>
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<td>ug/Kg</td>
</tr>
<tr>
<td>BY95544</td>
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<td>1000</td>
<td>ug/Kg</td>
</tr>
<tr>
<td>BY95544</td>
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<td>NY / Requested PCB RL /</td>
<td>ND</td>
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<td>1000</td>
<td>1000</td>
<td>ug/Kg</td>
</tr>
<tr>
<td>BY95544</td>
<td>$PCB_SOXR</td>
<td>PCB-1221</td>
<td>NY / Requested PCB RL /</td>
<td>ND</td>
<td>770000</td>
<td>1000</td>
<td>1000</td>
<td>ug/Kg</td>
</tr>
<tr>
<td>BY95544</td>
<td>$PCB_SOXR</td>
<td>PCB-1016</td>
<td>NY / Requested PCB RL /</td>
<td>ND</td>
<td>770000</td>
<td>1000</td>
<td>1000</td>
<td>ug/Kg</td>
</tr>
</tbody>
</table>

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.
The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.
The samples in this delivery group were received at 21.4°C.
(Note acceptance criteria is above freezing up to 6°C)
<table>
<thead>
<tr>
<th>Project Name:</th>
<th>Analysis Requested for Arsenic</th>
<th>Analysis Requested for Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address: 416 Gerland Avenue, Bronx, NY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Langan Job No.: 172488201</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sampled By: SANJAY PATEL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>License #: PARTHIBAN MUNIRATHINAM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample ID Number:</td>
<td>Sample Location: WLC-1 Window/Lintel Cavity</td>
<td>Sample Location: WLC-1 Window/Lintel Cavity</td>
</tr>
</tbody>
</table>

**Sample Description:**
- WLC-1 Window/Lintel Cavity
- Sample Location: 1st Hour

**Analysis Requested:**
- PLM
- PLM-
- TEM
- AAS
- TCLP

**Turnaround Request:**
- 6 Hrs
- 12 Hrs
- 24 Hrs
- 48 Hrs
- 72 Hrs

**Laboratory:**
Stop analysis at 1st positive (>1% by weight) for each homogenous sample group.

**Instructions:**
Please e-mail results to vpste@langan.com, pmunirathinam@langan.com, aabirami@langan.com

**Received By:**
C. Paradice 10/17

**Company:** LANGAN

**Sample ID Number:** WLC-1
Yes, please

Thanks and Regards
Parthi Munirathinam
3476664663

On Wed, Sep 6, 2017 at 2:21 PM -0400, "Christine Paradise" <christine@phoenixlabs.com> wrote:

Confirming our conversation on the telephone, I am to send these samples back to Langan. Is this correct?

Christine Paradise
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Phone: 860-645-1102
Fax: 860-645-0823

From: Parthi Munirathinam <pmunirathinam@iangan.com>
Sent: Wednesday, September 06, 2017 2:15 PM
To: Christine Paradise
Subject: Re: 414 Gerard Avenue, Bronx

Please analyse, I will revise the ccc

Thanks and Regards
Parthi Munirathinam
3476664663

On Wed, Sep 6, 2017 at 10:57 AM -0400, "Christine Paradise" <christine@phoenixlabs.com> wrote:

Good Morning,
We received your samples for the above mentioned project, however we received extra samples that were not listed on the chain of custody. Your sample ID’s on the extra samples are WLC-1-A and WLC-1-B. Should we have these samples?

Christine Paradise

Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester, CT 06040
Phone: 860-645-1102
Fax: 860-645-0823

This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.

This message may contain confidential, proprietary, or privileged information. Confidentiality or privilege is not intended to be waived or lost by erroneous transmission of this message. If you receive this message in error, please notify the sender immediately by return email and delete this message from your system. Disclosure, use, distribution, or copying of a message or any of its attachments by anyone other than the intended recipient is strictly prohibited.
APPENDIX C

Langan’s Certifications and Laboratory Accreditations
ASBESTOS HANDLING LICENSE

Langan Engineering Environmental Surveying and Landscape Architecture, DPC
8th Floor
21 Penn Plaza
360 West 31st Street
New York, NY 10001

FILE NUMBER: 13-70336
LICENSE NUMBER: 70336
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 02/16/2017
EXPIRATION DATE: 02/28/2018

Duly Authorized Representative – Vijay Patel:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko, Director
For the Commissioner of Labor
United States Environmental Protection Agency

This is to certify that

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P. C

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

New York

This certification is valid from the date of issuance and expires May 30, 2018

NY-2233-5
Certification #
May 28, 2015
Issued On

Michelle Price, Chief
Lead, Heavy Metals, and Inorganics Branch
United States Environmental Protection Agency

This is to certify that

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P. C

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

New York

This certification is valid from the date of issuance and expires May 30, 2018

NY-2233-5
Certification #
May 28, 2015
Issued On

Michelle Price, Chief
Lead, Heavy Metals, and Inorganics Branch
LAB ID: 11480

MR. PAUL J. MUCHA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

April 01, 2017

Certificate Expiration Date: April 01, 2018

Dear Mr. Mucha,

Enclosed are certificate(s) of approval issued to your environmental laboratory for the current permit year. The certificate(s) supersede(s) any previously issued one(s) and is(are) in effect through the expiration date listed. Please carefully examine the certificate(s) to insure that the categories, subcategories, analytes, and methods for which your laboratory is approved are correct. In addition, verify that your laboratory's name, address, lead technical director, and identification number are accurate.

Pursuant to NYCRR Subpart 55-2.2, original certificates must be posted conspicuously in the laboratory and copies shall be made available to any client of the laboratory upon request.

Pursuant to NYCRR Subpart 55-2.6, any misrepresentation of the fields of accreditation (category - method - analyte) for which your laboratory is approved may result in denial, suspension, or revocation of your certification. Any use of the Environmental Laboratory Approval Program (ELAP) or National Environmental Laboratory Accreditation Program (NELAP) name, reference to the laboratory's approval status, and/or using the NELAP logo in any catalogs, advertising, business solicitations, proposals, quotations, laboratory analytical reports, or other materials must include the laboratory's ELAP identification number and distinguish between testing for which the laboratory is approved and testing for which the laboratory is not approved.

If you have any questions, please contact ELAP at the New York State Department of Health (NYS DOH), Wadsworth Center, PO Box 509, Albany NY, 12201-0509; by phone at (518) 485-5570; by facsimile at (518) 485-5568; and by email at elap@health.ny.gov.

Sincerely,

Victoria Petti
Director and QA Officer
Environmental Laboratory Approval Program
NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PAUL J. MUCHA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous
Asbestos inFriable Material          Item 198.1 of Manual
EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM Item 198.4 of Manual

Serial No.: 56034

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5070 to verify the laboratory's accreditation status.
NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2018
Issued April 01, 2017

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PAUL J. MUCHA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

NY Lab Id No: 11480

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos

40 CFR 763 APX A No. III
YAMATE, AGARWAL GIBB
NIOSH 7402

Fibers

NIOSH 7400 A RULES

Serial No.: 56035

Property of the New York State Department of Health. Certificates are valid only at the address
shown. must be conspicuously posted and are printed on secure paper. Continued accreditation depends
on successful ongoing participation in the Program. Consumers are urged to call (518) 465-5570 to
verify the laboratory’s accreditation status.
NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2018
Issued April 01, 2017

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. PAUL J. MUCHA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

NY Lab Id No: 11480

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Miscellaneous
Asbestos EPA 100.2

Serial No.: 56033

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-6570 to verify the laboratory's accreditation status.
SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AmeriSci New York
DBA: AmeriSci New York
117 E. 30th Street
New York, NY 10016
Mr. Paul Mucha
Phone: 212-679-8600  Fax: 212-679-2711
Email: pmucha@amerisci.com
http://www.amerisci.com

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200546-0

Bulk Asbestos Analysis

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>18/A01</td>
<td>EPA — Appendix E to Subpart E of Part 763 -- Interim Method of the Determination of Asbestos in Bulk Insulation Samples</td>
</tr>
<tr>
<td>18/A03</td>
<td>EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials</td>
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Airborne Asbestos Analysis

<table>
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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>18/A02</td>
<td>U.S. EPA's &quot;Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions&quot; as found in 40 CFR, Part 763, Subpart E, Appendix A.</td>
</tr>
</tbody>
</table>
Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200546-0

AmeriSci New York
New York, NY

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).

2017-07-01 through 2018-06-30
Effective Dates

For the National Voluntary Laboratory Accreditation Program
September 30, 2015

Tonya Williams-Kassim  
117 East 30th Street  
New York, NY 10016

Dear Ms. Williams-Kassim:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC’s Analytical Accreditation Board (AAB) has approved America Science Team New York, Inc. Dba AmeriSci New York as an accredited Industrial Hygiene laboratory.

Accreditation documentation includes the IHLAP accreditation certificate, scope of accreditation document and a copy of the current AIHA-LAP, LLC license agreement (if your completed agreement is not on file at AIHA-LAP, LLC). The accreditation symbol has been designed for use by all AIHA-LAP, LLC accredited laboratories. If your laboratory chooses to use the symbol in its advertising the laboratory’s accreditation, you must complete and return the AIHA-LAP, LLC license agreement to a Laboratory Accreditation Specialist. Once submitted, an electronic copy of the accreditation symbol will be sent to you. Please inform us if your laboratory does not wish to use the symbol in advertising.

Laboratory accreditation shall be maintained by continued compliance with IHLAP requirements (see Policy Modules 2B and 6), which includes proficient participation in AIHA-LAP, LLC approved proficiency testing, demonstration of competency, or round robin program as indicated on the AIHA-LAP “Approved PT and Round Robin” webpage, its associated Scope/PT table, and as required in Policy Module 6, for all Fields of Testing (FoTs) for which the laboratory is accredited. An accredited laboratory that wishes to expand into a new FoT must submit an updated accreditation application to AIHA-LAP, LLC for review by the AAB.

Any changes in ownership, laboratory location, personnel, FoTs/Methods, or significant procedural changes shall be reported to AIHA-LAP, LLC in writing within twenty (20) business days of the change.

The accreditation certificate is the property of AIHA-LAP, LLC and must be returned to us should your laboratory withdraw or be removed from the IHLAP.

Again, congratulations. If you have any questions, please contact Lauren Schnack, Laboratory Accreditation Specialist, at (703) 846-0716.

Sincerely,

Cheryl O. Morton  
Managing Director  
AIHA Laboratory Accreditation Programs, LLC
AIHA Laboratory Accreditation Programs, LLC

acknowledges that

117 East 30th Street, New York, NY 10016
Laboratory ID: 102843

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑ INDUSTRIAL HYGIENE Accreditation Expires: 08/01/2017
☐ ENVIRONMENTAL LEAD Accreditation Expires:
☐ ENVIRONMENTAL MICROBIOLOGY Accreditation Expires:
☐ FOOD Accreditation Expires:
☐ UNIQUE SCOPES Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Gerald Schultz, CIH
Chairperson, Analytical Accreditation Board

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 14: 03/26/2014

Date Issued: 09/30/2015
AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

**America Science Team New York, Inc. Dba AmeriSci New York**
117 East 30th Street, New York, NY 10016

Laboratory ID: 102843  
Issue Date: 09/30/2015

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory’s current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

**Industrial Hygiene Laboratory Accreditation Program (IHLAP)**

**Initial Accreditation Date: 04/01/2001**

<table>
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<th>IHLAP Scope Category</th>
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<th>Technology sub-type/ Detector</th>
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A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: [http://www.aihaaccreditedlabs.org](http://www.aihaaccreditedlabs.org)
July 31, 2017

Tonya Williams - Kassim
117 East 30th Street
New York, NY 10016

Dear Ms. Williams - Kassim:

AIHA Laboratory Accreditation Programs, LLC (AIHA-LAP, LLC) has approved an extension to your laboratory’s current certificate of accreditation in the Industrial Hygiene Laboratory Accreditation Program (IHLAP). This extension will expire on September 01, 2017. Remember that your laboratory must maintain proficiency per Policy Module 6 in order for the new certificate to be issued.

Your laboratory remains an accredited laboratory in IHLAP. Please keep a copy of this letter with your expired certificate. If you have questions or concerns, please feel free to contact Drake McGregor, Laboratory Accreditation Specialist at (703) 846-0739.

Sincerely,

Cheryl O. Morton
Managing Director
AIHA Laboratory Accreditation Programs, LLC
is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved analytes are listed below:

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Serial No.: 55949

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.
APPENDIX C

HEALTH AND SAFETY PLAN
CONSTRUCTION HEALTH AND SAFETY PLAN

FOR

FORMER ROCKET JEWELRY BOX SITE
414 GERARD AVENUE
BRONX, NEW YORK
Block 2350, Lot 1

Prepared For

Treetop Development
The Glenpointe Centre West
500 Frank W. Burr Boulevard
Teaneck, New Jersey

Prepared By:

Langan Engineering, Environmental, Surveying
and Landscape Architecture, D.P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York

November 2017
Langan Project No. 170488401

LANGAN
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Attachment D  Calibration Log
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* Items to be posted prominently on site, or made readily available to personnel.
1.0 INTRODUCTION

1.1 General

This CONSTRUCTION HEALTH AND SAFETY PLAN (CHASP) was developed to address disturbance of known and reasonably anticipated subsurface contaminants and comply with Occupational Safety and Health Administration (OSHA) Standard 29 CFR 1910.120(b)(4), Hazardous Waste Operations and Emergency Response during anticipated site work at 414 Gerard Avenue in the Bronx, New York, (Bronx Borough Tax Map Block 2350 Lot 1) (“the Site”). This CHASP provides the minimum requirements for implementing site operations during remedial measure activities. All contractors performing work on this site shall implement their own CHASP that, at a minimum, adheres to this CHASP. The contractor is responsible for their own health and safety and that of their subcontractors. Langan personnel will implement this CHASP while onsite.

The management of the day-to-day site activities and implementation of this CHASP in the field is the responsibility of the site Langan Field Team Leader (FTL). Assistance in the implementation of this CHASP can also be obtained from the site Langan Health and Safety Officer (HSO) and the Langan Health and Safety Manager (HSM). Contractors operating on the site shall designate their own FTL, HSO and HSM. The content of this CHASP may change or undergo revision based upon additional information made available to health and safety personnel, monitoring results, or changes in the work plan.

1.2 Site Location and Background

The site is located at 414 Gerard Avenue in the Mott Haven neighborhood of the Bronx, New York and is identified as Block 2350, Lot 1 on the Bronx Borough Tax Map. The about 12,900-square-foot parcel is situated on the southwest corner of the city block bound by East 146th Street to the north, Walton Avenue to the east, East 144th Street to the south, and Gerard Avenue to the west. A manufacturing building with a partial cellar level occupies the site footprint. The building was constructed circa 1954 and the site has a history of industrial use including evidence of petroleum bulk storage.

One 3,000-gallon AST and one suspect tank were identified during the Phase I ESA site reconnaissance. The 3,000-gallon AST was observed inside of a concrete vault in the partial cellar beneath the staircase leading from the entrance off East 144th Street. The suspect tank was observed beneath a non-descript manhole located in the southeastern part of the first floor.

The proposed redevelopment will include demolition of the existing structure to make way for a mixed-use commercial and residential building with two cellar parking levels. According to previous subsurface investigations in the vicinity, the estimated depth to groundwater is about
20 to 25 feet below sidewalk grade and the subsurface conditions generally consist of a 10- to 25-foot layer of fill underlain by glacial till (sand with varying amounts of silt and gravel) followed by a layer of decomposed bedrock and finally bedrock. The depth to bedrock is highly variable. A site location map is provided as Figure 1.

1.3 Summary of Work Tasks

The general categories of work tasks being performed during implementation of site work include, but are not limited to:

1.3.1 Soil Sampling

Soil samples for excavation endpoint or delineation sampling (along with QA/QC samples) may be collected into laboratory-supplied batch-certified clean glassware and submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP).

1.3.2 Stockpiling

Potentially impacted soil may be stockpiled pending laboratory analysis and determining proper off-site disposal. Langan personnel will coordinate with the contractor in stockpiling soils (in accordance with the Soil/Material Management Plan [SMMP], if the SMMP exist).

1.3.3 Aboveground and Underground Storage Tank Excavation and Removal

If encountered, a properly licensed contractor will removed the aboveground storage tank and any underground storage tank(s) found on the site in accordance with the specifications outline in the work plan. The contractor will contact the appropriate utility mark-out system prior to performing excavation activities and work will not commence until the date of the utility mark-out number becomes effective (usually three days). Excavation may include the use of a pneumatic hammer to break concrete or asphalt, as well as an excavator and other equipment required to complete the task as specified in the contractor bid. Consideration should be given to equipping the excavator with a non-sparking loader. Langan personnel will observe the UST excavation and removal.

As part of AST removal and any UST excavation activities, Langan personnel will report when they have observed visual and olfactory indications of possible petroleum impact in soil. Langan personnel will also report concentrations of VOCs in soil above background when using a properly calibrated hand held PID (or equivalent). Visually petroleum impacted soil or soil from the UST excavation having PID concentrations above background will be stockpiled separately pending laboratory analysis.

1.3.4 Characterization of Excavated Material

When required by the Remedial Action Work Plan (RAWP) and/or SMMP, Langan personnel will characterize excavated soil or clean backfill in accordance with Langan standards.
1.3.5 Excavation Backfill

Areas of the site that were over-excavated may be backfilled to development grade (i.e., the grade required to complete construction of the foundation and sidewalk extension). Imported material will consist of clean fill that meets the 6 New York Codes, Rules and Regulations (NYCRR) Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (UU SCOs) or other acceptable fill material such as virgin stone from a permitted mine or quarry or recycled concrete aggregate (RCA), from a New York State Department of Environmental Conservation (NYSDEC)-registered facility in compliance with 6 NYCRR Part 360 registration and permitting requirements for the period of RCA acquisition. Imported RCA must be derived from recognizable and uncontaminated concrete. RCA is not acceptable for, and will not be used as, site cover or drainage material.

1.3.6 Drum Sampling

Excess or impacted soil and water that is drummed during the remedial action activities must be labeled in accordance with the Langan Drum Labeling Standard Operating Procedure (SOP-#9). Langan personnel will collect drum samples, as required, prior to off-site drum disposal. Samples will be placed into laboratory-supplied batch-certified clean glassware and submitted to a NYSDOH ELAP-certified laboratory.

2.0 IDENTIFICATION OF KEY PERSONNEL/HEALTH AND SAFETY PERSONNEL

The following briefly describes the health and safety (H&S) designations and general responsibilities that may be employed for this site. The titles have been established to accommodate the project needs and requirements and ensure the safe conduct of site activities. The H&S personnel requirements for a given work location are based upon the proposed site activities.

2.1 Langan Project Manager

The Langan Environmental Project Manager (PM) is Brian Gochenaur, his responsibilities include:

- Ensuring that this CHASP is developed, current, and approved prior to on-site activities.
- Ensuring that all the tasks in the project are performed in a manner consistent with Langan’s comprehensive Health and Safety Program for Hazardous Waste Operations and this CHASP.

2.2 Langan Corporate Health and Safety Manager

The Langan Corporate Health and Safety Manager (HSM) is Tony Moffa. His responsibilities include:
• Updating the Construction Health and Safety Program for Hazardous Waste Operations.
• Assisting the site Health and Safety Officer (HSO) with development of the CHASP, updating CHASP as dictated by changing conditions, jobsite inspection results, etc. and approving changes to this CHASP.
• Assisting the HSO in the implementation of this CHASP and conducting Jobsite Safety Inspections and assisting with communication of results and correction of shortcomings found.
• Maintaining records on personnel (medical evaluation results, training and certifications, accident investigation results, etc.).

2.3 Langan Site Health & Safety Officer

The Langan site HSO is William Bohrer. His responsibilities include:

• Participating in the development and implementation of this CHASP.
• When on-site, assisting the Langan Field Team Leader in conducting Tailgate Safety Meetings and Jobsite Safety Inspections and correcting any shortcomings in a timely manner.
• Ensuring that proper PPE is available, worn by employees, and properly stored and maintained.
• Controlling entry into and exit from the site contaminated areas or zones.
• Monitoring employees for signs of stress, such as heat stress, fatigue, and cold exposure.
• Monitoring site hazards and conditions.
• Knowing (and ensuring that all site personnel also know) emergency procedures, evacuation routes, and the telephone numbers of the ambulance, local hospital, poison control center, fire department, and police department.
• Resolving conflicts that may arise concerning safety requirements and working conditions.
• Reporting all incidents, injuries and near misses to the Langan Incident/Injury Hotline immediately and the client representative.

2.4 Langan Field Team Leader Responsibilities

The Langan Field Team Leader (FTL) is Michele Rogers. Her responsibilities include:

• The management of the day-to-day site activities and implementation of this CHASP in the field.
• Participating in and/or conducting Tailgate Safety Meetings and Jobsite Safety Inspections and correcting any shortcomings in a timely manner.
• When a Community Air Monitoring Operating Program (CAMP) is part of the scope, the FTL will set up and maintaining community air monitoring activities and instructing the
responsible contractor to implement organic vapor or dust mitigation when necessary.

- Overseeing the implementation of activities specified in the work plan.

### 2.5 Contractor Responsibilities

The contractor shall develop and implement their own CHASP for their employees, lower-tier subcontractors, and consultants. The contractor is responsible for their own health and safety and that of their subcontractors. Contractors operating on the site shall designate their own FTL, HSO and HSM. The contractor’s CHASP will be at least as stringent as this Langan CHASP. The contractor must be familiar with and abide by the requirements outlined in their own CHASP. A contractor may elect to adopt Langan’s CHASP as its own provided that it has given written notification to Langan, but where Langan’s CHASP excludes provisions pertinent to the contractor’s work (i.e., confined space entry); the contractor must provide written addendums to this CHASP. Additionally, the contractor must:

- Ensure their employees are trained in the use of all appropriate PPE for the tasks involved;
- Notify Langan of any hazardous material brought onto the job site or site related area, the hazards associated with the material, and must provide a material safety data sheet (MSDS) or safety data sheet (SDS) for the material;
- Have knowledge of, understand, and abide by all current federal, state, and local health and safety regulations pertinent to the work;
- Ensure their employees handling hazardous materials, if identified at the Site, have received current training in the appropriate levels of 29 CFR 1910.120, *Hazardous Waste Operations and Emergency Response* (HAZWOPER) if hazardous waste is identified at the Site;
- Ensure their employees handling hazardous materials, if identified at the Site, have been fit-tested within the year on the type respirator they will wear; and
- Ensure all air monitoring is in place pertaining to the health and safety of their employees as required by OSHA 1910.120; and
- All contractors must adhere to all federal, state, and local regulatory requirements.

### 3.0 TASK/OPERATION SAFETY AND HEALTH RISK ANALYSES

A Task-Hazard Analysis (Table 1) was completed for general construction hazards that may be encountered at the Site. The potential contaminants that might be encountered during the field activities and the exposure limits are listed in Table 2 complete inventory of MSDS/SDS for chemical products used on site is included as Attachment E.
3.1 Specific Task Safety Analysis

3.1.1 Soil Screening and Sampling

When conducting soil screening and collecting soil samples, Langan personnel will don chemical resistant gloves in addition to the standard personal protection equipment (PPE).

3.1.2 Stockpile Sampling

The Langan personnel are not to scale or otherwise climb stockpiles. If the soil sampling plan requires sampling from the stockpile above ground level, samples are to be obtained using suitable excavation equipment operated by the contractor (i.e. front end loader).

3.1.3 Aboveground and Underground Storage Tank Excavation and Removal

Langan personnel will observe the AST removal and any UST excavation and removal. However they are prohibited from descending into the UST excavation and from inspecting the interior of the AST or UST if the inspection requires that they insert any part of their body pass the plane defining the limited entrance to the AST or UST.

The contractor will inert or otherwise vent the AST or UST prior to disassembly or transport for disposal. Inerting of the AST or UST as well as the excavation of the UST must be monitored using a fully calibrated MultiRAE PID (or equivalent) capable surveying for VOCs and the lower explosion limit (LEL). The excavation is to be monitored by attaching an extension to the PID input such that the open end of the extension can directly monitor the base of the UST excavation. If the PID survey detects VOCs above 5 ppm, work must cease and appropriate VOC suppression should be applied to the excavation. Work can continue when VOC reading in the UST excavation are below 5 ppm and can be maintained below 5 ppm for 15 minutes. If LEL readings exceed 10%, work must cease and all workers must withdraw from the vicinity of the UST excavation. Langan personnel must immediately report the high LEL condition to the PM. Work cannot continue until appropriate actions are taken to maintain the LEL below 10%. The PM is to be contacted if PID or LEL readings interrupt the work schedule.

3.1.4 Drum Sampling

Drilling fluid, rinse water, grossly-contaminated soils samples and cuttings may be containerized in 55-gallon drums for transport and disposal off site. Each drum must be labeled in accordance with the Langan Drum Labeling Standard Operating Procedure (SOP-9). Langan may collect drum samples, as required, prior to off-site drum disposal. Samples will be placed into laboratory-supplied batch-certified clean glassware and submitted to a NYSDOH ELAP-certified laboratory.

Langan employees and contractors are not to move or open any orphaned (unlabeled) drum found on the site without approval of the project manager.
3.2 Radiation Hazards

No radiation hazards are known or expected at the site.

3.3 Physical Hazards

Physical hazards, which may be encountered during site operations for this project, are detailed in Table 1.

3.3.1 Explosion

No explosion hazards are expected for the scope of work at this site.

3.3.2 Heat Stress

The use of Level C protective equipment, or greater, may create heat stress. Monitoring of personnel wearing personal protective clothing should commence when the ambient temperature is 72°F or above. Table 6 presents the suggested frequency for such monitoring. Monitoring frequency should increase as ambient temperature increases or as slow recovery rates are observed. Refer to the Table 7 to assist in assessing when the risk for heat related illness is likely. To use this table, the ambient temperature and relative humidity must be obtained (a regional weather report should suffice). Heat stress monitoring should be performed by the HSO or the FTL, who shall be able to recognize symptoms related to heat stress.

To monitor the workers, be familiar with the following heat-related disorders and their symptoms:

- **Heat Cramps**: Painful spasm of arm, leg or abdominal muscles, during or after work
- **Heat Exhaustion**: Headache, nausea, dizziness; cool, clammy, moist skin; heavy sweating; weak, fast pulse; shallow respiration, normal temperature
- **Heat Stroke**: Headache, nausea, weakness, hot dry skin, fever, rapid strong pulse, rapid deep respirations, loss of consciousness, convulsions, coma. This is a life threatening condition.

Do not permit a worker to wear a semi-permeable or impermeable garment when they are showing signs or symptoms of heat-related illness.

To monitor the worker, measure:

- **Heart rate**: Count the radial pulse during a 30-second period as early as possible in the rest period. If the heart rate exceeds 100 beats per minute at the beginning of the rest period, shorten the next work cycle by one-third and keep the rest period the same. If the heart rate still exceeds 100 beats per minute at the next rest period, shorten the following work cycle by one-third. A worker cannot return to work after a rest period until their heart rate is below 100 beats per minute.
• **Oral temperature**: Use a clinical thermometer (3 minutes under the tongue) or similar device to measure the oral temperature at the end of the work period (before drinking). If oral temperature exceeds 99.6°F (37.6°C), shorten the next work cycle by one-third without changing the rest period. A worker cannot return to work after a rest period until their oral temperature is below 99.6°F. If oral temperature still exceeds 99.6°F (37.6°C) at the beginning of the next rest period, shorten the following cycle by one-third. Do not permit a worker to wear a semi-permeable or impermeable garment when oral temperature exceeds 100.6°F (38.1°C).

**Prevention of Heat Stress** - Proper training and preventative measures will aid in averting loss of worker productivity and serious illness. Heat stress prevention is particularly important because once a person suffers from heat stroke or heat exhaustion, that person may be predisposed to additional heat related illness. To avoid heat stress the following steps should be taken:

• Adjust work schedules.
• Mandate work slowdowns as needed.
• Perform work during cooler hours of the day if possible or at night if adequate lighting can be provided.
• Provide shelter (air-conditioned, if possible) or shaded areas to protect personnel during rest periods.
• Maintain worker’s body fluids at normal levels. This is necessary to ensure that the cardiovascular system functions adequately. Daily fluid intake must approximately equal the amount of water lost in sweat, id., eight fluid ounces (0.23 liters) of water must be ingested for approximately every eight ounces (0.23 kg) of weight lost. The normal thirst mechanism is not sensitive enough to ensure that enough water will be drunk to replace lost sweat. When heavy sweating occurs, encourage the worker to drink more. The following strategies may be useful:
  - Maintain water temperature 50°F to 60°F (10°C to 16.5°C).
  - Provide small disposal cups that hold about four ounces (0.1 liter).
  - Have workers drink 16 ounces (0.5 liters) of fluid (preferably water or dilute drinks) before beginning work.
  - Urge workers to drink a cup or two every 15 to 20 minutes, or at each monitoring break. A total of 1 to 1.6 gallons (4 to 6 liters) of fluid per day are recommended, but more may be necessary to maintain body weight.
  - Train workers to recognize the symptoms of heat related illness.
3.3.3 Cold-Related Illness

If work on this project begins in the winter months, thermal injury due to cold exposure can become a problem for field personnel. Systemic cold exposure is referred to as hypothermia. Local cold exposure is generally called frostbite.

- **Hypothermia** - Hypothermia is defined as a decrease in the patient core temperature below 96°F. The body temperature is normally maintained by a combination of central (brain and spinal cord) and peripheral (skin and muscle) activity. Interference with any of these mechanisms can result in hypothermia, even in the absence of what normally is considered a "cold" ambient temperature. Symptoms of hypothermia include: shivering, apathy, listlessness, sleepiness, and unconsciousness.

- **Frostbite** - Frostbite is both a general and medical term given to areas of local cold injury. Unlike systemic hypothermia, frostbite rarely occurs unless the ambient temperatures are less than freezing and usually less than 20°F. Symptoms of frostbite are: a sudden blanching or whitening of the skin; the skin has a waxy or white appearance and is firm to the touch; tissues are cold, pale, and solid.

**Prevention of Cold-Related Illness** - To prevent cold-related illness:

- Educate workers to recognize the symptoms of frostbite and hypothermia
- Identify and limit known risk factors:
- Assure the availability of enclosed, heated environment on or adjacent to the site.
- Assure the availability of dry changes of clothing.
- Assure the availability of warm drinks.
- Start (oral) temperature recording at the job site:
  - At the FSO or Field Team Leader’s discretion when suspicion is based on changes in a worker’s performance or mental status.
  - At a worker’s request.
  - As a screening measure, two times per shift, under unusually hazardous conditions (e.g., wind-chill less than 20°F, or wind-chill less than 30°F with precipitation).
  - As a screening measure whenever anyone worker on the site develops hypothermia.

Any person developing moderate hypothermia (a core temperature of 92°F) cannot return to work for 48 hours.

3.3.4 Noise

Work activities during the proposed activities may be conducted at locations with high noise levels from the operation of equipment. Hearing protection will be used as necessary.

3.3.5 Hand and Power Tools

The use of hand and power tools can present a variety of hazards, including physical harm from being struck by flying objects, being cut or struck by the tool, fire, and electrocution. All hand
and power tools should be inspected for health and safety hazards prior to use. If deemed unserviceable/un-operable, notify supervisor and tag equipment out of service. Ground Fault Circuit Interrupters (GFCIs) are required for all power tools requiring direct electrical service.

### 3.3.6 Slips, Trips and Fall Hazards

Care should be exercised when walking at the site, especially when carrying equipment. The presence of surface debris, uneven surfaces, pits, facility equipment, and soil piles contribute to tripping hazards and fall hazards. To the extent possible, all hazards should be identified and marked on the site, with hazards communicated to all workers in the area.

### 3.3.7 Utilities (Electrocution and Fire Hazards)

The possibility of encountering underground utilities poses fire, explosion, and electrocution hazards. All excavation work will be preceded by review of available utility drawings and by notification of the subsurface work to the N.Y. One –Call–Center. Potential adverse effects of electrical hazards include burns and electrocution, which could result in death.

### 3.4 Biological Hazards

#### 3.4.1 Animals

No animals are expected to be encountered during site operations.

#### 3.4.2 Insects

Insects are not expected to be encountered during site operations.

### 3.5 Additional Safety Analysis

#### 3.5.1 Presence of Non-Aqueous Phase Liquids (NAPL)

There is potential for exposure to NAPL at this site. Special care and PPE should be considered when NAPL is observed as NAPL is a typically flammable fluid and releases VOCs known to be toxic and/or carcinogenic. If NAPL is present in a monitoring well, vapors from the well casing may contaminate the work area breathing zone with concentrations of VOCs potentially exceeding health and safety action levels. In addition, all equipment used to monitor or sample NAPL (or ground water from wells containing NAPL) must be intrinsically safe. Equipment that directly contacts NAPL must also be resistant to organic solvents.

At a minimum, a PID should be used to monitor for VOCs when NAPL is observed. If NAPL is expected to be observed in an excavation or enclosed area, air monitoring must be started using calibrated air monitoring equipment designed to sound an audio alarm when atmospheric concentrations of VOC are within 10% of the LEL. In normal atmospheric oxygen concentrations, the LEL monitoring may be done with a Wheatstone bridge/catalytic bead type sensor (i.e. MultiRAE). However in oxygen depleted atmospheres (confined space), only an LEL designed to work in low oxygen environments may be used. Best practices require that
the LEL monitoring unit be equipped with a long sniffer tube to allow the LEL unit to remain outside the UST excavation.

When NAPL is present, Langan personnel are required to use disposable nitrile gloves at all times to prevent skin contact with contaminated materials. They should also consider having available a respirator and protective clothing (Tyvek® overalls), especially if NAPL is in abundance and there are high concentrations of VOCs.

All contaminated disposables including PPE and sampling equipment must be properly disposed of in labeled 55-gallon drums

3.6 Job Safety Analysis

A Job Safety Analysis (JSA) is a process to identify existing and potential hazards associated with each job or task so these hazards can be eliminated, controlled or minimized. A JSA will be performed at the beginning of each work day, and additionally whenever an employee begins a new task or moves to a new location. All JSAs must be developed and reviewed by all parties involved. A blank JSA form and documentation of completed JSAs are in Attachment G.

4.0 PERSONNEL TRAINING

4.1 Basic Training

Completion of an initial 40-hour HAZWOPER training program as detailed in OSHA’s 29 CFR 1910.120(e) is required for all employees working on a site engaged in hazardous substance removal or other activities which expose or potentially expose workers to hazardous substances, health hazards, or safety hazards as defined by 29 CFR 1910.120(a). Annual 8-hour refresher training is also required to maintain competencies to ensure a safe work environment. In addition to these training requirements, all employees must complete the OSHA 10 hour Construction Safety and Health training and supervisory personnel must also receive eight additional hours of specialized management training. Training records are maintained by the HSM.

4.2 Initial Site-Specific Training

Training will be provided to specifically address the activities, procedures, monitoring, and equipment for site operations at the beginning of each field mobilization and the beginning of each discrete phase of work. The training will include the site and facility layout, hazards, and emergency services at the site, and will detail all the provisions contained within this CHASP. For a HAZWOPER operation, training on the site must be for a minimum of 3 days. Specific issues that will be addressed include the hazards described in Section 3.0.
4.3 Tailgate Safety Briefings

Before starting work each day or as needed, the Langan HSO will conduct a brief tailgate safety meeting to assist site personnel in conducting their activities safely. Tailgate meetings will be documented in Attachment H. Briefings will include the following:

- Work plan for the day;
- Review of safety information relevant to planned tasks and environmental conditions;
- New activities/task being conducted;
- Results of Jobsite Safety Inspection Checklist;
- Changes in work practices;
- Safe work practices; and
- Discussion and remedies for noted or observed deficiencies.

5.0 MEDICAL SURVEILLANCE

All personnel who will be performing field work involving potential exposure to toxic and hazardous substances (defined by 29 CFR 1910.120(a)) will be required to have passed an initial baseline medical examination, with follow-up medical exams thereafter, consistent with 29 CFR 1910.120(f). Medical evaluations will be performed by, or under the direction of, a physician board-certified in occupational medicine.

Additionally, personnel who may be required to perform work while wearing a respirator must receive medical clearance as required under CFR 1910.134(e), Respiratory Protection. Medical evaluations will be performed by, or under the direction of, a physician board-certified in occupational medicine. Results of medical evaluations are maintained by the HSM.

6.0 PERSONAL PROTECTIVE EQUIPMENT

6.1 Levels of Protection

Langan will provide PPE to Langan employees to protect them from the specific hazards they are likely to encounter on-site. Direct hired contractors will provide their employees with equivalent PPE to protect them from the specific hazards likely to be encountered on-site. Selection of the appropriate PPE must take into consideration: (1) identification of the hazards or suspected hazards; (2) potential exposure routes; and, (3) the performance of the PPE construction (materials and seams) in providing a barrier to these hazards.

Based on anticipated site conditions and the proposed work activities to be performed at the site, Level D protection will be used. The upgrading/downgrading of the level of protection will be based on continuous air monitoring results as described in Section 6.0 (when applicable). The decision to modify standard PPE will be made by the site HSO or FTL after conferring with the PM. The levels of protection are described below.
**Level D Protection (as needed)**

- Safety glasses with side shields or chemical splash goggles
- Safety boots/shoes
- Coveralls (Tyvek® or equivalent)
- Hard hat
- Long sleeve work shirt and work pants
- Nitrile gloves
- Hearing protection
- Reflective safety vest

**Level D Protection (Modified, as needed)**

- Safety glasses with sideshields or chemical splash goggles
- Safety boots/shoes (toe-protected)
- Disposable chemical-resistant boot covers
- Coveralls (polycoated Tyvek or equivalent to be worn when contact with wet contaminated soil, groundwater, or non-aqueous phase liquids is anticipated)
- Hard hat
- Long sleeve work shirt and work pants
- Nitrile gloves
- Hearing protection (as needed)
- Personal floatation device (for work within 5 ft of the water)
- Reflective traffic vest

**Level C Protection (as needed)**

- Full or Half face, air-purifying respirator, with NIOSH approved HEPA filter
- Inner (latex) and outer (nitrile) chemical-resistant gloves
- Safety glasses with side shields or chemical splash goggles
- Chemical-resistant safety boots/shoes
- Hard hat
- Long sleeve work shirt and work pants
- Coveralls (Tyvek® or equivalent)
- Hearing protection (as needed)
- Reflective safety vest

The action levels used in determining the necessary levels of respiratory protection and upgrading to Level C are summarized in Table 4. The written Respiratory Protection Program is maintained by the HSM and is available if needed. The monitoring procedures and equipment are outlined in Section 6.0 (when applicable).
6.2 Respirator Fit-Test

All Langan employees who may be exposed to hazardous substances at the work site are in possession of a full or half face-piece, air-purifying respirator and have been successfully fit-tested within the past year. Fit-test records are maintained by the HSM.

6.3 Respirator Cartridge Change-Out Schedule

Respiratory protection is required to be worn when certain action levels (table 2) are reached. A respirator cartridge change-out schedule has been developed in order to comply with 29 CFR 1910.134. The respirator cartridge change-out schedule for this project is as follows:

- Cartridges shall be removed and disposed of at the end of each shift, when cartridges become wet or wearer experiences breakthrough, whichever occurs first.
- If the humidity exceeds 85%, then cartridges shall be removed and disposed of after 4 hours of use.

Respirators shall not be stored at the end of the shift with contaminated cartridges left on. Cartridges shall not be worn on the second day, no matter how short the time period was the previous day they were used.

7.0 AIR QUALITY MONITORING AND ACTIONS LEVELS

7.1 Monitoring During Site Operations

Atmospheric air monitoring results may be collected and used to provide data to determine when exclusion zones need to be established and when certain levels of personal protective equipment are required. For all instruments there are Site-specific action level criteria which are used in making field health and safety determinations. Other data, such as the visible presence of contamination or the steady state nature of air contaminant concentration, are also used in making field health and safety decisions. Therefore, the HSO may establish an exclusion zone or require a person to wear a respirator even though atmospheric air contaminant concentrations are below established CHASP action levels.

During site work involving disturbance of petroleum-impacted or fill material, real time air monitoring may be conducted for volatile organic compounds (VOCs). A photoionization detector (PID) and/or flame ionization detector (FID) will be used to monitor concentrations of VOCs at personnel breathing-zone height. Air monitoring will be the responsibility of the HSO or designee. Air monitoring may be conducted during intrusive activities associated with the completion of excavation, debris removal, and soil grading. All manufacturers’ instructions for instrumentation and calibration will be available onsite.
Subcontractors' air monitoring plans must be equal or more stringent as the Langan plan.

An air monitoring calibration log is provided in Attachment D of this CHASP.

7.1.1 Volatile Organic Compounds

Monitoring with a PID, such as a MiniRAE 2000 (10.6v) or equivalent may occur during intrusive work in the AOCs. Colormetric Indicator Tubes for benzene may be used as backup for the PID, if measurements remain above background monitor every 2 hours. The HSO will monitor the employee breathing zone at least every 30 minutes, or whenever there is any indication that concentrations may have changed (odors, visible gases, etc.) since the last measurement. If VOC levels are observed above 5 ppm for longer than 5 minutes or if the site PPE is upgraded to Level C, the HSO will begin monitoring the site perimeter at a location downwind of the AOC every 30 minutes in addition to the employee breathing zone. Instrument action levels for monitored gases are provided in Table 4.

7.1.2 Metals

Based upon the site historical fill, there is a potential for the soils to contain PAHs and metals. During invasive procedures which have the potential for creating airborne dust, such as excavation of dry soils, a real time airborne dust monitor such as a Mini-Ram may be used to monitor for air particulates. The HSO will monitor the employee breathing zone at least every 30 minutes, or whenever there is any indication that concentrations may have changed (appearance of visible dust) since the last measurement. If dust levels are observed to be greater than 0.100 mg/m³ or visible dust is observed for longer than 15 minutes or if the site PPE is upgraded to Level C, the HSO will begin monitoring the site perimeter at a location downwind of the AOC every 30 minutes in addition to the employee breathing zone. Instrument action levels for dust monitoring are provided in Table 4.

7.2 Monitoring Equipment Calibration and Maintenance

Instrument calibration shall be documented and included in a dedicated safety and health logbook or on separate calibration pages of the field book. All instruments shall be calibrated before and after each shift. Calibration checks may be used during the day to confirm instrument accuracy. Duplicate readings may be taken to confirm individual instrument response.

All instruments shall be operated in accordance with the manufacturers’ specifications. Manufacturers' literature, including an operations manual for each piece of monitoring equipment will be maintained on site by the HSO for reference.
7.3 Determination of Background Levels

Background (BKD) levels for VOCs and dust will be established prior to intrusive activities within the AOC at an upwind location. A notation of BKD levels will be referenced in the daily monitoring log. BKD levels are a function of prevailing conditions. BKD levels will be taken in an appropriate upwind location as determined by the HSO.

Table 4 lists the instrument action levels.

8.0 COMMUNITY AIR MONITORING PROGRAM

Community air monitoring may be conducted in compliance with the NYSDOH Generic CAMP outlined below:

Monitoring for dust and odors will be conducted during all ground intrusive activities by the FTL. Continuous monitoring on the perimeter of the work zones for odor, VOCs, and dust may be required for all ground intrusive activities such as soil excavation and handling activities. The work zone is defined as the general area in which machinery is operating in support of remediation activities. A portable PID will be used to monitor the work zone and for periodic monitoring for VOCs during activities such as soil and groundwater sampling and soil excavation. The site perimeter will be monitored for fugitive dust emissions by visual observations as well as instrumentation measurements (if required). When required, particulate or dust will be monitored continuously with real-time field instrumentation that will meet, at a minimum, the performance standards from DER-10 Appendix 1B.

If VOC monitoring is required, the following actions will be taken based on VOC levels measured:

- If total VOC levels exceed 5 ppm above background for the 15-minute average at the perimeter, work activities will be temporarily halted and monitoring continued. If levels readily decrease (per instantaneous readings) below 5 ppm above background, work activities will resume with continued monitoring.
- If total VOC levels at the downwind perimeter of the hot zone persist at levels in excess of 5 ppm above background but less than 25 ppm, work activities will be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps work activities will resume provided that the total organic vapor level 200 feet downwind of the hot zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less – but in no case less than 20 feet, is below 5 ppm above background for the 15-minute average.
- If the total VOC level is above 25 ppm at the perimeter of the hot zone, activities will be shutdown.

If dust monitoring with field instrumentation is required, the following actions will be taken
based on instrumentation measurements:

- If the downwind particulate level is 100 micrograms per cubic meter (µg/m³) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression must be employed. Work may continue with dust suppression techniques provided that downwind PM10 levels do not exceed 150 µg/m³ above the background level and provided that no visible dust is migrating from the work area.

- If, after implementation of dust suppression techniques, downwind PM10 levels are greater than 150 µg/m³ above the background level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM10 concentration to within 150 µg/m³ of the upwind level and in preventing visible dust migration.

8.1 Vapor Emission Response Plan

This section applies if VOC monitoring is required. If the ambient air concentration of organic vapors exceeds 5 ppm above background at the perimeter of the hot zone, boring and well installation, and excavation activities will be halted or odor controls will be employed, and monitoring continued. When work shut-down occurs, downwind air monitoring as directed by the HSO or FTL will be implemented to ensure that vapor emission does not impact the nearest residential or commercial structure at levels exceeding those specified in the Major Vapor Emission section.

If the organic vapor level decreases below 5 ppm above background, sampling and boring and well installation can resume, provided:

- The organic vapor level 200 feet downwind of the hot zone or half the distance to the nearest residential or commercial structure, whichever is less, is below 1 ppm over background, and

- More frequent intervals of monitoring, as directed by the HSO or FTL, are conducted.

8.2 Major Vapor Emission

This section applies if VOC monitoring is required. If any organic levels greater than 5 ppm over background are identified 200 feet downwind from the work site, or half the distance to the nearest residential or commercial property, whichever is less, all work activities must be halted or odor controls must be implemented.

If, following the cessation of the work activities, or as the result of an emergency, organic levels persist above 5 ppm above background 200 feet downwind or half the distance to the nearest residential or commercial property from the hot zone, then the air quality must be
monitored within 20 feet of the perimeter of the nearest residential or commercial structure (20 Foot Zone).

If either of the following criteria is exceeded in the 20 Foot Zone, then the Major Vapor Emission Response Plan shall automatically be implemented.

- Sustained organic vapor levels approaching 5 ppm above background for a period of more than 30 minutes, or
- Organic vapor levels greater than 5 ppm above background for any time period.

### 8.3 Major Vapor Emission Response Plan

Upon activation, the following activities will be undertaken:

- The local police authorities will immediately be contacted by the HSO or FTL and advised of the situation;
- Frequent air monitoring will be conducted at 30-minute intervals within the 20 Foot Zone. If two successive readings below action levels are measured, air monitoring may be halted or modified by the HSO or FTL; and
- All Emergency contacts will go into effect as appropriate.

### 8.4 Dust Suppression Techniques

Preventative measures for dust generation may include wetting site fill and soil, construction of an engineered construction entrance with gravel pad, a truck wash area, covering soils with tarp, and limiting vehicle speeds to five miles per hour.

Work practices to minimize odors and vapors include limiting the time that the excavations remain open, minimizing stockpiling of contaminated-source soil, and minimizing the handling of contaminated material. Offending odor and organic vapor controls may include the application of foam suppressants or tarp over the odor or VOC source areas. Foam suppressants may include biodegradable foams applied over the source material for short-term control of the odor and VOCs.

If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: direct load-out of soils to trucks for off-site disposal; use of chemical odorants in spray or misting systems; and, use of staff to monitor odors in surrounding neighborhoods.

Where odor nuisances have developed during remedial work and cannot be corrected, or where the release of nuisance odors cannot otherwise be avoided due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering excavation and handling areas under tented containment structures equipped with appropriate air venting/filtering systems.
9.0 WORK ZONES AND DECONTAMINATION

9.1 Site Control

Work zones are intended to control the potential spread of contamination throughout the site and to assure that only authorized individuals are permitted into potentially hazardous areas.

Any person working in an area where the potential for exposure to site contaminants exists will only be allowed access after providing the HSO with proper training and medical documentation.

**Exclusion Zone (EZ)** - All activities which may involve exposure to site contaminants, hazardous materials and/or conditions should be considered an EZ. Decontamination of field equipment will also be conducted in the Contaminant Reduction Zone (CRZ) which will be located on the perimeter of the EZ. The EZ and the CRZ will be clearly delineated by cones, tapes or other means. The HSO may establish more than one EZ where different levels of protection may be employed or different hazards exist. The size of the EZ shall be determined by the HSO allowing adequate space for the activity to be completed, field members and emergency equipment.

9.2 Contamination Zone

9.2.1 Personnel Decontamination Station

Personal hygiene, coupled with diligent decontamination, will significantly reduce the potential for exposure.

9.2.2 Minimization of Contact with Contaminants

During completion of all site activities, personnel should attempt to minimize the chance of contact with contaminated materials. This involves a conscientious effort to keep "clean" during site activities. All personnel should minimize kneeling, splash generation, and other physical contact with contamination as PPE is intended to minimize accidental contact. This may ultimately minimize the degree of decontamination required and the generation of waste materials from site operations.

Field procedures will be developed to control over spray and runoff and to ensure that unprotected personnel working nearby are not affected.

9.2.3 Personnel Decontamination Sequence

Decontamination may be performed by removing all PPE used in EZ and placing it in drums/trash cans at the CRZ. Baby wipes should be available for wiping hands and face.
Drums/trash cans will be labeled by the field crews in accordance with all local, state, and federal requirements. Management plans for contaminated PPE, and tools are provided below.

**9.2.4 Emergency Decontamination**

If circumstances dictate that contaminated clothing cannot be readily removed, then remove gross contamination and wrap injured personnel with clean garments/blankets to avoid contaminating other personnel or transporting equipment. If the injured person can be moved, he/she will be decontaminated by site personnel as described above before emergency responders handle the victim. If the person cannot be moved because of the extent of the injury (a back or neck injury), provisions shall be made to ensure that emergency response personnel will be able to respond to the victim without being exposed to potentially hazardous atmospheric conditions. If the potential for inhalation hazards exist, such as with open excavation, this area will be covered with polyethylene sheeting to eliminate any potential inhalation hazards. All emergency personnel are to be immediately informed of the injured person’s condition, potential contaminants, and provided with all pertinent data.

**9.2.5 Hand-Held Equipment Decontamination**

Hand-held equipment includes all monitoring instruments as stated earlier, samples, hand tools, and notebooks. The hand-held equipment is dropped at the first decontamination station to be decontaminated by one of the decontamination team members. These items must be decontaminated or discarded as waste prior to removal from the CRZ.

To aid in decontamination, monitoring instruments can be sealed in plastic bags or wrapped in polyethylene. This will also protect the instruments against contaminants. The instruments will be wiped clean using wipes or paper towels if contamination is visually evident. Sampling equipment, hand tools, etc. will be cleaned with non-phosphorous soap to remove any potentially contaminated soil, and rinsed with deionized water. All decontamination fluids will be containerized and stored on-site pending waste characterization sampling and appropriate off-site disposal.

**9.2.6 Heavy Equipment Decontamination**

All heavy equipment and vehicles arriving at the work site will be free from contamination from offsite sources. Any vehicles arriving to work that are suspected of being impacted will not be permitted on the work site. Potentially contaminated heavy equipment will not be permitted to leave the EZ unless it has been thoroughly decontaminated and visually inspected by the HSO or his designee.
9.3 Support Zone

The support zone or cold zone will include the remaining areas of the job site. Break areas and support facilities (include equipment storage and maintenance areas) will be located in this zone. No equipment or personnel will be permitted to enter the cold zone from the hot zone without passing through the decontamination station in the warm zone (if necessitated). Eating, smoking, and drinking will be allowed only in this area.

9.4 Communications

The following communications equipment will be utilized as appropriate.

- Telephones - A cellular telephone will be located with the HSO for communication with the HSM and emergency support services/facilities.
- Hand Signals - Hand signals shall be used by field teams, along with the buddy system. The entire field team shall know them before operations commence and their use covered during site-specific training. Typical hand signals are the following:

<table>
<thead>
<tr>
<th>Hand Signal</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand gripping throat</td>
<td>Out of air; cannot breathe</td>
</tr>
<tr>
<td>Grip partners wrists or place both hands around</td>
<td>Leave immediately without</td>
</tr>
<tr>
<td>waist</td>
<td>debate</td>
</tr>
<tr>
<td>Hands on top of head</td>
<td>Need assistance</td>
</tr>
<tr>
<td>Thumbs up</td>
<td>OK; I’m alright; I understand</td>
</tr>
<tr>
<td>Thumbs down</td>
<td>No; negative</td>
</tr>
<tr>
<td>Simulated &quot;stick&quot; break with fists</td>
<td>Take a break; stop work</td>
</tr>
</tbody>
</table>

9.5 The Buddy System

When working in teams of two or more, workers will use the "buddy system" for all work activities to ensure that rapid assistance can be provided in the event of an emergency. This requires work groups to be organized such that workers can remain close together and maintain visual contact with one another. Workers using the "buddy system" have the following responsibilities:

- Provide his/her partner with assistance.
- Observe his/her partner for signs of chemical or heat exposure.
- Periodically check the integrity of his/her partner’s PPE.
- Notify the HSO or other site personnel if emergency service is needed.
10.0 NEAREST MEDICAL ASSISTANCE

The address and telephone number of the nearest hospital:

   Harlem Hospital Center
   506 Lenox Avenue
   New York, NY
   212-939-1000

Map with directions to the hospital are shown in Figure 2. This information will either be posted prominently at the site or will be available to all personnel all of the time. Further, all field personnel, including the HSO & FTL, will know the directions to the hospital.

11.0 STANDING ORDERS/SAFE WORK PRACTICES

The standing orders, which consist of a description of safe work practices that must always be followed while on-site by Langan employees and contractors, are shown in Attachment A. The site HSO and FTL each have the responsibility for enforcing these practices. The standing orders will be posted prominently at the site, or are made available to all personnel at all times. Those who do not abide by these safe work practices will be removed from the site.

12.0 SITE SECURITY

No unauthorized personnel shall be permitted access to the work areas.

13.0 UNDERGROUND UTILITIES

As provided in Langan’s Underground Utility Clearance Guidelines, the following safe work practices should be followed by Langan personnel and the contractor before and during subsurface work in accordance with federal, state and local regulations:

- Obtain available utility drawings from the property owner/client or operator.
- Provide utility drawings to the project team.
- In the field, mark the proposed area of subsurface disturbance (when possible).
- Ensure that the utility clearance system has been notified.
- Ensure that utilities are marked before beginning subsurface work.
- Discuss subsurface work locations with the owner/client and contractors.
- Obtain approval from the owner/client and operators for proposed subsurface work locations.
- Use safe digging procedures when applicable.
- Stay at least 10 feet from all equipment performing subsurface work.

14.0 SITE SAFETY INSPECTION

The Langan HSO or alternate will check the work area daily, at the beginning and end of each
work shift or more frequently to ensure safe work conditions. The HSO or alternate must complete the Jobsite Safety Inspection Checklist, found in Attachment F. Any deficiencies shall be shared with the FTL, HSM and PM and will be discussed at the daily tailgate meeting.

**15.0 HAND AND POWER TOOLS**

All hand- and electric-power tools and similar equipment shall be maintained in a safe operating condition. All electric-power tools must be inspected before initial use. Damaged tools shall be removed immediately from service or repaired. Tools shall be used only for the purpose for which they were designed. All users must be properly trained in their safe operation.

**16.0 EMERGENCY RESPONSE**

**16.1 General**

This section establishes procedures and provides information for use during a project emergency. Emergencies happen unexpectedly and quickly, and require an immediate response; therefore, contingency planning and advanced training of staff is essential. Specific elements of emergency support procedures that are addressed in the following subsections include communications, local emergency support units, preparation for medical emergencies, first aid for injuries incurred on site, record keeping, and emergency site evacuation procedures. In case of emergency, in addition to 911 the Langan Incident/Injury Hotline (800) 9-LANGAN (800-952-6426) extension 4699 should be called as soon as possible.

**16.2 Responsibilities**

**16.2.1 Health and Safety Officer (HSO)**

The HSO is responsible for ensuring that all personnel are evacuated safely and that machinery and processes are shut down or stabilized in the event of a stop work order or evacuation. The HSO is responsible for ensuring the HSM are notified of all incidents, all injuries, near misses, fires, spills, releases or equipment damage. The HSO is required to immediately notify the HSM of any fatalities or catastrophes (three or more workers injured and hospitalized) so that the HSM can notify OSHA within the required time frame.

**16.2.2 Emergency Coordinator**

The HSO or their designated alternate will serve as the Emergency Coordinator. The Emergency Coordinator is responsible for ensuring that all personnel are evacuated safely and that machinery and processes are shut down or stabilized in the event of a stop work order or evacuation. They are also responsible for ensuring the HSM are notified of all incidents, all injuries, near misses, fires, spills, releases or equipment damage. The Emergency Coordinator
is required to immediately notify the HSM of any fatalities or catastrophes (three or more workers injured and hospitalized.

The Emergency Coordinator shall locate emergency phone numbers and identify hospital routes prior to beginning work on the sites. The Emergency Coordinator shall make necessary arrangements to be prepared for any emergencies that could occur.

The Emergency Coordinator is responsible for implementing the Emergency Response Plan.

### 16.2.3 Site Personnel

Project site personnel are responsible for knowing the Emergency Response Plan and the procedures contained herein. Personnel are expected to notify the Emergency Coordinator of situations that could constitute a site emergency. Project site personnel, including all subcontractors will be trained in the Emergency Response Plan.

### 16.3 Communications

Once an emergency situation has been stabilized, or as soon as practically possible, the HSO will contact the Langan Incident/Injury Hotline (1-800-952-6426) or (973-560-4699) and Project Manager of identify any emergency situation.

### 16.4 Local Emergency Support Units

In order to be able to deal with any emergency that might occur during investigative activities at the site, the Emergency Notification Numbers (Table 5) will be posted and provided to all personnel conducting work within the EZ.

Figure 2 shows the hospital route map. Outside emergency number 911 and local ambulance should be relied on for response to medical emergencies and transport to emergency rooms. Always contact first responders when there are serious or life threatening emergencies on the site. Project personnel are instructed not to drive injured personnel to the Hospital. In the event of an injury, provide first aid and keep the injured party calm and protected from the elements and treat for shock when necessary.

### 16.5 Pre-Emergency Planning

Langan will communicate directly with administrative personnel from the emergency room at the hospital in order to determine whether the hospital has the facilities and personnel needed to treat cases of trauma resulting from any of the contaminants expected to be found on the site. Instructions for finding the hospital will be posted conspicuously in the site office and in each site vehicle.
16.6 Emergency Medical Treatment

The procedures and rules in this CHASP are designed to prevent employee injury. However, should an injury occur, no matter how slight, it will be reported to the HSO immediately. First-aid equipment will be available on site at the following locations:

- First Aid Kit: Contractor Mobile Office or Vehicles
- Emergency Eye Wash: Contractor Mobile office or Vehicles

During the site safety briefing, project personnel will be informed of the location of the first aid station(s) that has been set up. Some injuries, such as severe cuts and lacerations or burns, may require immediate treatment. Any first aid instructions that can be obtained from doctors or paramedics, before an emergency-response squad arrives at the site or before the injured person can be transported to the hospital, will be followed closely.

16.7 Personnel with current first aid and CPR certification will be identified.

Only in non-emergency situations may an injured person be transported to an urgent care facility. Due to hazards that may be present at the site and the conditions under which operations are conducted, it is possible that an emergency situation may develop. Emergency situations can be characterized as injury or acute chemical exposure to personnel, fire or explosion, environmental release, or hazardous weather conditions.

16.8 Emergency Site Evacuation Routes and Procedures

All project personnel will be instructed on proper emergency response procedures and locations of emergency telephone numbers during the initial site safety meeting. If an emergency occurs as a result of the site investigation activities, including but not limited to fire, explosion or significant release of toxic gas into the atmosphere, the Langan Project Manager will be verbally notified immediately. All heavy equipment will be shut down and all personnel will evacuate the work areas and assemble at the nearest intersection to be accounted for and to receive further instructions.

16.9 Fire Prevention and Protection

In the event of a fire or explosion, procedures will include immediately evacuating the site and notification of the Langan Project Manager of the investigation activities. Portable fire extinguishers will be provided at the work zone. The extinguishers located in the various locations should also be identified prior to the start of work. No personnel will fight a fire beyond the stage where it can be put out with a portable extinguisher (incipient stage).
16.9.1 Fire Prevention

Fires will be prevented by adhering to the following precautions:

- Good housekeeping and storage of materials.
- Storage of flammable liquids and gases away from oxidizers.
- Shutting off engines to refuel.
- Grounding and bonding metal containers during transfer of flammable liquids.
- Use of UL approved flammable storage cans.
- Fire extinguishers rated at least 10 pounds ABC located on all heavy equipment, in all trailers and near all hot work activities.

The person responsible for the control of fuel source hazards and the maintenance of fire prevention and/or control equipment is the HSO.

16.10 Significant Vapor Release

Based on the proposed tasks, the potential for a significant vapor release is low. However, if a release occurs, the following steps will be taken:

- Move all personnel to an upwind location. All non-essential personnel shall evacuate.
- Upgrade to Level C Respiratory Protection.
- Downwind perimeter locations shall be monitored for volatile organics.
- If the release poses a potential threat to human health or the environment in the community, the Emergency Coordinator shall notify the Langan Project Manager.
- Local emergency response coordinators will be notified.

16.11 Overt Chemical Exposure

The following are standard procedures to treat chemical exposures. Other, specific procedures detailed on the Material Safety Data Sheet (MSDS) will be followed, when necessary.

**SKIN AND EYE:** Use copious amounts of soap and water from eye-wash kits and portable hand wash stations.

**CONTACT:** Wash/rinse affected areas thoroughly, then provide appropriate medical attention. Skin shall also be rinsed for 15 minutes if contact with caustics, acids or hydrogen peroxide occurs. Affected items of clothing shall also be removed from contact with skin.

Providing wash water and soap will be the responsibility of each individual contractor or subcontractor on-site.
16.12 Decontamination During Medical Emergencies

If emergency life-saving first aid and/or medical treatment is required, normal decontamination procedures may need to be abbreviated or omitted. The HSO or designee will accompany contaminated victims to the medical facility to advice on matters involving decontamination when necessary. The outer garments can be removed if they do not cause delays, interfere with treatment or aggravate the problem. Respiratory equipment must always be removed. Protective clothing can be cut away. If the outer contaminated garments cannot be safely removed on site, a plastic barrier placed between the injured individual and clean surfaces should be used to help prevent contamination of the inside of ambulances and/or medical personnel. Outer garments may then be removed at the medical facility. No attempt will be made to wash or rinse the victim if his/her injuries are life threatening, unless it is known that the individual has been contaminated with an extremely toxic or corrosive material which could also cause severe injury or loss of life to emergency response personnel. For minor medical problems or injuries, the normal decontamination procedures will be followed.

16.13 Adverse Weather Conditions

In the event of adverse weather conditions, the HSO will determine if work will continue without potentially risking the safety of all field workers. Some of the items to be considered prior to determining if work should continue are:

- Potential for heat stress and heat-related injuries.
- Potential for cold stress and cold-related injuries.
- Treacherous weather-related working conditions (hail, rain, snow, ice, high winds).
- Limited visibility (fog).
- Potential for electrical storms.
- Earthquakes.
- Other major incidents.

Site activities will be limited to daylight hours, or when suitable artificial light is provided, and acceptable weather conditions prevail. The HSO will determine the need to cease field operations or observe daily weather reports and evacuate, if necessary, in case of severe inclement weather conditions.

16.14 Spill Control and Response

All small spills/environmental releases shall be contained as close to the source as possible. Whenever possible, the MSDS will be consulted to assist in determining proper waste characterization and the best means of containment and cleanup. For small spills, sorbent materials such as sand, sawdust or commercial sorbents should be placed directly on the
substance to contain the spill and aid recovery. Any acid spills should be diluted or neutralized carefully prior to attempting recovery. Berms of earthen or sorbent materials can be used to contain the leading edge of the spills. All spill containment materials will be properly disposed. An exclusion zone of 50 to 100 feet around the spill area should be established depending on the size of the spill.

All contractor vehicles shall have spill kits on them with enough material to contain and absorb the worst-case spill from that vehicle. All vehicles and equipment shall be inspected prior to being admitted on site. Any vehicle or piece of equipment that develops a leak will be taken out of service and removed from the job site.

The following seven steps shall be taken by the Emergency Coordinator:

1. Determine the nature, identity and amounts of major spills.
2. Make sure all unnecessary persons are removed from the spill area.
3. Notify the HSO immediately.
4. Use proper PPE in consultation with the HSO.
5. If a flammable liquid, gas or vapor is involved, remove all ignition sources and use non-sparking and/or explosion-proof equipment to contain or clean up the spill (diesel-only vehicles, air-operated pumps, etc.)
6. If possible, try to stop the leak with appropriate material.
7. Remove all surrounding materials that can react or compound with the spill.

In addition to the spill control and response procedures described in this CHASP, Langan personnel will coordinate with the designated project manager relative to spill response and control actions. Notification to the Project Manager must be immediate and, to the extent possible, include the following information:

- Time and location of the spill.
- Type and nature of the material spilled.
- Amount spilled.
- Whether the spill has affected or has a potential to affect a waterway or sewer.
- A brief description of affected areas/equipment.
- Whether the spill has been contained.
- Expected time of cleanup completion. If spill cleanup cannot be handled by Langan’s on-site personnel alone, such fact must be conveyed to the Project Manager immediately.

Langan shall not make any notification of spills to outside agencies. The client will notify regulatory agencies as per their reporting procedures.
16.15 Emergency Equipment

The following minimum emergency equipment shall be kept and maintained on site:

- Industrial first aid kit.
- Fire extinguishers (one per site).

16.16 Restoration and Salvage

After an emergency, prompt restoration of utilities, fire protection equipment, medical supplies and other equipment will reduce the possibility of further losses. Some of the items that may need to be addressed are:

- Refilling fire extinguishers.
- Refilling medical supplies.
- Recharging eyewashes and/or showers.
- Replenishing spill control supplies.

16.17 Documentation

Immediately following an incident or near miss, unless emergency medical treatment is required, either the employee or a coworker must contact the Langan Incident/Injury Hotline at 1-(800)-9-LANGAN (ext. #4699) and the client representative to report the incident or near miss. For emergencies involving personnel injury and/or exposure, the HSO and affected employee will complete and submit an Employee Exposure/Injury Incident Report (Attachment C) to the Langan Corporate Health and Safety Manager as soon as possible following the incident.

17.0 RECORDKEEPING

The following is a summary of required health and safety logs, reports and recordkeeping.

17.1 Field Change Authorization Request

Any changes to the work to be performed that is not included in the CHASP will require an addendum that is approved by the Langan project manager and Langan HSM to be prepared. Approved changes will be reviewed with all field personnel at a safety briefing.

17.2 Medical and Training Records

Copies or verification of training (40-hour, 8-hour, supervisor, site-specific training, documentation of three-day OJT, and respirator fit-test records) and medical clearance for site work and respirator use will be maintained in the office and available upon request. Records for all subcontractor employees must also be available upon request. All employee medical records will be maintained by the HSM.
17.3 Onsite Log

A log of personnel on site each day will be kept by the HSO or designee.

17.4 Daily Safety Meetings (“Tailgate Talks”)

Completed safety briefing forms will be maintained by the HSO.

17.5 Exposure Records

All personal monitoring results, laboratory reports, calculations and air sampling data sheets are part of an employee exposure record. These records will be maintained by the HSO during site work. At the end of the project they will be maintained according to 29 CFR 1910.1020.

17.6 Hazard Communication Program/MSDS-SDS

Material safety data sheets (MSDS) of Safety Data Sheets (SDS) have been obtained for applicable substances and are included in this CHASP (Attachment E). Langan’s written hazard communication program, in compliance with 29 CFR 1910.1200, is maintained by the HSM.

17.7 Documentation

Immediately following an incident or near miss, unless emergency medical treatment is required, either the employee or a coworker must contact the Langan incident/injury hotline at 1-800-952-6426, extension 4699 and the Project Manager to report the incident or near miss. The Project Manager will contact the client or client representative. A written report must be completed and submitted HSM within 24 hours of the incident. For emergencies involving personnel injury and/or exposure, employee will complete and submit the Langan incident/injury report to the Langan corporate health and safety manager as soon as possible following the incident. Accidents will be investigated in-depth to identify all causes and to recommend hazard control measures.

18.0 CONFINED SPACE ENTRY

Confined spaces are not anticipated at the site during planned construction activities. If confined spaces are identified, the contractor must implement their own confined space program that all applicable federal, state and local regulations. Confined spaces will not be entered by Langan personnel.
19.0 CHASP ACKNOWLEDGEMENT FORM

All Langan personnel and contractors will sign this CHASP Compliance Agreement indicating that they have become familiar with this CHASP and that they understand it and agree to abide by it.

<table>
<thead>
<tr>
<th>Printed Name</th>
<th>Signature</th>
<th>Company</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Task</td>
<td>Hazard</td>
<td>Description</td>
<td>Control Measures</td>
</tr>
<tr>
<td>------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Contaminated Soil or Groundwater-Dermal Contact</td>
<td>Contaminated water spills on skin, splashes in eyes; contact with contaminated soil/fill during construction activities or sampling.</td>
<td>Wear proper PPE; follow safe practices, maintain safe distance from construction activities</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Lacerations, abrasions, punctures</td>
<td>Cutting bailer twine, pump tubing, acetate liners, etc. with knife; cuts from sharp site objects or previously cut piles, tanks, etc.; Using tools in tight spaces</td>
<td>Wear proper PPE; follow safe practices</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Contaminated Media Inhalation</td>
<td>Opening drums, tanks, wells; vapors for non-aqueous phase liquids or other contaminated site media; dust inhalation during excavation; vapor accumulation in excavation</td>
<td>Follow air monitoring plan; have quick access to respirator, do not move or open unlabeled drums found at the site, maintain safe distance from construction activities</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Lifting</td>
<td>Improper lifting/carrying of equipment and materials causing strains</td>
<td>Follow safe lifting techniques; Langan employees are not to carry contractor equipment or materials</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Slips, trips, and falls</td>
<td>Slips, trips and falls due to uneven surfaces, cords, steep slopes, debris and equipment in work areas</td>
<td>Good housekeeping at site; constant awareness and focus on the task; avoid climbing on stockpiles; maintain safe distance from construction activities and excavations; avoid elevated areas over six feet unless fully accredited in fall protection and wearing an approved fall protection safety apparatus</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Noise</td>
<td>Excavation equipment, hand tools, drilling equipment.</td>
<td>Wear hearing protection; maintain safe distance from construction activities</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Falling objects</td>
<td>Soil material, tools, etc. dropping from drill rigs, front-end loaders, etc.</td>
<td>Hard hats to be worn at all times while in work zones; maintain safe distance from construction activities and excavations</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Underground/overhead utilities</td>
<td>Excavation equipment, drill rig auger makes contact with underground object; boom touches overhead utility</td>
<td>’One Call’ before dig; follow safe practices; confirm utility locations with contractor; wear proper PPE; maintain safe distance from construction activities and excavations</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Insects (bees, wasps, hornet, mosquitoes, and spider)</td>
<td>Sings, bites</td>
<td>Insect Repellent; wear proper protective clothing [work boots, socks and light colored pants]; field personnel who may have insect allergies (e.g., bee sting) should provide this information to the HSO or FSO prior to commencing work, and will have allergy medication on site.</td>
</tr>
<tr>
<td>1.3.1 – 1.3.7</td>
<td>Vehicle traffic / Heavy Equipment Operation</td>
<td>Vehicles unable to see workers on site, operation of heavy equipment in tight spaces, equipment failure, malfunctioning alarms</td>
<td>Wear proper PPE, especially visibility vest; use a buddy system to look for traffic; rope off area of work with cones and caution tape or devices at points of hazard, maintain safe distance from construction activities and equipment</td>
</tr>
<tr>
<td>Task</td>
<td>Contaminant</td>
<td>CAS Number</td>
<td>Monitoring Device</td>
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<tr>
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<td>-----------------------------------------------------------------------------</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Perfluorobutanesulfonic acid FC-98 Nonaflate Nonafluorobutanesulphonic acid Perfluorobutane sulfonate PFBS</td>
<td>375-73-5</td>
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<td>Perfluorobutanoic Acid Heptafluorobutyric acid Heptafluorobutanoic acid Perfluorobutyric acid PFBA</td>
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<td>Perfluorodecanoic acid</td>
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<tr>
<td>Task</td>
<td>Contaminant</td>
<td>CAS Number</td>
<td>Monitoring Device</td>
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<td>1.3.1 –</td>
<td>Perfluorododecanoic acid Perfluorolauric acid Tricosafluorododecanoic acid PFDoA</td>
<td>307-55-1</td>
<td>NA</td>
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<td>1.3.10</td>
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<td>1.3.1 –</td>
<td>Perfluoroheptanesulfonic Acid PFHpS</td>
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<td>1.3.1 –</td>
<td>Perfluoroheptanoic Acid PFHpA</td>
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</tr>
<tr>
<td>1.3.1 –</td>
<td>Perfluorhexanesulfonic Acid PFHxS</td>
<td>375-85-9</td>
<td>NA</td>
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<td>1.3.10</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Perfluorohexanoic Acid PFNA</td>
<td>375-95-1</td>
<td>NA</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Perfluorooctanesulfonic Acid PFOS</td>
<td>1763-23-1</td>
<td>NA</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Perfluoropentanoic Acid PFPeA</td>
<td>2706-90-3</td>
<td>NA</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Perfluorotetradecanoic Acid PFTA</td>
<td>376-06-7</td>
<td>NA</td>
</tr>
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</table>
| 1.3.1 – 1.3.10 | Perfluorotridecanoic Acid (PFTrDA) | 72629-94-8 | NA                | None     | Groundwater                    | Inhalation, skin or eye contact, ingestion                             | Irritation to eyes with possible eye damage, skin causing rash, redness or burning, irritation to nose, throat and lungs | Eye: Irrigate immediately  
Skin: Water flush promptly  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | 1,2,4-Trimethylbenzene          | 95-63-6    | PID               | None     | Groundwater, Soil, Vapor       | Inhalation, ingestion, skin and/or eye contact                         | Irritation to the eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude (weakness, exhaustion), dizziness, nausea, incoordination; vomiting, confusion; chemical pneumonitis (aspiration liquid) | Eye: Irrigate immediately  
Skin: Soap wash  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | 1,3,5-Trimethylbenzene (Mesitylene, sym-Trimethylbenzene) | 108-67-8 | PID               | None     | Groundwater, Soil, Vapor       | Inhalation, ingestion, skin and/or eye contact                         | Irritation to the eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude (weakness, exhaustion), dizziness, nausea, incoordination; vomiting, confusion; chemical pneumonitis (aspiration liquid) | Eye: Irrigate immediately  
Skin: Soap wash  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
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</table>
| 1.3.1 – 1.3.10 | 1,3-Butadiene Biethylene Divinyl Butadiene Divinyl Erythrene Vinyliethylene | 106-99-0   | PID               | 1 ppm 2000 ppm         | Vapor                           | inhalation, skin and/or eye contact (liquid)          | irritation to the eyes, nose, throat; drowsiness, dizziness; liquid: frostbite; teratogenic, reproductive effects; [potential occupational carcinogen] | Eye: Frostbite  
Skin: Frostbite  
Breathing: Respiratory support |
| 1.3.1 – 1.3.10 | 2,2,4-Trimethylpentane | 540-84-1   | PID               | NA NA                  | Groundwater Soil Vapor          | inhalation, ingestion, skin and/or eye contact       | irritation to the eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude (weakness, exhaustion), dizziness, nausea, incoodination; vomiting, confusion; chemical pneumonitis (aspiration liquid) | Eye: Irrigate immediately  
Skin: Soap wash immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | 2-Butanone Ethyl methyl ketone MEK Methyl acetone Methyl ethyl ketone | 78-93-3    | PID               | 200 ppm 3000 ppm       | Soil Groundwater Vapor          | inhalation, ingestion, skin and/or eye contact       | irritation to the eyes, skin, nose; headache; dizziness; vomiting; dermatitis                     | Eye: Irrigate immediately  
Skin: Water wash immediately  
Breathing: Fresh air  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | 2-Hexanone Butyl methyl ketone MBK Methyl butyl ketone Methyl n-butyl ketone | 591-78-6   | PID               | 100 ppm 1600 ppm       | Groundwater Soil Vapor          | inhalation, skin absorption, ingestion, skin and/or eye contact | irritation to the eyes, nose; peripheral neuropathy: lassitude (weakness, exhaustion), paresthesia; dermatitis; headache, drowsiness | Eye: Irrigate immediately  
Skin: Soap wash immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>2-Methylnaphthalene β-methylnaphthalene</td>
<td>91-57-6</td>
<td>PID</td>
<td>NA</td>
<td>Groundwater, Soil, Vapor</td>
<td>inhalation, ingestion or skin absorption, eye contact</td>
<td>irritation to the skin, eyes, mucous membranes and upper respiratory tract. It may also cause headaches, nausea, vomiting, diarrhea, anemia, jaundice, euphoria, dermatitis, visual disturbances, convulsions and comatose</td>
<td>Eye: Irrigate immediately&lt;br&gt; Skin: Water flush promptly&lt;br&gt; Breathing: Respiratory support&lt;br&gt; Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>4-Methyl-2-pentanone Hexone&lt;br&gt; Isobutyl methyl ketone&lt;br&gt; Methyl isobutyl ketone MIBK</td>
<td>108-10-1</td>
<td>PID</td>
<td>100 ppm 500 ppm</td>
<td>Groundwater, Soil, Vapor</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, mucous membrane; headache, narcosis, coma; dermatitis; in animals: liver, kidney damage</td>
<td>Eye: Irrigate immediately&lt;br&gt; Skin: Water flush promptly&lt;br&gt; Breathing: Respiratory support&lt;br&gt; Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Acenaphthene 1,2-Dihydroacenaphthylene 1,8-Ethyleneacenaphthalene peri-Ethyleneacenaphthalene Naphthyleneethylene Tricyclododecapentaene</td>
<td>83-32-9</td>
<td>PID</td>
<td>NA</td>
<td>Soil</td>
<td>inhalation, ingestion, skin and/or eye contact,</td>
<td>irritation to the skin, eyes, mucous membranes and upper respiratory tract; If ingested, it can cause vomiting</td>
<td>Eye: Irrigate immediately&lt;br&gt; Skin: Soap wash immediately, if redness or irritation develop, seek medical attention immediately&lt;br&gt; Breathing: Move to fresh air&lt;br&gt; Swallow: do not induce vomiting, seek medical attention immediately</td>
</tr>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Acenaphthylene, Cycopental(enaphthalene, Acenaphthalene</td>
<td>208-96-8</td>
<td>PID</td>
<td>NA</td>
<td>Soil</td>
<td>Inhalation, ingestion, skin and/or eye contact</td>
<td>Irritation to the skin, eyes, mucous membranes and upper respiratory tract</td>
<td>Eye: Irrigate immediately, seek medical attention immediately, Skin: Soap wash immediately, if redness or irritation develop, seek medical attention immediately</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Acetone, Dimethyl ketone, Ketone propane, 2-Propanone</td>
<td>67-64-1</td>
<td>PID</td>
<td>1000 ppm</td>
<td>Groundwater, Soil</td>
<td>Inhalation, ingestion, skin and/or eye contact</td>
<td>Irritation to the eyes, nose, throat; headache, dizziness, central nervous system depression; dermatitis</td>
<td>Eye: Irrigate immediately, Skin: Soap wash immediately, Breathing: Respiratory support, Swallow: Medical attention immediately</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>None</td>
<td>0.5 mg/m3</td>
<td>Soil</td>
<td>Inhalation, skin and/or eye contact</td>
<td>Irritation to the eyes, skin, respiratory system</td>
<td>Eye: Irrigate immediately, Breathing: Fresh air</td>
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<tr>
<td>1.3.1 –</td>
<td>Anthracene</td>
<td>120-12-7</td>
<td>PID</td>
<td>0.2 mg/m³-80 mg/m³ (Coal Pitch Tar)</td>
<td>Soil</td>
<td>inhalation, skin or eye contact, ingestion</td>
<td>irritation to the skin, eyes, mucous membranes and upper respiratory tract, abdominal pain if ingested.</td>
<td>Eye: Irrigate immediately, seek medical attention immediately, Skin: Soap wash immediately, Breathing: Move to fresh air, refer to medical attention; Swallow: refer to medical attention</td>
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<td>1.3.10</td>
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<tr>
<td>1.3.1 –</td>
<td>Antimony</td>
<td>7440-36-0</td>
<td>None</td>
<td>0.5 mg/m³-50 mg/m³</td>
<td>Groundwater, Soil</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation skin, possible dermatitis; resp distress; diarrhea; muscle tremor, convulsions; possible gastrointestinal tract</td>
<td>Eye: Irrigate immediately, Skin: Soap wash immediately, Breathing: Respiratory support Swallow: Medical attention immediately</td>
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<td>1.3.10</td>
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<tr>
<td>1.3.1 –</td>
<td>Arsenic</td>
<td>NA</td>
<td>None</td>
<td>0.5 mg/m³-NA</td>
<td>Groundwater, Soil</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation skin, possible dermatitis; resp distress; diarrhea; muscle tremor, convulsions; possible gastrointestinal tract</td>
<td>Eye: Irrigate immediately, Skin: Soap wash immediately, Breathing: Respiratory support Swallow: Medical attention immediately</td>
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<td>1.3.10</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Barium</td>
<td>10022-31-8</td>
<td>None</td>
<td>0.5 mg/m³</td>
<td>Groundwater, Soil</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, upper respiratory system; skin burns; gastroenteritis; muscle spasm; slow pulse</td>
<td>Eye: Irrigate immediately; Skin: Water flush immediately; Breathing: Respiratory support; Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Benzene, Benzoil, Phenyl hydride</td>
<td>71-43-2</td>
<td>PID</td>
<td>3.19 mg/m³</td>
<td>Groundwater, Soil, Vapor</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; lassitude (weakness, exhaustion) [potential occupational carcinogen]</td>
<td>Eye: Irrigate immediately; Skin: Soap wash immediately; Breathing: Respiratory support; Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Benzo(a)anthracene, Benzanthrene, Benzanthrene, 1,2-Benzanthracene, Benzo(b)phenanthrene, Tetrphenene</td>
<td>56-55-3</td>
<td>PID</td>
<td>0.2 mg/m³</td>
<td>Groundwater, Soil</td>
<td>inhalation, skin or eye contact, ingestion</td>
<td>dermatitis, bronchitis, [potential occupational carcinogen]</td>
<td>Eye: Irrigate immediately; Skin: Soap wash immediately; Breathing: Respiratory support; Swallow: Medical attention immediately</td>
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<tr>
<td>Task</td>
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<tr>
<td>1.3.1-1.3.10</td>
<td>Benzo(a)pyrene</td>
<td>50-32-8</td>
<td>PID</td>
<td>0.2 mg/m³-80 mg/m³</td>
<td>Soil</td>
<td>inhalation, skin or eye contact, ingestion</td>
<td>dermatitis, bronchitis, [potential occupational carcinogen]</td>
<td>Eye: Irrigate immediately, seek medical attention Skin: Soap wash immediately; Breathing: move to fresh air; Swallow: Induce vomiting if conscious, seek medical attention immediately</td>
</tr>
<tr>
<td>1.3.1-1.3.10</td>
<td>Benzo(b)fluoranthene</td>
<td>205-99-2</td>
<td>PID</td>
<td>0.2 mg/m³-80 mg/m³</td>
<td>Soil</td>
<td>inhalation, skin or eye contact, ingestion</td>
<td>irritation to eyes and skin, respiratory irritation (dizziness, weakness, fatigue, nausea, headache)</td>
<td>Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately</td>
</tr>
</tbody>
</table>
| 1.3.1-1.3.10 | Benzo(g,h,i)perylene  
Benzo(ghi)perylene | 191-24-2   | PID               | 0.2 mg/m³-80 mg/m³ | Soil                          | inhalation, skin or eye contact, ingestion | NA                         | Eye: Irrigate immediately, refer to medical attention Skin: Soap wash immediately Breathing: move to fresh air Swallow: Medical attention immediately |
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</table>
| 1.3.1 – 1.3.10 | Benzo(k)fluoranthene         | 207-08-9   | PID               | 0.2 mg/m³ 80 mg/m³ (Coal Pitch Tar) | Soil               | inhalation, skin or eye contact, ingestion | irritation to eyes and skin, respiratory irritation (dizziness, weakness, fatigue, nausea, headache) | Eye: Irrigate immediately, refer to medical attention  
Skin: Soap wash immediately  
Breathing: move to fresh air  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Beryllium                    | 7440-41-7  | None              | 0.002 mg/m³ 4 mg/m³ | Soil               | inhalation, skin and/or eye contact | berylliosis (chronic exposure): anorexia, weight loss, lassitude (weakness, exhaustion), chest pain, cough, clubbing of fingers, cyanosis, pulmonary insufficiency; irritation to the eyes; dermatitis; [potential occupational carcinogen] | Eye: Irrigate immediately  
Breathing: Fresh air |
| 1.3.1 – 1.3.10 | Bis(2-ethylhexyl)phthalate DEHP Di-sec octyl phthalate DEHP Di(2-ethylhexyl)phthalate Octyl phthalate | 117-81-7   | None              | 5 mg/m³ 5000 mg/m³ | Groundwater Soil Vapor | inhalation, ingestion, skin and/or eye contact | irritation to the eyes, mucous membrane; in animals: liver damage; teratogenic effects; [potential occupational carcinogen] | Eye: Irrigate immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
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<td>1.3.1 – 1.3.10</td>
<td>Cadmium</td>
<td>7440-43-9</td>
<td>None</td>
<td>0.005 mg/m³, 9 mg/m³</td>
<td>Soil</td>
<td>inhalation, ingestion</td>
<td>pulmonary edema, dyspnea (breathing difficulty), cough, chest tightness, substernal (occurring beneath the sternum) pain; headache; chills, muscle aches; nausea, vomiting, diarrhea; anosmia (loss of the sense of smell); emphysema, proteinuria, mild anemia; [potential occupational carcinogen]</td>
<td>Eye: Irrigate immediately, Skin: Soap wash immediately, Breathing: Respiratory support, Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Calcium</td>
<td>7440-70-2</td>
<td>None</td>
<td>NA</td>
<td>Groundwater, Soil</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, upper resp tract; ulcer, perforation nasal septum; pneumonitis; dermatitis</td>
<td>Eye: Irrigate immediately, Skin: Water flush immediately, Breathing: Respiratory support, Swallow: Medical attention immediately</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Carbazole 9-azafluorene, Dibenzopyrrole, Diphenylenimine, diphenyleneimide</td>
<td>86-74-8</td>
<td>None</td>
<td>NA</td>
<td>Soil</td>
<td>inhalation, skin absorption (liquid), skin and/or eye contact</td>
<td>irritation to eyes and skin, respiratory irritation</td>
<td>Eye: Irritate immediately, refer to medical attention, Skin: Soap wash immediately, Breathing: move to fresh air, Swallow: Medical attention immediately</td>
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| 1.3.1 – 1.3.10        | Carbon disulfide                                                           | 75-15-0    | PID               | 20 ppm 500 ppm| Soil Groundwater Vapor          | inhalation, skin or eye contact, ingestion | irritation to the eyes, skin, respiratory system  | Eye: Irrigate immediately (liquid)  
Skin: Water flush immediately (liquid)  
Breathing: Respiratory support |
|                       | Chlordane Chlordan Chlordano 1,2,4,5,6,7,8-Octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane | 57-74-9    | None              | 0.5 mg/m³ 100 mg/m³ | Groundwater Soil                | inhalation, skin absorption, ingestion, skin and/or eye contact  | Blurred vision; confusion; ataxia, delirium; cough; abdominal pain, nausea, vomiting, diarrhea, irritability, tremor, convulsions; anuria | Eye: Irrigate immediately  
Skin: Soap wash immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10        | Chloroform Methane trichloride Trichloromethane                             | 67-66-3    | None              | 50 ppm 500 ppm | Groundwater Soil                | inhalation, skin absorption, ingestion, skin and/or eye contact | irritation to the eyes, skin; dizziness, mental dullness, nausea, confusion; headache, lassitude (weakness, exhaustion); anesthesia; enlarged liver; [potential occupational carcinogen] | Eye: Irrigate immediately  
Skin: Soap wash promptly  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10        | Chromium Hexavalent-Trivalent-                                              | 7440-47-3  | None              | 1.0 mg/m³ 250 mg/m³ | Groundwater Soil                | inhalation absorption ingestion    | irritation to eye, skin, and respiratory                          | Eye: Irrigate immediately  
Skin: Soap wash  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
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| 1.3.1–1.3.10 | Chrysene Benzo[α]phenanthrene 1,2-Benzphenanthrene                           | 218-01-9   | PID               | 0.2 mg/m³ 80 mg/m³ (Coal Pitch Tar) | Groundwater Soil               | inhalation, absorption, ingestion, consumption | irritation to eye, skin, and respiratory, gastrointestinal irritation nausea, vomit, diarrhea [potential occupational carcinogen] | Eyes: Irrigate immediately  
Skin: Soap wash promptly  
Breath: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1–1.3.10 | Cis-Chlordane alpha Chlordane cis-Chlordane CIS-CHLORDANE Chlordane cis,Chlordan cis,ALPHA-CHLORDAN Chlordan, cis-ALPHA-CHLORDANE alpha(cis)-chlordane α-chlordane solution | 5102-71-9  | None              | 0.5 mg/m³ 100 mg/m³            | Groundwater Soil               | inhalation, skin absorption, ingestion, skin and/or eye contact | Blurred vision; confusion; ataxia, delirium; cough; abdominal pain, nausea, vomiting, diarrhea; irritability, tremor, convulsions; anuria | Eye: Irrigate immediately  
Skin: Soap wash immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1–1.3.10 | Cobalt                                                                       | 7440-48-4  | None              | 0.1 mg/m³ 20 mg/m³             | Soil                           | inhalation, ingestion, skin and/or eye contact | Cough, dyspnea (breathing difficulty), wheezing, decreased pulmonary function; weight loss; dermatitis; diffuse nodular fibrosis; resp hypersensitivity, asthma | Eye: Irrigate immediately  
Skin: Soap wash Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1–1.3.10 | Copper                                                                       | 7440-50-8  | None              | 1.0 mg/m³ 100 mg/m³            | Groundwater Soil               | inhalation, ingestion, skin and/or eye contact | irritation to the eyes, nose, metallic taste; dermatitis; anemia | Eye: Irrigate immediately  
Skin: Soap wash promptly  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Cyanide</td>
<td>57-12-5</td>
<td>None</td>
<td>5 mg/m³-25 mg/m³</td>
<td>Groundwater Soil</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>Exposure to cyanide can cause weakness, headaches, confusion, dizziness, fatigue, anxiety, sleepiness, nausea and vomiting. Breathing can speed up then become slow and gasping. Coma and convulsions also occur. If large amounts of cyanide have been absorbed by the body, the person usually collapses and death can occur very quickly. Long-term exposure to lower levels of cyanide can cause skin and nose irritation, itching, rashes and thyroid changes.</td>
<td>Eye: Irrigate immediately Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Cyclohexane Benzene hexahydrde Hexahydrobenzene Hexamethylene Hexanaphthene</td>
<td>110-82-7</td>
<td>PID</td>
<td>300 ppm 1300 ppm</td>
<td>Soil Vapor</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, respiratory system; drowsiness; dermatitis; narcosis, coma</td>
<td>Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
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<td>1.3.1 – 1.3.10</td>
<td>DDE 4,4-DDE 1,1-bis-(4-chlorophenyl)-2,2-dichloroethene Dichlorodiphenyldichloethyene</td>
<td>72-55-9</td>
<td>None</td>
<td>NA NA</td>
<td>Soil</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>Oral ingestion of food is the primary source of exposure for the general population. Acute and chronic ingestion may cause nausea, vomiting, diarrhea, stomach pain, headache, dizziness, disorientation, tingling sensation, kidney damage, liver damage, convulsions, coma, and death. 4,4’ DDE may cross the placenta and can be excreted in breast milk</td>
<td>Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>DDT 4,4-DDT p,p’-DDT Dichlorodiphenyltrichloroethane 1,1,1-Trichloro-2,2-bis(p-chlorophenyl)ethane</td>
<td>50-29-3</td>
<td>None</td>
<td>1 mg/m³ 500 mg/m³</td>
<td>Groundwater Soil</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin; paresthesia tongue, lips, face; tremor; anxiety, dizziness, confusion, malaise (vague feeling of discomfort), headache, lassitude (weakness, exhaustion); convulsions; paresis hands; vomiting; [potential occupational carcinogen]</td>
<td>Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Dibenzo(a,h)anthracene</td>
<td>53-70-3</td>
<td>PID</td>
<td>0.2 mg/m³ 80 mg/m³ (Coal Pitch Tar)</td>
<td>Groundwater Soil</td>
<td>inhalation, absorption, ingestion, consumption</td>
<td>irritation to eyes, skin, respiratory, and digestion [potential occupational carcinogen]</td>
<td>Eyes: Irrigate immediately Skin: Soap wash promptly. Breathing: Respiratory support PID Swallow: Medical attention immediately</td>
</tr>
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<td>1.3.1 – 1.3.10</td>
<td>Dibenzofuran</td>
<td>132-64-9</td>
<td>None</td>
<td>NA</td>
<td>Soil</td>
<td>inhalation, absorption</td>
<td>irritation to eyes, and skin</td>
<td>Eyes: Irrigate immediately&lt;br&gt;Skin: Soap wash promptly.</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Dibutyl phthalate Di-n-butyl phthalate Butyl phthalate n-Butyl phthalate 1,2-Benzenedicarboxylic acid dibutyl ester o-Benzenedicarboxylic acid dibutyl ester DBP Palatinol C, Elaol Dibutyl-1,2-benzenedicarboxylate</td>
<td>84-74-2</td>
<td>None</td>
<td>5 mg/m³</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, upper respiratory system, stomach</td>
<td>Eye: Irrigate immediately&lt;br&gt;Skin: Wash regularly&lt;br&gt;breathing: Respiratory support&lt;br&gt;swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Dichlorodifluoromethane Difluorodichloromethane, Fluorocarbon 12, Freon® 12, Genetron® 12, Halon® 122, Propellant 12, Refrigerant 12</td>
<td>75-71-8</td>
<td>None</td>
<td>1000 pp, 15,000 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, skin and/or eye contact (liquid)</td>
<td>dizziness, tremor, asphyxia, unconsciousness, cardiac arrhythmias, cardiac arrest; liquid: frostbite</td>
<td>Eye: Frostbite&lt;br&gt;Skin: Frostbite&lt;br&gt;Breathing: Respiratory support</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Diesel Fuel automotive diesel fuel oil No. 2 distillate diesoline diesel oil diesel oil light diesel oil No. 1-D summer diesel</td>
<td>68334-30-5</td>
<td>PID</td>
<td>NA</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, nose, throat; burning sensation in chest; headache, nausea, lassitude (weakness, exhaustion), restlessness, incoordination, confusion, drowsiness; vomiting, diarrhea; dermatitis; chemical pneumonitis (aspiration liquid)</td>
<td>Eye: Irrigate immediately&lt;br&gt;Skin: Soap flush immediately&lt;br&gt;Breathing: Respiratory support&lt;br&gt;Swallow: Medical attention immediately</td>
</tr>
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</table>
| 1.3.1 – 1.3.10  | Endrin 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo,endo-5,8-dimethanonaphthalene; Hexadrin Endrin Aldehyde | 72-20-8    | None              | 0.1 mg/m 2 mg/m  | Soil                                           | inhalation, skin absorption, ingestion, skin and/or eye contact     | epilepsyttiorm convulsions; stupor, headache, dizziness; abdominal discomfort, nausea, vomiting; insomnia; aggressiveness, confusion; drowsiness, lassitude (weakness, exhaustion); anorexia; in animals: liver damage | Eye: Irrigate immediately
|                 |                                                             |            |                   | 2 mg/m   |                                 |                    |                                                                          |                                                                            |
|                 |                                                             |            |                   |          |                                 |                    |                                                                          |                                                                            |
|                 |                                                             |            |                   |          |                                 |                    |                                                                          |                                                                            |
| 1.3.1 – 1.3.10  | Ethanol Absolute alcohol Alcohol cologne spirit drinking alcohol ethane monoxide ethylic alcohol EtOH ethyl alcohol ethyl hydrate ethyl hydroxide ethylol grain alcohol hydroxyethane methylcarbinol | 64-17-5    | PID               | 1000 ppm 3300 ppm | Groundwater Soil Vapor | inhalation, ingestion, skin and/or eye contact | irritation to the eyes, skin, nose; headache, drowsiness, lassitude (weakness, exhaustion), narcosis; cough; liver damage; anemia; reproductive, teratogenic effects | Eye: Irrigate immediately
|                 |                                                             |            |                   |          |                                 |                    |                                                                          |                                                                            |
|                 |                                                             |            |                   |          |                                 |                    |                                                                          |                                                                            |
| 1.3.1 – 1.3.10  | Ethyl benzene Ethylbenzene Ethylbenzol Phenylethane         | 100-40-4   | PID               | 435 mg/m 3,472 mg/m | Groundwater Soil Vapor | inhalation, ingestion, skin and/or eye contact | irritation to the eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma | Eye: Irrigate immediately
<p>| | | | | | | | | |
|                 |                                                             |            |                   |          |                                 |                    |                                                                          |                                                                            |</p>
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</table>
| 1.3.1 – 1.3.10 | Fluoranthene Benzo(j, k)fluorene  | 206-44-0   | PID               | 0.2 mg/m³ 80 mg/m³ (Coal Pitch Tar) | Groundwater Soil | inhalation, skin or eye contact, ingestion | irritation to eyes and skin, respiratory irritation (dizziness, weakness, fatigue, nausea, headache) | Eye: Irrigate immediately, refer to medical attention  
Skin: Soap wash immediately  
Breathing: move to fresh air  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Fluorene                          | 86-73-7    | PID               | 0.2 mg/m³ 80 mg/m³ (Coal Pitch Tar) | Soil             | inhalation, skin or eye contact, ingestion | irritation to eyes and skin, respiratory irritation (dizziness, weakness, fatigue, nausea, headache) | Eye: Irritate immediately, refer to medical attention  
Skin: Soap wash immediately  
Breathing: move to fresh air  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Fuel Oil No. 2                    | 68476-30-2 | PID               | NA NA    | Groundwater Soil Vapor          | inhalation, ingestion, skin and/or eye contact | irritation to the eyes, skin, nose, throat; burning sensation in chest; headache, nausea, lassitude (weakness, exhaustion), restlessness, incoordination, confusion, drowsiness; vomiting, diarrhea; dermatitis; chemical pneumonitis (aspiration liquid) | Eye: Irritate immediately  
Skin: Soap flush immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
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<td>1.3.1 – 1.3.10</td>
<td>Gasoline</td>
<td>8006-61-9</td>
<td>PID</td>
<td>NA NA</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, mucous membrane; dermatitis; headache, lassitude (weakness, exhaustion), blurred vision, dizziness, slurred speech, confusion, convulsions; chemical pneumonitis (aspiration liquid)</td>
<td>Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Helium</td>
<td>7440-59-7</td>
<td>Helium Detector</td>
<td>NA NA</td>
<td>NA</td>
<td>inhalation</td>
<td>dizziness, headache, and nausea</td>
<td>Breathing: Respiratory support</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Heptane</td>
<td>142-82-5</td>
<td>PID</td>
<td>500 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>dizziness, stupor, incoordination; loss of appetite, nausea; dermatitis; chemical pneumonitis (aspiration liquid); unconsciousness</td>
<td>Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Indeno(1,2,3-cd)pyrene</td>
<td>193-39-5</td>
<td>None</td>
<td>0.2 mg/m³ 80 mg/m³ (Coal Pitch Tar)</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, absorption, ingestion, consumption</td>
<td>irritation to eyes, skin, respiratory, and digestion [potential occupational carcinogen]</td>
<td>Eyes: Irrigate immediately Skin: Soap wash promptly. Breath: Respiratory support Swallow: Medical attention immediately, wash mouth with water</td>
</tr>
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| 1.3.1 – 1.3.10 | Iron                | 7439-89-6  | None              | 10 mg/m³ NA | Groundwater Soil                | inhalation, ingestion, skin and/or eye contact | irritation to the eyes, skin, mucous membrane; abdominal pain, diarrhea, vomiting | Eye: Irrigate immediately  
Skin: Soap wash  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Isopropyl alcohol   | 67-63-0    | PID               | 400 ppm 2000 ppm | Groundwater Soil Vapor          | inhalation, ingestion, skin and/or eye contact | irritation to the eyes, nose, throat; drowsiness, dizziness, headache; dry cracking skin; in animals: narcosis | Eye: Irrigate immediately  
Skin: Water flush  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Lead                | 7439-92-1  | None              | 0.050 mg/m³ 100 mg/m³ | Groundwater Soil                | inhalation, ingestion, skin and/or eye contact | lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation to the eyes; hypertension | Eye: Irrigate immediately  
Skin: Soap flush promptly  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Magnesium           | 7439-95-4  | None              | 15 mg/m³ NA   | Soil                            | inhalation, skin and/or eye contact | irritation to the eyes, skin, respiratory system; cough | Eye: Irrigate immediately  
Breathing: Fresh air |
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Manganese</td>
<td>7439-96-5</td>
<td>None</td>
<td>5 mg/m³ - 500 mg/m³</td>
<td>Groundwater, Soil</td>
<td>inhalation, ingestion</td>
<td>aerosol is irritating to the respiratory tract</td>
<td>Eye: Irrigate immediately&lt;br&gt; Skin: Soap flush promptly&lt;br&gt; Breathing: Respiratory support&lt;br&gt; Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Mercury</td>
<td>7439-97-6</td>
<td>None</td>
<td>0.1 mg/m³ - 10 mg/m³</td>
<td>Groundwater, Soil</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria</td>
<td>Eye: Irrigate immediately&lt;br&gt; Skin: Soap wash promptly&lt;br&gt; Breathing: Respiratory support&lt;br&gt; Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Methyl Bromide/Bromomethane/Monobromomethane</td>
<td>74-83-9</td>
<td>PID</td>
<td>20 ppm - 250 ppm</td>
<td>Soil, Groundwater, Vapor</td>
<td>inhalation, skin absorption (liquid), skin and/or eye contact (liquid)</td>
<td>irritation to the eyes, skin, respiratory system; muscle weak, incoordination, visual disturbance, dizziness; nausea, vomiting, headache; malaise (vague feeling of discomfort); hand tremor; convulsions; dyspnea (breathing difficulty); skin vesiculation; liquid: frostbite; [potential occupational carcinogen]</td>
<td>Eye: Irrigate immediately (liquid)&lt;br&gt; Skin: Water flush immediately (liquid)&lt;br&gt; Breathing: Respiratory support</td>
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<td>1.3.1 – 1.3.10</td>
<td>Methyl Chloride Chloromethane Monochloromethane</td>
<td>74-87-3</td>
<td>NA</td>
<td>100 ppm 2000 ppm</td>
<td>Groundwater Soil</td>
<td>inhalation, skin and/or eye contact</td>
<td>dizziness, nausea, vomiting; visual disturbance, stagger, slurred speech; convulsions, coma; liver, kidney damage; liquid: frostbite; reproductive, teratogenic effects; [potential occupational carcinogen]</td>
<td>Eye: Frostbite Skin: Frostbite Breathing: Respiratory support</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Methyl chloroform Chloroethene 1,1,1-Trichloroethane 1,1,1-Trichloroethane-(stabilized) 1,1,1-TCA</td>
<td>71-55-6</td>
<td>PID</td>
<td>350 ppm 700 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin; headache, lassitude (weakness, exhaustion), central nervous system depression, poor equilibrium; dermatitis; cardiac arrhythmias; liver damage</td>
<td>Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Methyl tert-butyl ether MTBE Methyl tertiary-butyl ether Methyl t-butyl ether tert-Butyl methyl ether tert-BME tert-BuOMe</td>
<td>1634-04-4</td>
<td>PID</td>
<td>NA NA</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, nose, throat; burning sensation in chest; headache, nausea, lassitude (weakness, exhaustion), restlessness, incoordination, confusion, drowsiness; vomiting, diarrhea; dermatitis; chemical pneumonitis (aspiration liquid)</td>
<td>Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
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<td>1.3.1 – 1.3.10</td>
<td>Methylcyclohexane Methyl cyclohexane (Hexahydrotoluene Cyclohexylmethane Toluene hexahydride)</td>
<td>108-87-2</td>
<td>PID</td>
<td>500 ppm 1200 ppm</td>
<td>Soil Vapor</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, nose, throat; dizziness, drowsiness; in animals: narcosis</td>
<td>Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Methylene Chloride Dichloromethane Methylene dichloride</td>
<td>75-09-2</td>
<td>PID</td>
<td>25 ppm 2300 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin; lassitude (weakness, exhaustion), drowsiness, dizziness; numb, tingle limbs; nausea; [potential occupational carcinogen]</td>
<td>Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>m-Xylenes 1,3-Dimethylbenzene m-Xylo Metaxylene</td>
<td>108-38-3</td>
<td>PID</td>
<td>100 ppm 900 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; nausea, vomiting, abdominal pain; dermatitis</td>
<td>Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>Task</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Naphthalene Naphthalin Tar camphor White tar</td>
<td>91-20-3</td>
<td>PID</td>
<td>50 mg/m³ 250 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes; headache, confusion, excitement, malaise (vague feeling of discomfort); nausea, vomiting, abdominal pain; irritation bladder; profuse sweating; hematuria (blood in the urine); dermatitis, optical neuritis</td>
<td>Eye: Irrigate immediately Skin: Molten flush immediately/solid-liquid soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>n-Hexane Hexane, Hexyl hydride, normal-Hexane</td>
<td>110-54-3</td>
<td>PID</td>
<td>500 ppm 1100 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, nose; nausea, headache; peripheral neuropathy: numb extremities, muscle weak; dermatitis; dizziness; chemical pneumonitis (aspiration liquid)</td>
<td>Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Nickel</td>
<td>7440-02-0</td>
<td>None</td>
<td>NA 10 mg/m³</td>
<td>Groundwater Soil</td>
<td>ion, ingestion, skin and/or eye contact</td>
<td>sensitization dermatitis, allergic asthma, pneumonitis; [potential occupational carcinogen]</td>
<td>Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Nitrobenzene Essence of mirbane Nitrobenzol Oil of mirbane</td>
<td>98-95-3</td>
<td>None</td>
<td>1 ppm 200 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>irritation eyes, skin; anoxia; dermatitis; anemia; methemoglobinemia; In Animals: liver, kidney damage; testicular effects</td>
<td>Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
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<td>Task</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Non-Flammable Gas Mixture</td>
<td>7782-44-7</td>
<td>Multi-Gas PID</td>
<td>NA/NA</td>
<td>NA/NA</td>
<td>inhalation</td>
<td>dizziness, headache, and nausea</td>
<td>Breathing: Respiratory support</td>
</tr>
<tr>
<td></td>
<td>CALGAS (Equipment Calibration Gas : Oxygen</td>
<td>74-82-8</td>
<td></td>
<td>NA/NA</td>
<td>NA/NA</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Methane</td>
<td>7783-08-4</td>
<td></td>
<td>10/100 ppm</td>
<td>50/1200 ppm</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Hydrogen Sulfide</td>
<td>830-08-0</td>
<td></td>
<td>NA/NA</td>
<td>NA/NA</td>
<td></td>
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<tr>
<td></td>
<td>Carbon Monoxide</td>
<td>7727-37-9</td>
<td></td>
<td>NA/NA</td>
<td>NA/NA</td>
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<tr>
<td></td>
<td>Nitrogen</td>
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<tr>
<td>1.3.1 – 1.3.10</td>
<td>Non-Flammable Gas Mixture</td>
<td>7782-44-7</td>
<td>PID</td>
<td>NA/NA</td>
<td>NA/NA</td>
<td>inhalation</td>
<td>dizziness, headache, and nausea</td>
<td>Breathing: Respiratory support</td>
</tr>
<tr>
<td></td>
<td>CALGAS (Equipment Calibration Gas : Oxygen</td>
<td>115-11-7</td>
<td></td>
<td>NA/NA</td>
<td>NA/NA</td>
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<tr>
<td></td>
<td>Isobutylene</td>
<td>7727-37-9</td>
<td></td>
<td>NA/NA</td>
<td>NA/NA</td>
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<tr>
<td></td>
<td>Nitrogen</td>
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</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>o-Xylenes</td>
<td>95-47-6</td>
<td>PID</td>
<td>100 ppm</td>
<td>Groundwater, Soil, Vapor</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; nausea, vomiting, abdominal pain; dermatitis</td>
<td>Eye: Irrigate immediately Skin: Soap flush immediately Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td></td>
<td>1,2-Dimethylbenzene</td>
<td></td>
<td></td>
<td>900 ppm</td>
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<tr>
<td></td>
<td>ortho-Xylene</td>
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<tr>
<td></td>
<td>o-Xylol</td>
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</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>p-Ethyltoluene</td>
<td>622-96-8</td>
<td>NA</td>
<td>NA</td>
<td>Soil</td>
<td>ingestion, skin and/or eye contact</td>
<td>irritation to the eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma</td>
<td>Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td></td>
<td>4-Ethyltoluene</td>
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<tr>
<td></td>
<td>1-ethyl-4-methyl-benzene</td>
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<tr>
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</tbody>
</table>
| 1.3.1 – 1.3.10 | Phenanthrene | 85-01-8    | PID               | 0.2 mg/m³ - 80 mg/m³ (Coal Pitch Tar) | Groundwater Soil | inhalation, skin or eye contact, ingestion | irritation to eyes and skin, respiratory irritation (dizziness, weakness, fatigue, nausea, headache) | Eye: Irrigate immediately, refer to medical attention  
Skin: Soap wash immediately  
Breathing: move to fresh air  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Potassium    | 7440-09-7  | None              | NA NA          | Soil                          | inhalation, skin absorption, ingestion, skin and/or eye contact | eye: Causes eye burns.  
Skin: Causes skin burns. Reacts with moisture in the skin to form potassium hydroxide and hydrogen with much heat.  
Ingestion: Causes gastrointestinal tract burns.  
Inhalation: May cause irritation of the respiratory tract with burning pain in the nose and throat, coughing, wheezing, shortness of breath and pulmonary edema. Causes chemical burns to the respiratory tract.  
Inhalation may be fatal as a result of spasm, inflammation, edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. | Eyes: Get medical aid immediately  
Skin: Get medical aid immediately.  
Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
Ingestion: If victim is conscious and alert, give 2-4 full cups of milk or water. Get medical aid immediately.  
Inhalation: Get medical aid immediately. |
<table>
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<th>Symptoms</th>
<th>First Aid</th>
</tr>
</thead>
</table>
| 1.3.1 – 1.3.10     | p-Xylenes, 1,4-Dimethylbenzene, para-Xylene, p-Xylol | 106-42-3   | PID               | 100 ppm 900 ppm | Groundwater, Soil, Vapor        | Inhalation, skin absorption, ingestion, skin and/or eye contact | Irritation to the eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; nausea, vomiting, abdominal pain; dermatitis | Eye: Irrigate immediately  
Skin: Soap flush immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10     | Pyrene, benzo[def]phenanthrene                   | 129-00-0   | PID               | 0.2 mg/m 80 mg/m (Coal Pitch Tar) | Groundwater, Soil | Inhalation, skin or eye contact, ingestion | Irritation to eyes and skin, respiratory irritation (dizziness, weakness, fatigue, nausea, headache) | Eye: Irrigate immediately, refer to medical attention  
Skin: Soap wash immediately  
Breathing: move to fresh air  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10     | Selenium                                         | 7782-49-2  | None              | 1 mg/m 0.2 mg/m | Soil                            | Inhalation, ingestion, skin and/or eye contact | Irritation to the eyes, skin, nose, throat; visual disturbance; headache; chills, fever; dyspnea (breathing difficulty), bronchitis; metallic taste, garlic breath, gastrointestinal disturbance; dermatitis; eye, skin burns; in animals: anemia; liver necrosis, cirrhosis; kidney, spleen damage | Eye: Irrigate immediately  
Skin: Soap wash immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
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<tr>
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<th>Contaminant</th>
<th>CAS Number</th>
<th>Monitoring Device</th>
<th>PEL/IDLH</th>
<th>Source of Concentration on Site</th>
<th>Route of Exposure</th>
<th>Symptoms</th>
<th>First Aid</th>
</tr>
</thead>
</table>
| 1.3.1 – 1.3.10 | Silver                    | 7440-22-4  | None              | 0.01mg/m³ | Soil                            | inhalation, ingestion, skin and/or eye contact | blue-gray eyes, nasal septum, throat, skin; irritation, ulceration skin; gastrointestinal disturbance | Eye: Irrigate immediately  
Skin: Water flush  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Sodium                    | 7440-23-5  | None              | NA       | Groundwater, Soil               | ion, ingestion, skin and/or eye contact | sensitization dermatitis, allergic asthma, pneumonitis; [potential occupational carcinogen] | Skin: Water flush immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Tert-Butyl Alcohol        | 75-65-0    | PID               | 100 ppm  | Groundwater, Soil, Vapor        | inhalation, ingestion, skin and/or eye contact | irritation to the eyes, skin, nose, throat; drowsiness, narcosis | Eye: Irrigate immediately  
Skin: Water flush promptly  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Tetrachloroethylene       | 127-18-4   | PID               | 100 ppm  | Groundwater, Soil, Vapor        | inhalation, skin absorption, ingestion, skin and/or eye contact | irritation to the eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, incoordination; headache, drowsiness; skin erythema (skin redness); liver damage; [potential occupational carcinogen] | Eye: Irrigate immediately  
Skin: Soap wash promptly  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
<table>
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<th>Symptoms</th>
<th>First Aid</th>
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</thead>
</table>
| 1.3.1 – 1.3.10 | Tetrahydrofuran Diethylene oxide 1,4-Epoxybutane Tetramethylene oxide THF | 109-99-9  | PID               | 200 ppm 2000 ppm | Groundwater Soil Vapor      | inhalation, skin and/or eye contact, ingestion        | irritation to the eyes, upper respiratory system; nausea, dizziness, headache, central nervous system depression | Eye: Irrigate immediately  
Skin: Water flush promptly  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Toluene Methyl benzene Methyl benzol Phenyl methane Toluol                  | 108-88-3  | PID               | 200 ppm 500 ppm   | Groundwater Soil Vapor      | inhalation, skin absorption, ingestion, skin and/or eye contact | irritation to the eyes, nose; lassitude (weakness, exhaustion), confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); anxiety, muscle fatigue, paresthesia; dermatitis | Eye: Irrigate immediately  
Skin: Soap wash promptly  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Total PCBs Chlorodiphenyl (42% chlorine) Aroclor® 1242 PCB Polychlorinated biphenyl | 53469-21-9 | None             | 0.5 mg/m³ 5 mg/m³ | Groundwater Soil            | inhalation, skin absorption, ingestion, skin and/or eye contact | irritation to the eyes, chloracne                                                                   | Eye: Irrigate immediately  
Skin: Soap wash immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
| 1.3.1 – 1.3.10 | Total Xylenes Dimethylbenzene Xylol                                         | 1330-20-7 | PID               | 100 ppm 900 ppm   | Groundwater Soil Vapor      | inhalation, skin absorption, ingestion, skin and/or eye contact | irritation to the eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; nausea, vomiting, abdominal pain; dermatitis | Eye: Irrigate immediately  
Skin: Soap flush immediately  
Breathing: Respiratory support  
Swallow: Medical attention immediately |
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<th>Symptoms</th>
<th>First Aid</th>
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</thead>
<tbody>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Trans-Chlordane gamma-Chlordane</td>
<td>5103-74-2</td>
<td>None</td>
<td>0.5 mg/m³ 100 mg/m³</td>
<td>Groundwater Soil</td>
<td>Inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>Blurred vision; confusion; ataxia, delirium; cough; abdominal pain, nausea, vomiting, diarrhea; irritability, tremor, convulsions; anuria</td>
<td>Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Trichloroethylene Ethylene trichloride TCE Trichloroethene Trilene</td>
<td>79-01-6</td>
<td>PID</td>
<td>100 ppm 1000 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>Inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>Irritation to the eyes, skin; headache, visual disturbance, lassitude (weakness, exhaustion), dizziness, tremor, drowsiness, nausea, vomiting; dermatitis; cardiac arrhythmias; paresthesia; liver injury; [potential occupational carcinogen]</td>
<td>Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Trichlorofluoromethane Fluorotrichloromethane Freon® 11 Monofluorotrichloromethane Refrigerant 11 Trichloromonofluoromethane</td>
<td>75-69-4</td>
<td>PID</td>
<td>1000 ppm 2000 ppm</td>
<td>Groundwater Soil Vapor</td>
<td>Inhalation, ingestion, skin and/or eye contact</td>
<td>Incoordination, tremor; dermatitis; cardiac arrhythmias, cardiac arrest; asphyxia; liquid: frostbite</td>
<td>Eye: Irrigate immediately Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>Task</td>
<td>Contaminant</td>
<td>CAS Number</td>
<td>Monitoring Device</td>
<td>PEL/ IDLH</td>
<td>Source of Concentration on Site</td>
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<td>Symptoms</td>
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</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Vanadium</td>
<td>7440-62-2</td>
<td>None</td>
<td>0.1 mg/m3 15 mg/m3</td>
<td>Groundwater Soil</td>
<td>inhalation, skin absorption, ingestion, skin and/or eye contact</td>
<td>nausea, diarrhea, abdominal pain, vomiting; ptosis, strabismus; peroneuritis, tremor; retrosternal (occurring behind the sternum) tightness, chest pain, pulmonary edema; convulsions, chorea, psychosis; liver, kidney damage; alopecia; paresthesia legs</td>
<td>Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Vinyl Chloride Chloroethene Ethylene monochloride Monochloroethene Monochloroethylene VC Vinyl chloride monomer (VCM)</td>
<td>75-01-4</td>
<td>PID</td>
<td>1 ppm NA</td>
<td>Groundwater Soil Vapor</td>
<td>inhalation, skin and/or eye contact (liquid)</td>
<td>lassitude (weakness, exhaustion); abdominal pain, gastrointestinal bleeding; enlarged liver; pallor or cyanosis of extremities; liquid: frostbite; [potential occupational carcinogen]</td>
<td>Eye: Frostbite Skin: Frostbite Breathing: Respiratory support</td>
</tr>
<tr>
<td>1.3.1 – 1.3.10</td>
<td>Zinc</td>
<td>7440-62-2</td>
<td>None</td>
<td>15 mg/m: 500 mg/m</td>
<td>Groundwater Soil</td>
<td>inhalation</td>
<td>chills, muscle ache, nausea, fever, dry throat, cough; lassitude (weakness, exhaustion); metallic taste; headache; blurred vision; low back pain; vomiting; malaise (vague feeling of discomfort); chest tightness; dyspnea (breathing difficulty), rales, decreased pulmonary function</td>
<td>Breathing: Respiratory support</td>
</tr>
</tbody>
</table>

**EXPLANATION OF ABBREVIATIONS**

PID = Photoionization Detector  
PEL = Permissible Exposure Limit (8-hour Time Weighted Average)
IDLH = Immediately Dangerous to Life and Health
ppm = part per million
mg/m³ = milligrams per cubic meter
500 mg/m³
## TABLE 3
Summary of Monitoring Equipment

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Operation Parameters</th>
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| Photoionization Detector (PID) | **Hazard Monitored:** Many organic and some inorganic gases and vapors.  
**Application:** Detects total concentration of many organic and some inorganic gases and vapors. Some identification of compounds is possible if more than one probe is measured.  
**Detection Method:** Ionizes molecules using UV radiation; produces a current that is proportional to the number of ions.  
**General Care/Maintenance:** Recharge or replace battery. Regularly clean lamp window. Regularly clean and maintain the instrument and accessories.  
**Typical Operating Time:** 10 hours. 5 hours with strip chart recorder. |
| Oxygen Meter | **Hazard Monitored:** Oxygen (O₂).  
**Application:** Measures the percentage of O₂ in the air.  
**Detection Method:** Uses an electrochemical sensor to measure the partial pressure of O₂ in the air, and converts the reading to O₂ concentration.  
**General Care/Maintenance:** Replace detector cell according to manufacturer’s recommendations. Recharge or replace batteries prior to expiration of the specified interval. If the ambient air is less than 0.5% CO₂, replace the detector cell frequently.  
**Typical Operating Time:** 8 – 12 hours. |
| Additional equipment (if needed, based on site conditions) |  |
| Combustible Gas Indicator (CGI) | **Hazard Monitored:** Combustible gases and vapors.  
**Application:** Measures the concentration of combustible gas or vapor.  
**Detection Method:** A filament, usually made of platinum, is heated by burning the combustible gas or vapor. The increase in heat is measured. Gases and vapors are ionized in a flame. A current is produced in proportion to the number of carbon atoms present.  
**General Care/Maintenance:** Recharge or replace battery. Calibrate immediately before use.  
**Typical Operating Time:** Can be used for as long as the battery lasts, or for the recommended interval between calibrations, whichever is less. |
| Flame Ionization Detector (FID) with Gas Chromatography Option (i.e., Foxboro Organic Vapor Analyzer (OVA)) | **Hazard Monitored:** Many organic gases and vapors (approved areas only).  
**Application:** In survey mode, detects the concentration of many organic gases and vapors. In gas chromatography (GC) mode, identifies and measures specific compounds. In survey mode, all the organic compounds are ionized and detected at the same time. In GC mode, volatile species are separated.  
**General Care/Maintenance:** Recharge or replace battery. Monitor fuel and/or combustion air supply gauges. Perform routine maintenance as described in the manual. Check for leaks.  
**Typical Operating Time:** 8 hours; 3 hours with strip chart recorder. |
| Potable Infrared (IR) Spectrophotometer | **Hazard Monitored:** Many gases and vapors.  
**Application:** Measures concentration of many gases and vapors in air. Designed to quantify one or two component mixtures.  
**Detection Method:** Passes different frequencies of IR through the sample. The frequencies absorbed are specific for each compound.  
**General Care/Maintenance:** As specified by the manufacturer. |
<table>
<thead>
<tr>
<th>Instrument</th>
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</tr>
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</table>
| Direct Reading Colorimetric Indicator Tube | **Hazard Monitored:** Specific gas and vapors.  
**Application:** Measures concentration of specific gases and vapors.  
**Detection Method:** The compound reacts with the indicator chemical in the tube, producing a stain whose length or color change is proportional to the compound’s concentration.  
**General Care/Maintenance:** Do not use a previously opened tube even if the indicator chemical is not stained. Check pump for leaks before and after use. Refrigerate before use to maintain a shelf life of about 2 years. Check expiration dates of tubes. Calibrate pump volume at least quarterly. Avoid rough handling which may cause channeling. |
| Aerosol Monitor | **Hazard Monitored:** Airborne particulate (dust, mist, fume) concentrations  
**Application:** Measures total concentration of semi-volatile organic compounds, PCBs, and metals.  
**Detection Method:** Based on light-scattering properties of particulate matter. Using an internal pump, air sample is drawn into the sensing volume where near infrared light scattering is used to detect particles.  
**General Care/Maintenance:** As specified by the mfr. Also, the instrument must be calibrated with particulates of a size and refractive index similar to those to be measured in the ambient air. |
| Monitox | **Hazard Monitored:** Gases and vapors.  
**Application:** Measures specific gases and vapors.  
**Detection Method:** Electrochemical sensor relatively specific for the chemical species in question.  
**General Care/Maintenance:** Moisten sponge before use; check the function switch; change the battery when needed. |
| Gamma Radiation Survey Instrument | **Hazard Monitored:** Gamma Radiation.  
**Application:** Environmental radiation monitor.  
**Detection Method:** Scintillation detector.  
**General Care/Maintenance:** Must be calibrated annually at a specialized facility.  
**Typical Operating Time:** Can be used for as long as the battery lasts, or for the recommended interval between calibrations, whichever is less. |
TABLE 4
INSTRUMENTATION ACTION LEVELS

<table>
<thead>
<tr>
<th>Photoionization Detector Action Levels</th>
<th>Action Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background to 5 ppm</td>
<td>No respirator; no further action required</td>
</tr>
<tr>
<td>&gt; 1 ppm but &lt; 5 ppm for &gt; 5 minutes</td>
<td>1. Temporarily discontinue all activities and evaluate potential causes of the excessive readings. If these levels persist and cannot be mitigated (i.e., by slowing drilling or excavation activities), contact HSO to review conditions and determine source and appropriate response action. 2. If PID readings remain above 1 ppm, temporarily discontinue work and upgrade to Level C protection. 3. If sustained PID readings fall below 1 ppm, downgrading to Level D protection may be permitted.</td>
</tr>
<tr>
<td>&gt; 5 ppm but &lt; 150 ppm for &gt; 5 minutes</td>
<td>1. Discontinue all work; all workers shall move to an area upwind of the jobsite. 2. Evaluate potential causes of the excessive readings and allow work area to vent until VOC concentrations fall below 5 ppm. 3. Level C protection will continue to be used until PID readings fall below 1 ppm.</td>
</tr>
<tr>
<td>&gt; 150 ppm</td>
<td>Evacuate the work area</td>
</tr>
</tbody>
</table>

Notes: 1. 1 ppm level based on OSHA Permissible Exposure Limit (PEL) for benzene. 2. 5 ppm level based on OSHA Short Term Exposure Limit (STEL) maximum exposure for benzene for any 15 minute period. 3. 150 ppm level based on NIOSH Immediately Dangerous to Life and Health (IDLH) for tetrachloroethylene.
### TABLE 5
**EMERGENCY NOTIFICATION LIST**

<table>
<thead>
<tr>
<th>ORGANIZATION</th>
<th>CONTACT</th>
<th>TELEPHONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local Police Department</td>
<td>NYPD</td>
<td>911</td>
</tr>
<tr>
<td>Local Fire Department</td>
<td>NYFD</td>
<td>911</td>
</tr>
<tr>
<td>Ambulance/Rescue Squad</td>
<td>NYFD</td>
<td>911</td>
</tr>
<tr>
<td>Hospital</td>
<td>Harlem Hospital Center</td>
<td>911 or 212-939-1000</td>
</tr>
<tr>
<td>Langan Incident / Injury Hotline</td>
<td></td>
<td>800-952-6426 ex 4699</td>
</tr>
<tr>
<td>Langan Project Manager</td>
<td>Brian Gochenaur</td>
<td>347-320-2756 (cell)</td>
</tr>
<tr>
<td>Langan Health and Safety Manager (HSM)</td>
<td>Tony Moffa</td>
<td>215-756-2523 (cell)</td>
</tr>
<tr>
<td>Langan Health &amp; Safety Officer (HSO)</td>
<td>William Bohrer</td>
<td>410-984-3068 (cell)</td>
</tr>
<tr>
<td>Langan Field Team Leader (FTL)</td>
<td>Michele Rogers</td>
<td>973-896-9277 (cell)</td>
</tr>
<tr>
<td>Client’s Representative</td>
<td>Aaron Stickney</td>
<td>973-622-0073</td>
</tr>
<tr>
<td>National Response Center (NRC)</td>
<td></td>
<td>800-424-8802</td>
</tr>
<tr>
<td>Chemical Transportation Emergency Center (Chemetrec)</td>
<td></td>
<td>800-424-9300</td>
</tr>
<tr>
<td>Center for Disease Control (CDC)</td>
<td></td>
<td>404-639-3534</td>
</tr>
<tr>
<td>EPA (RCRA Superfund Hotline)</td>
<td></td>
<td>800-424-9346</td>
</tr>
<tr>
<td>TSCA Hotline</td>
<td></td>
<td>202-554-1404</td>
</tr>
<tr>
<td>Poison Control Center</td>
<td></td>
<td>800-222-1222</td>
</tr>
</tbody>
</table>

*Immediately following an incident or near miss, unless emergency medical treatment is required, either the employee or a coworker must contact the Langan Incident/Injury Hotline at 1-(800)-9-LANGAN (ext. #4699).*
TABLE 6
SUGGESTED FREQUENCY OF PHYSIOLOGICAL MONITORING
FOR FIT AND ACCLIMATED WORKERS\(^a\)

<table>
<thead>
<tr>
<th>Adjusted Temperature(^b)</th>
<th>Normal Work Ensemble(^c)</th>
<th>Impermeable Ensemble</th>
</tr>
</thead>
<tbody>
<tr>
<td>90°F or above (32.2°C) or above</td>
<td>After each 45 min. of work</td>
<td>After each 15 min. of work</td>
</tr>
<tr>
<td>87.5°F (30.8°-32.2°C)</td>
<td>After each 60 min. of work</td>
<td>After each 30 min. of work</td>
</tr>
<tr>
<td>82.5°-87.5°F (28.1°-30.8°C)</td>
<td>After each 90 min. of work</td>
<td>After each 60 min. of work</td>
</tr>
<tr>
<td>77.5°-82.5°F (25.3°-28.1°C)</td>
<td>After each 120 min. of work</td>
<td>After each 90 min. of work</td>
</tr>
<tr>
<td>72.5°-77.5°F (22.5°-25.3°C)</td>
<td>After each 150 min. of work</td>
<td>After each 120 min. of work</td>
</tr>
</tbody>
</table>

\(^a\) For work levels of 250 kilocalories/hour.

\(^b\) Calculate the adjusted air temperature (ta adj) by using this equation: \(ta_{adj} \, °F = ta \, °F + (13 \times \% \, sunshine)\). Measure air temperature (ta) with a standard mercury-in-glass thermometer, with the bulb shielded from radiant heat. Estimate percent sunshine by judging what percent time the sun is not covered by clouds that are thick enough to produce a shadow. (100 percent sunshine = no cloud cover and a sharp, distinct shadow; 0 percent sunshine = no shadows.)

\(^c\) A normal work ensemble consists of cotton coveralls or other cotton clothing with long sleeves and pants.
# TABLE 7
## HEAT INDEX

<table>
<thead>
<tr>
<th>RELATIVE HUMIDITY</th>
<th>70</th>
<th>75</th>
<th>80</th>
<th>85</th>
<th>90</th>
<th>95</th>
<th>100</th>
<th>105</th>
<th>110</th>
<th>115</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>64</td>
<td>69</td>
<td>73</td>
<td>78</td>
<td>83</td>
<td>87</td>
<td>91</td>
<td>95</td>
<td>99</td>
<td>103</td>
<td>107</td>
</tr>
<tr>
<td>10%</td>
<td>65</td>
<td>70</td>
<td>75</td>
<td>80</td>
<td>85</td>
<td>90</td>
<td>95</td>
<td>100</td>
<td>105</td>
<td>111</td>
<td>116</td>
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<tr>
<td>20%</td>
<td>66</td>
<td>72</td>
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<td>82</td>
<td>87</td>
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<td>99</td>
<td>105</td>
<td>112</td>
<td>120</td>
<td>130</td>
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<tr>
<td>30%</td>
<td>67</td>
<td>73</td>
<td>78</td>
<td>84</td>
<td>90</td>
<td>96</td>
<td>104</td>
<td>113</td>
<td>123</td>
<td>135</td>
<td>148</td>
</tr>
<tr>
<td>40%</td>
<td>68</td>
<td>74</td>
<td>79</td>
<td>86</td>
<td>93</td>
<td>101</td>
<td>110</td>
<td>123</td>
<td>137</td>
<td>151</td>
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<tr>
<td>50%</td>
<td>69</td>
<td>75</td>
<td>81</td>
<td>88</td>
<td>96</td>
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<tr>
<td>60%</td>
<td>70</td>
<td>76</td>
<td>82</td>
<td>90</td>
<td>100</td>
<td>114</td>
<td>132</td>
<td>149</td>
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<td>70%</td>
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<td>77</td>
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<td>93</td>
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<td>124</td>
<td>144</td>
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<tr>
<td>80%</td>
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<tr>
<td>100%</td>
<td>72</td>
<td>80</td>
<td>91</td>
<td>108</td>
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</tbody>
</table>

*Combined Index of Heat and Humidity...what it "feels like" to the body
Source: National Oceanic and Atmospheric Administration

### How to use Heat Index:
1. Across top locate Environmental Temperature
2. Down left side locate Relative Humidity
3. Follow across and down to find Apparent Temperature
4. Determine Heat Stress Risk on chart at right

Note: Exposure to full sunshine can increase Heat Index values by up to 15 degrees F.

<table>
<thead>
<tr>
<th>Apparent Temperature</th>
<th>Heat Stress Risk with Physical Activity and/or Prolonged Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-105</td>
<td>Heat Cramps or Heat Exhaustion Possible</td>
</tr>
<tr>
<td>105-130</td>
<td>Heat Cramps or Heat Exhaustion Likely, Heat Stroke Possible</td>
</tr>
<tr>
<td>&gt;130</td>
<td>Heatstroke Highly Likely</td>
</tr>
</tbody>
</table>
FIGURES
FIGURE 1
Site Location Map

NOTE: BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5 MINUTE SERIES CENTRAL PARK QUADRANGLE Map, DATED 2016.
FIGURE 2
HOSPITAL ROUTE PLAN

Hospital Location: Harlem Hospital Center
506 Lenox Avenue
New York, NY
212-939-1000

START: 414 Gerald Avenue, Bronx, NY
1. Head west on East 144th Street toward Exterior Street
2. Turn left onto Exterior Street
3. Turn right onto East 138th Street/Madison Avenue Bridge
4. Slight left onto Madison Avenue Bridge
5. Madison Avenue Bridge turns right and becomes East 135th Street
6. Turn right onto Lenox Avenue/Malcolm X Boulevard, destination will be on the right.

END: Harlem Hospital Center, 5006 Lenox Avenue, New York, NY
ATTACHMENT A

STANDING ORDERS
STANDING ORDERS

GENERAL

- No smoking, eating, or drinking in this work zone.
- Upon leaving the work zone, personnel will thoroughly wash their hands and face.
- Minimize contact with contaminated materials through proper planning of work areas and decontamination areas, and by following proper procedures. Do not place equipment on the ground. Do not sit on contaminated materials.
- No open flames in the work zone.
- Only properly trained and equipped personnel are permitted to work in potentially contaminated areas.
- Always use the appropriate level of personal protective equipment (PPE).
- Maintain close contact with your buddy in the work zone.
- Contaminated material will be contained in the Exclusion Zone (EZ).
- Report any unusual conditions.
- Work areas will be kept clear and uncluttered. Debris and other slip, trip, and fall hazards will be removed as frequently as possible.
- The number of personnel and equipment in the work zone will be kept to an essential minimum.
- Be alert to the symptoms of fatigue and heat/cold stress, and their effects on the normal caution and judgment of personnel.
- Conflicting situations which may arise concerning safety requirements and working conditions must be addressed and resolved quickly by the site HSO.

TOOLS AND HEAVY EQUIPMENT

- Do not, under any circumstances, enter or ride in or on any backhoe bucket, materials hoist, or any other device not specifically designed to carrying passengers.
- Loose-fitting clothing or loose long hair is prohibited around moving machinery.
- Ensure that heavy equipment operators and all other personnel in the work zone are using the same hand signals to communicate.
- Drilling/excavating within 10 feet in any direction of overhead power lines is prohibited.
- The locations of all underground utilities must be identified and marked out prior to initiating any subsurface activities.
- Check to insure that the equipment operator has lowered all blades and buckets to the ground before shutting off the vehicle.
- If the equipment has an emergency stop device, have the operator show all personnel its location and how to activate it.
- Help the operator ensure adequate clearances when the equipment must negotiate in tight quarters; serve as a signalman to direct backing as necessary.
- Ensure that all heavy equipment that is used in the Exclusion Zone is kept in that zone until the job is done, and that such equipment is completely decontaminated before moving it into the clean area of the work zone.
- Samplers must not reach into or get near rotating equipment such as the drill rig. If personnel must work near any tools that could rotate, the equipment operator must completely shut down the rig prior to initiating such work. It may be necessary to use a remote sampling device.
ATTACHMENT B

DECONTAMINATION PROCEDURES
PERSONNEL DECONTAMINATION

LEVEL C DECONTAMINATION

Station 1: Equipment Drop
1. Deposit equipment used on-site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths. Segregation at the drop reduces the probability of cross contamination. During hot weather operations, cool down stations may be set up within this area.

Station 2: Outer Garment, Boots, and Gloves Wash and Rinse
2. Scrub outer boots, outer gloves and chemical-resistant splash suit with decon solution or detergent and water. Rinse off using copious amounts of water.

Station 3: Outer Boot and Glove Removal
3. Remove outer boots and gloves. Deposit in container with plastic liner.

Station 4: Canister or Mask Change
4. If worker leaves Exclusion Zone to change canister (or mask), this is the last step in the decontamination procedure. Worker’s canister is exchanged, new outer gloves and boot covers donned, joints taped, and worker returns to duty.

Station 5: Boot, Gloves and Outer Garment Removal
5. Boots, chemical-resistant splash suit, inner gloves removed and deposited in separate containers lined with plastic.

Station 6: Face piece Removal
6. Face piece is removed (avoid touching face with fingers). Face piece deposited on plastic sheets.

Station 7: Field Wash
7. Hands and face are thoroughly washed. Shower as soon as possible.

LEVEL D DECONTAMINATION

Station 1: Equipment Drop
1. Deposit equipment used on-site (tools, sampling devices and containers, monitoring instruments, radios, clipboards, etc.) on plastic drop cloths. Segregation at the drop reduces the probability of cross contamination. During hot weather operations, cool down stations may be set up within this area.

Station 2: Outer Garment, Boots, and Gloves Wash and Rinse
2. Scrub outer boots, outer gloves and chemical-resistant splash suit with decon solution or detergent and water. Rinse off using copious amounts of water.

Station 3: Outer Boot and Glove Removal
3. Remove outer boots and gloves. Deposit in container with plastic liner.

Station 4: Boot, Gloves and Outer Garment Removal
4. Boots, chemical-resistant splash suit, inner gloves removed and deposited in separate containers lined with plastic.

Station 5: Field Wash
5. Hands and face are thoroughly washed. Shower as soon as possible.
EQUIPMENT DECONTAMINATION

GENERAL:

Equipment to be decontaminated during the project may include tools, monitoring equipment, respirators, sampling containers, laboratory equipment and drilling equipment.

All decontamination will be done by personnel in protective gear, appropriate for the level of decontamination, as determined by the site HSO. The decontamination work tasks will be split or rotated among support and work crews.

Depending on site conditions, backhoe and pumps may be decontaminated over a portable decontamination pad to contain wash water; or, wash water may be allowed to run off into a storm sewer system. Equipment needed may include a steam generator with high-pressure water, empty drums, screens, screen support structures, and shovels. Drums will be used to hold contaminated wash water pumped from the lined pit. These drums will be labeled as such.

Miscellaneous tools and equipment will be dropped into a plastic pail, tub, or other container. They will be brushed off and rinsed with a detergent solution, and finally rinsed with clean water.

MONITORING EQUIPMENT:

Monitoring equipment will be protected as much as possible from contamination by draping, masking, or otherwise covering as much of the instruments as possible with plastic without hindering the operation of the unit. The PID, HNu or OVA meter, for example, can be placed in a clear plastic bag, which allows reading of the scale and operation of knobs. The probes can be partially wrapped keeping the sensor tip and discharge port clear.

The contaminated equipment will be taken from the drop area and the protective coverings removed and disposed in the appropriate containers. Any dirt or obvious contamination will be brushed or wiped with a disposable paper wipe.

RESPIRATORS:

Respirators will be cleaned and disinfected after every use. Taken from the drop area, the masks (with the cartridges removed and disposed of with other used disposable gear) will be immersed in a cleaning solution and scrubbed gently with a soft brush, followed by a rinse in plain warm water, and then allowed to air dry. In the morning, new cartridges will be installed. Personnel will inspect their own masks for serviceability prior to donning them. And, once the mask is on, the wearer will check the respirator for leakage using the negative and positive pressure fit check techniques.
ATTACHMENT C

EMPLOYEE EXPOSURE/
INJURY INCIDENT REPORT
EMPLOYEE INCIDENT/INJURY REPORT
LANGAN ENGINEERING & ENVIRONMENTAL SERVICES

(Complete and return to Tony Moffa in the Doylestown Office)

Affected Employee Name: ___________________________ Date: ___________________________

Incident type:  □ Injury  □ Report Only/No Injury
               □ Near Miss  □ Other: ___________________________

EMPLOYEE INFORMATION (Person completing Form)

Employee Name: ___________________________ Employee No: ___________________________

Title: ___________________________ Office Location: ___________________________

Length of time employed or date of hire: ___________________________

Mailing address: _______________________________________________________________

Sex:  M □  F □  Birth date: ___________________________

Business phone & extension: ___________________________ Residence/cell phone: ___________________________

ACCIDENT INFORMATION

Project: ___________________________ Project #: ___________________________

Date & time of incident: ___________________________ Time work started & ended: ___________________________

Site location: _____________________________________________________________

Incident Type: Possible Exposure □  Exposure □  Physical Injury □

Names of person(s) who witnessed the incident: ____________________________________________

Exact location incident occurred: _____________________________________________________________

Describe work being done: _________________________________________________________________
Describe what affected employee was doing prior to the incident occurring: ________________________________

Describe in detail how the incident occurred: ________________________________

Nature of the incident (List the parts of the body affected): ________________________________

Person(s) to whom incident was reported (Time and Date): ________________________________

List the names of other persons affected during this incident: ________________________________

Possible causes of the incident (equipment, unsafe work practices, lack of PPE, etc.): ________________________________

Weather conditions during incident: ________________________________

MEDICAL CARE INFORMATION

Did affected employee receive medical care? Yes ☐ No ☐

If Yes, when and where was medical care received: ________________________________

Provide name of facility (hospital, clinic, etc.): ________________________________

Length of stay at the facility? ________________________________

Did the employee miss any work time? Yes ☐ No ☐ Undetermined ☐
Date employee last worked: ____________________ Date employee returned to work: ____________________

Has the employee returned to work? Yes [ ] No [ ]

Does the employee have any work limitations or restrictions from the injury? Yes [ ] No [ ]
If Yes, please describe: ____________________________________________________________

Did the exposure/injury result in permanent disability? Yes [ ] No [ ] Unknown [ ]
If Yes, please describe: ____________________________________________________________

---

**HEALTH & SAFETY INFORMATION**

Was the operation being conducted under an established site specific CONSTRUCTION CONSTRUCTION CONSTRUCTION HEALTH AND SAFETY PLAN?
Yes [ ] No [ ] Not Applicable: [ ]

Describe protective equipment and clothing used by the employee:
________________________________________________________
________________________________________________________
________________________________________________________

Did any limitations in safety equipment or protective clothing contribute to or affect exposure / injury? If so, explain:
________________________________________________________
________________________________________________________
________________________________________________________

Employee Signature ___________________________ Date ________________

Langan Representative __________________________ Date ________________
ATTACHMENT D

CALIBRATION LOG
<table>
<thead>
<tr>
<th>Date &amp; Time</th>
<th>Inst Type</th>
<th>Inst #</th>
<th>Media</th>
<th>Initial Reading</th>
<th>Span #</th>
<th>Calibrat. Reading</th>
<th>Performed By</th>
</tr>
</thead>
<tbody>
<tr>
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ATTACHMENT E

MATERIAL SAFETY DATA SHEETS

SAFETY DATA SHEETS

All Langan Field Personnel Completing This Work Plan Are To Have Real Time Accessibility To Material Safety Data Sheet (MSDs) or Safety Data Sheet (SDSs) Through Their Smart Phone.

The link is http://www.msds.com/
The login name is “drapehead”
The password is “2angan987”

If You Are Unable To Use the Smart Phone App, You Are To Bring Printed Copies of the MSDs/SDSs to the Site
ATTACHMENT F

JOBSITE SAFETY INSPECTION CHECKLIST
# Jobsite Safety Inspection Checklist

**Date:** ________________  **Inspected By:** ________________

**Location:** ________________  **Project #:** ________________

Check one of the following: **A:** Acceptable  **NA:** Not Applicable  **D:** Deficiency

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1. CHASP available onsite for inspection?</td>
<td>A</td>
<td>NA</td>
<td>D</td>
</tr>
<tr>
<td>2. Health &amp; Safety Compliance agreement (in CHASP) appropriately signed by Langan employees and contractors?</td>
<td></td>
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<tr>
<td>3. Hospital route map with directions posted on site?</td>
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<tr>
<td>4. Emergency Notification List posted on site?</td>
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<tr>
<td>5. First Aid kit available and properly stocked?</td>
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<tr>
<td>6. Personnel trained in CPR/First Aid on site?</td>
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<tr>
<td>7. MSDSs readily available, and all workers knowledgeable about the specific chemicals and compounds to which they may be exposed?</td>
<td></td>
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<tr>
<td>8 Appropriate PPE being worn by Langan employees and contractors?</td>
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<tr>
<td>9. Project site safe practices (&quot;Standing Orders&quot;) posted?</td>
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<tr>
<td>10. Project staff have 40-hr./8-hr./Supervisor HAZWOPER training?</td>
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<tr>
<td>11. Project staff medically cleared to work in hazardous waste sites and fit-tested to wear respirators, if needed?</td>
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<tr>
<td>12. Respiratory protection readily available?</td>
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<tr>
<td>13. Health &amp; Safety Incident Report forms available?</td>
<td></td>
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<tr>
<td>14. Air monitoring instruments calibrated daily and results recorded on the Daily Instrument Calibration check sheet?</td>
<td></td>
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<tr>
<td>15. Air monitoring readings recorded on the air monitoring data sheet/field log book?</td>
<td></td>
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<tr>
<td>16. Subcontract workers have received 40-hr./8-hr./Spvsr. HAZWOPER training, as appropriate?</td>
<td></td>
<td></td>
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<tr>
<td>17. Subcontract workers medically cleared to work on site, and fit-tested for respirator wear?</td>
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<tr>
<td>18. Subcontract workers have respirators readily available?</td>
<td></td>
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<tr>
<td>19. Mark outs of underground utilities done prior to initiating any subsurface activities?</td>
<td></td>
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<tr>
<td>20. Decontamination procedures being followed as outlined in CHASP?</td>
<td></td>
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<tr>
<td>21. Are tools in good condition and properly used?</td>
<td></td>
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<tr>
<td>22. Drilling performed in areas free from underground objects including utilities?</td>
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<tr>
<td>23. Adequate size/type fire extinguisher supplied?</td>
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<tr>
<td>24. Equipment at least 20 feet from overhead powerlines?</td>
<td></td>
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<tr>
<td>25. Evidence that drilling operator is responsible for the safety of his rig.</td>
<td></td>
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<tr>
<td>26. Trench sides shored, layer back, or boxed?</td>
<td></td>
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<tr>
<td>27. Underground utilities located and authorities contacted before digging?</td>
<td></td>
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<tr>
<td>28. Ladders in trench (25-foot spacing)?</td>
<td></td>
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<tr>
<td>29. Excavated material placed more than 2 feet away from excavation edge?</td>
<td></td>
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<tr>
<td>30. Public protected from exposure to open excavation?</td>
<td></td>
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</tr>
<tr>
<td>31. People entering the excavation regarding it as a permit-required confined space and following appropriate procedures?</td>
<td></td>
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<tr>
<td>32. Confined space entry permit is completed and posted?</td>
<td></td>
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<tr>
<td>33. All persons knowledgeable about the conditions and characteristics of the confined space?</td>
<td></td>
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<tr>
<td>34. All persons engaged in confined space operations have been trained in safe entry and rescue (non-entry)?</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>35. Full body harnesses, lifelines, and hoisting apparatus available for rescue needs?</td>
<td></td>
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<tr>
<td>36. Attendant and/or supervisor certified in basic first aid and CPR?</td>
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<tr>
<td>37. Confined space atmosphere checked before entry and continuously while the work is going on?</td>
<td></td>
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<tr>
<td>38. Results of confined space atmosphere testing recorded?</td>
<td></td>
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<tr>
<td>39. Evidence of coordination with off-site rescue services to perform entry rescue, if needed?</td>
<td></td>
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<tr>
<td>40. Are extension cords rated for this work being used and are they properly maintained?</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>41. Are GFCIs provided and being used?</td>
<td></td>
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</tr>
</tbody>
</table>

**Unsafe Acts:**

________________________________________________________________________________________
________________________________________________________________________________________

**Notes:**

________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________
ATTACHMENT G

JOB SAFETY ANALYSIS FORM
Langan employees must review and revise the Job Safety Analysis (JSA) as needed to address any site-specific hazards not identified. Employees must provide their signatures on the last page of the JSA indicating they have reviewed the JSA and are aware of the potential hazards associated with this work and will follow the provided preventive or corrective measures.

**PERSONAL PROTECTIVE EQUIPMENT REQUIRED: (PPE):**

- **Required**
- **As Needed**

<table>
<thead>
<tr>
<th>PPE</th>
<th>Required</th>
<th>As Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel-toed boots</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrile gloves</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal Protection (Specify)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long-sleeved shirt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leather/Cut-resistant gloves</td>
<td></td>
<td></td>
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<tr>
<td>High visibility vest/clothing</td>
<td></td>
<td></td>
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<tr>
<td>Safety glasses</td>
<td></td>
<td></td>
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<tr>
<td>Face Shield</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hard hat</td>
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</tr>
</tbody>
</table>

**ADDITIONAL PERSONAL PROTECTIVE EQUIPMENT NEEDED** (Provide specific type(s) or descriptions)

- **Air Monitoring:**
- **Respirators:**
- **Other:**
- **Dermal Protection:**
- **Cartridges:**
- **Other:**

<table>
<thead>
<tr>
<th>JOB STEPS</th>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE OR CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1.</td>
<td>1a.</td>
</tr>
<tr>
<td></td>
<td>2.</td>
<td>1b.</td>
</tr>
<tr>
<td>2.</td>
<td>1.</td>
<td>2a.</td>
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<tr>
<td></td>
<td></td>
<td>2b.</td>
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</tbody>
</table>

Additional items identified in the field.

**If additional items are identified during daily work activities, please notify all relevant personnel about the change and document on this JSA.**
**PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):**

<table>
<thead>
<tr>
<th></th>
<th>Safety Shoes</th>
<th>Long Sleeves</th>
<th>Safety Vest (Class 2)</th>
<th>Hard Hat</th>
<th>Hearing Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Glasses</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leather Gloves</td>
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<td></td>
<td></td>
<td></td>
<td>Fall Protection</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Fire Resistant Clothing</td>
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<td></td>
<td></td>
<td>PVC Gloves</td>
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<tr>
<td>Other:</td>
<td><em>Dielectric Overshoes, Sun Block</em></td>
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</tr>
</tbody>
</table>

**JOB STEPS**

1. Transport equipment to work area
   - 1. Back/strain
   - 2. Slip/Trip/Falls
   - 3. Traffic
   - 4. Cuts/abrasions/contusions from equipment
   - 5. Accidents due to vehicle operations

2. Traffic
   - 1. Hit by moving vehicle

3. Field Work (drilling, resistivity testing, and inspection)
   - 1. Biological Hazards: insects, rats, snakes, poisonous plants, and other animals
   - 2. Heat stress/injuries
   - 3. Cold Stress/injuries
   - 4. High Energy Transmission Lines
   - 5. Underground Utilities
   - 6. Electrical (soil resistivity testing)

**POTENTIAL HAZARDS**

1. Use proper lifting techniques/Use wheeled transport
2. Minimize distance to work area/unobstructed path to work area/follow good housekeeping procedures
3. Wear proper PPE (high visibility vest or clothing)
4. Wear proper PPE (leather gloves, long sleeves, Langan approved safety shoes)
5. Observe posted speed limits/ Wear seat belts at all times

**PREVENTATIVE / CORRECTIVE ACTION**

1. Inspect work area to identify biological hazards. Wear light colored long sleeve shirt and long pants/ Use insect repellant as necessary/ Beware of tall grass, bushes, woods and other areas where ticks may live/ Avoid leaving garbage on site to prevent attracting animals/ Identify and avoid contact with poisonous plants/Beware of rats, snakes, or stray animals.
2. Wear proper clothing (light colored)/ drink plenty of water/ take regular breaks/use sun block
3. Wear proper clothing/ dress in layers/ take regular breaks.
4. Avoid direct contact with high energy transmission lines/ position equipment at least 15 feet or as required by PSE&G from the transmission lines/ wear proper PPE (dielectric overshoes 15 kV minimum rating).
5. Call one-call service before performing intrusive field work/ Review utility mark-outs and available utility drawings (with respect to proposed work locations)/ Follow Underground Utility Guidelines.
<table>
<thead>
<tr>
<th>JOB STEPS</th>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
</tr>
</thead>
</table>
| 4. All activities | 1. Slips/ Trips/ Falls  
2. Hand injuries, cuts or lacerations during manual handling of materials  
3. Foot injuries  
4. Back injuries  
5. Traffic  
6. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.)  
7. High Noise levels  
8. Overhead hazards  
9. Heat Stress/ Cold Stress  
10. Eye Injuries | 6. See AGI Sting R1 operating manual for specific concerns during operating instrument  
7. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards  
8. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves  
9. Wear Langan approved safety shoes  
10. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible  
11. Wear high visibility clothing & vest / Use cones or signs to designate work area  
12. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed  
13. Wear proper hearing protection  
14. Wear hard hat / Avoid areas were overhead hazards exist.  
15. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress  
16. Wear safety glasses |

Additional items.

Additional Items identified while in the field.  
(Delete row if not needed.)

<table>
<thead>
<tr>
<th>Print Name</th>
<th>Sign Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepared by:</td>
<td></td>
<td></td>
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<tr>
<td>Reviewed by:</td>
<td></td>
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</tbody>
</table>
A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventative/corrective actions.

### PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

<table>
<thead>
<tr>
<th>Safety Shoes</th>
<th>Long Sleeves</th>
<th>Safety Vest (Class 2)</th>
<th>Hard Hat</th>
<th>Hearing Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Glasses</td>
<td>Safety Goggles</td>
<td>Face Shield</td>
<td>Nitrile Gloves</td>
<td>Fire Resistant Clothing</td>
</tr>
<tr>
<td>Leather Gloves</td>
<td>Cut Resist. Gloves</td>
<td>Fall Protection</td>
<td>Rubber Boots</td>
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</tr>
<tr>
<td>Insect/Animal Repellent</td>
<td>Ivy Blocker/Cleaner</td>
<td>Traffic Cones/Signs</td>
<td>Life Vest/Jacket</td>
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</tr>
<tr>
<td>Other: Half-face respirator, dust cartridges, PID (if applicable)</td>
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</table>

### JOB STEPS

<table>
<thead>
<tr>
<th>JOB STEPS</th>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Move equipment to work site</td>
<td>6. Back strain when lifting equipment</td>
<td>6. Use proper lifting technique (use legs for bending and lifting and not the back) / Use wheeled transport for heavy equipment / Get assistance when handling loads greater than 50 lbs. / Minimize distance to vehicle</td>
</tr>
<tr>
<td>7. Slips/ Trips/ Falls while moving equipment</td>
<td>7. Use proper lifting technique (use legs for bending and lifting and not the back) / Use wheeled transport for heavy equipment / Get assistance when handling loads greater than 50 lbs. / Minimize distance to vehicle / Have unobstructed path to vehicle or collection point / Do not lift/walk with boxes that are heavy/difficult to lift</td>
<td></td>
</tr>
<tr>
<td>8. Traffic (if applicable)</td>
<td>8. Wear high visibility safety vests or clothing / Exercise caution</td>
<td></td>
</tr>
<tr>
<td>9. Pinched fingers or running over toes during geoprobe set-up</td>
<td>9. Wear proper PPE (cut-resistant gloves) / Stay alert, be aware of geoprobe rig at all times</td>
<td></td>
</tr>
<tr>
<td>10. Overturn drilling rig while transporting to loading dock on flat-bed tow truck</td>
<td>10. Drill rig should be parked in center of flat-bed tow truck / Emergency brake shall be used at all times during transport on the flat-bed truck / All unnecessary personnel should stay away from the flat-bed truck during moving activities</td>
<td></td>
</tr>
<tr>
<td>6. Calibration of monitoring equipment</td>
<td>1. Skin or eye contact with calibration chemicals</td>
<td>1. Wear proper PPE (safety glasses/ goggles)</td>
</tr>
<tr>
<td></td>
<td>2. Pinch fingers in monitoring equipment</td>
<td>2. Wear proper PPE (leather gloves)</td>
</tr>
<tr>
<td>7. Set-up geoprobe rig</td>
<td>1. Geoprobe rig movement</td>
<td>1. All field personnel should stay clear of the geoprobe rig while moving / Use a spotter when backing up the geoprobe</td>
</tr>
<tr>
<td>8. Advance geoprobe rods below ground surface to desired depth</td>
<td>1. Underground utilities</td>
<td>1. Clean all subsurface soil borings to a minimum of 5 feet below grade</td>
</tr>
<tr>
<td></td>
<td>2. High noise levels</td>
<td>2. Wear proper PPE (hearing protection)</td>
</tr>
<tr>
<td>9. Remove and open acetate liner</td>
<td>11. Pinched fingers while removing macrocore</td>
<td>1. Wear proper PPE (nitrile gloves, cut-resistant or leather gloves)</td>
</tr>
<tr>
<td></td>
<td>12. Cuts/lacerations when cutting acetate liner open</td>
<td>2. Wear proper PPE (cut-resistant or leather gloves)</td>
</tr>
<tr>
<td></td>
<td>13. Exposure to hazardous vapors</td>
<td>3. Do not place face over acetate liner when opening / Monitor hazardous vapors in air with PID / Upgrade PPE as necessary based on levels contained in the Health and Safety Plan</td>
</tr>
</tbody>
</table>

### PERSONAL PROTECTIVE EQUIPMENT REQUIRED:

- Safety Shoes
- Long Sleeves
- Safety Vest (Class 2)
- Hard Hat
- Hearing Protection
- Safety Glasses
- Safety Goggles
- Face Shield
- Nitrile Gloves
- Fire Resistant Clothing
- Leather Gloves
- Cut Resist. Gloves
- Fall Protection
- PVC Gloves
- Insect/Animal Repellent
- Ivy Blocker/Cleaner
- Traffic Cones/Signs
- Life Vest/Jacket
- Other: Half-face respirator, dust cartridges, PID (if applicable)
<table>
<thead>
<tr>
<th>JOB STEPS</th>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Remove and open acetate liner (cont’d)</td>
<td>14. Skin contact with contaminated soil</td>
<td>4. Wear proper PPE (nitrile gloves)</td>
</tr>
<tr>
<td></td>
<td>1. Contact with potentially contaminated soil</td>
<td>1. Use monitoring devices / Wear proper PPE (safety glasses, nitrile gloves)</td>
</tr>
<tr>
<td></td>
<td>2. Lacerations from broken sample bottles</td>
<td>2. Do not over-tighten bottle caps / Handle bottles safely to prevent breakage</td>
</tr>
<tr>
<td></td>
<td>3. Back strain while transporting full coolers</td>
<td>3. Use proper lifting techniques / Do not lift heavy loads without assistance</td>
</tr>
<tr>
<td></td>
<td>4. Internal exposure to contaminants and metals through inhalation of dust</td>
<td>4. Avoid creating dust / If necessary, wear a half mask respirator with applicable dust cartridge / Inspect respirator for damage and cleanliness prior to use / Clean respirator after each use and store in a clean, secure location</td>
</tr>
<tr>
<td></td>
<td>5. Slips/ Trips/ Falls</td>
<td>5. Be alert / Follow good housekeeping procedures</td>
</tr>
<tr>
<td>10. Sample Collections</td>
<td>a) Monitor parameters</td>
<td>b) Prepare sample containers and labels</td>
</tr>
<tr>
<td></td>
<td>1. Cuts/lacerations from acetate liner</td>
<td>1. Wear proper PPE (cut-resistant or leather gloves)</td>
</tr>
<tr>
<td></td>
<td>2. Pinched fingers/hand while opening/closing drum</td>
<td>2. Wear proper PPE (cut-resistant or leather gloves)</td>
</tr>
<tr>
<td></td>
<td>3. Skin contact with contaminated soil</td>
<td>3. Wear proper PPE (nitrile gloves)</td>
</tr>
<tr>
<td></td>
<td>4. Soil debris in eyes</td>
<td>4. Wear proper PPE (safety glasses)</td>
</tr>
<tr>
<td>11. Remove excess soil from acetate liner and place in 55-gallon drum (IF NOT PERFORMED BY LANGAN, REMOVE!)</td>
<td>1. Back, arm or shoulder strain from moving drums</td>
<td>17. Use drum cart for moving drums / Use proper lifting techniques / Do not lift heavy loads without assistance</td>
</tr>
<tr>
<td></td>
<td>2. Pinch fingers/hand in drum cart when moving drums</td>
<td>18. Wear proper PPE (cut-resistant or leather gloves)</td>
</tr>
<tr>
<td></td>
<td>3. Pinch fingers/hand when operating lift-gate on vehicle</td>
<td>19. Wear proper PPE (cut-resistant or leather gloves)</td>
</tr>
<tr>
<td></td>
<td>4. Contact with potentially contaminated groundwater when moving improperly sealed drums</td>
<td>20. Wear proper PPE (nitrile gloves underneath work gloves)</td>
</tr>
<tr>
<td></td>
<td>5. Slips when moving drums</td>
<td>21. Follow good housekeeping procedures / Ensure route to move drum and storage space is free from obstructions</td>
</tr>
<tr>
<td></td>
<td>6. Drop drum on feet/toes</td>
<td>22. Wear proper PPE (safety shoes) / Work in a safe manner to prevent dropped drum</td>
</tr>
<tr>
<td>8. Transport drums to central staging location (IF NOT PERFORMED BY LANGAN, REMOVE!)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. All activities</td>
<td>1. Slips/ Trips/ Falls</td>
<td>1. Be aware of potential trip hazards / Follow good housekeeping procedures / Mark significant hazards</td>
</tr>
<tr>
<td></td>
<td>2. Hand injuries, cuts or lacerations during manual handling of materials</td>
<td>2. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves</td>
</tr>
<tr>
<td></td>
<td>3. Foot injuries</td>
<td>3. Wear Langan approved safety shoes</td>
</tr>
<tr>
<td></td>
<td>4. Back injuries</td>
<td>4. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible</td>
</tr>
<tr>
<td></td>
<td>5. Traffic</td>
<td>5. Wear high visibility clothing &amp; vest / Use cones or signs to designate work area</td>
</tr>
<tr>
<td></td>
<td>6. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.)</td>
<td>6. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed</td>
</tr>
<tr>
<td></td>
<td>7. High Noise levels</td>
<td>7. Wear hearing protection</td>
</tr>
<tr>
<td></td>
<td>8. Overhead hazards</td>
<td>8. Wear hard hat / Avoid areas were overhead hazards exist.</td>
</tr>
<tr>
<td></td>
<td>9. Heat Stress/ Cold Stress</td>
<td>9. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress</td>
</tr>
<tr>
<td>JOB STEPS</td>
<td>POTENTIAL HAZARDS</td>
<td>PREVENTATIVE / CORRECTIVE ACTION</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>-------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>9. All activities (cont'd)</td>
<td>10. Eye Injuries</td>
<td>10. Wear safety glasses</td>
</tr>
<tr>
<td>Additional items.</td>
<td></td>
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<tr>
<td>Additional Items identified while in the field.</td>
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<tr>
<td>Prepared by:</td>
<td></td>
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<tr>
<td>Reviewed by:</td>
<td></td>
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</tr>
</tbody>
</table>
**PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):**

| ☒ Safety Shoes | ☒ Long Sleeves | ☒ Safety Vest (Class 2) | ☒ Hard Hat | ☒ Hearing Protection |
| ☒ Safety Glasses | ☒ Safety Goggles | ☒ Face Shield | ☒ Nitrile Gloves | ☒ PVC Gloves |
| ☒ Leather Gloves | ☒ Cut Resist. Gloves | ☒ Fall Protection | ☒ Fire Resistant Clothing | ☒ Rubber Boots |
| ☒ Insect/Animal Repellent | ☒ Ivy Blocker/Cleaner | ☒ Traffic Cones/Signs | ☒ Life Vest/Jacket |

### JOB STEPS | POTENTIAL HAZARDS | PREVENTATIVE / CORRECTIVE ACTION
--- | --- | ---
14. Surface Water Sampling | 2. Contaminated media. Skin/eye contact with biological agents and/or chemicals. | 2. Wear appropriate PPE (Safety glasses, appropriate gloves). Review (M)SDS for all chemicals being. |
18. All activities | 1. Slips/ Trips/ Falls 2. Hand injuries, cuts or lacerations during manual handling of materials 3. Foot injuries 4. Back injuries 19. Traffic | 1. Be aware of potential trip hazards / Follow good housekeeping procedures/Mark significant hazards 2. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves 3. Wear Langan approved safety shoes |
<table>
<thead>
<tr>
<th>JOB STEPS</th>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.</td>
<td>Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.)</td>
<td>4. Use proper lifting techniques / Consider load location, task repetition, and load weight when evaluating what is safe or unsafe to lift / Obtain assistance when possible</td>
</tr>
<tr>
<td>21.</td>
<td>High Noise levels</td>
<td>27. Wear high visibility clothing &amp; vest / Use cones or signs to designate work area</td>
</tr>
<tr>
<td>22.</td>
<td>Overhead hazards</td>
<td>28. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed</td>
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<tr>
<td>24.</td>
<td>Eye Injuries</td>
<td>30. Wear hard hat / Avoid areas were overhead hazards exist.</td>
</tr>
<tr>
<td>25.</td>
<td></td>
<td>31. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress</td>
</tr>
<tr>
<td>26.</td>
<td></td>
<td>32. Wear safety glasses</td>
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</tbody>
</table>

Additional items.

Additional Items identified while in the field.
(Delete row if not needed.)

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## PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):

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<th>Item</th>
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<td>Safety Shoes</td>
<td>☑</td>
<td>Long Sleeves</td>
<td>☑</td>
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<tr>
<td>Safety Vest (Class 2)</td>
<td>☑</td>
<td>Safety Vest (Class 2)</td>
<td>☑</td>
</tr>
<tr>
<td>Hard Hat</td>
<td>☑</td>
<td>Hearing Protection</td>
<td>☑</td>
</tr>
<tr>
<td>Safety Glasses</td>
<td>☑</td>
<td>Safety Goggles</td>
<td>☑</td>
</tr>
<tr>
<td>Face Shield</td>
<td>☑</td>
<td>Fall Protection</td>
<td>☑</td>
</tr>
<tr>
<td>Nitrile Gloves</td>
<td>☑</td>
<td>Fire Resistant Clothing</td>
<td>☑</td>
</tr>
<tr>
<td>PVC Gloves</td>
<td>☑</td>
<td>Rubber Boots</td>
<td>☑</td>
</tr>
<tr>
<td>Leather Gloves</td>
<td>☑</td>
<td>Ivy Blocker/Cleaner</td>
<td>☑</td>
</tr>
<tr>
<td>Cut Resist. Gloves</td>
<td>☑</td>
<td>Traffic Cones/Signs</td>
<td>☑</td>
</tr>
<tr>
<td>Face Shield</td>
<td>☑</td>
<td>Life Vest/Jacket</td>
<td>☑</td>
</tr>
</tbody>
</table>

## JOB STEPS

| JSA Title: Building Construction Oversight | JSA Number: JSA006-01 |

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventative/corrective actions.

## PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):

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<th>Item</th>
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<th>Item</th>
<th>Option</th>
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</thead>
<tbody>
<tr>
<td>Safety Shoes</td>
<td>☑</td>
<td>Long Sleeves</td>
<td>☑</td>
</tr>
<tr>
<td>Safety Vest (Class 2)</td>
<td>☑</td>
<td>Safety Vest (Class 2)</td>
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</tr>
<tr>
<td>Hard Hat</td>
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<td>Hearing Protection</td>
<td>☑</td>
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<tr>
<td>Safety Glasses</td>
<td>☑</td>
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### JOB STEPS

<table>
<thead>
<tr>
<th>JOB STEPS</th>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.</td>
<td>15. Back Strain</td>
<td>1. Use proper lifting techniques</td>
</tr>
<tr>
<td>Transport</td>
<td>16. Slips/ Trips/ Falls</td>
<td>/ Use wheeled transport</td>
</tr>
<tr>
<td>equipment</td>
<td>17. Traffic</td>
<td>2. Minimize distance to work area</td>
</tr>
<tr>
<td>to work</td>
<td>18. Cuts/abrasions from equipment</td>
<td>/ Have unobstructed path to work area</td>
</tr>
<tr>
<td>area</td>
<td>19. Contusions from dropped equipment</td>
<td>/ Follow good housekeeping procedures</td>
</tr>
<tr>
<td>20.</td>
<td>4. Hazards associated with drilling, flying objects, heavy equipment, ground level hazards and dust</td>
<td>3. Wear proper PPE (high visibility vest or clothing)</td>
</tr>
<tr>
<td>Drilling</td>
<td>5. Slips/ Trips/ Falls</td>
<td>4. Wear proper PPE (leather gloves, long sleeves)</td>
</tr>
<tr>
<td>anchor</td>
<td>6. Hazards associated with concrete work</td>
<td>5. Wear proper PPE (safety shoes)</td>
</tr>
<tr>
<td>bolt</td>
<td>installation</td>
<td></td>
</tr>
<tr>
<td>21.</td>
<td>3. Overhead hazards, falling objects</td>
<td>1. Maintain a safe distance from drilling operation / Wear proper PPE (hard hat, safety glasses, safety shoes, safety vest)</td>
</tr>
<tr>
<td>Steel</td>
<td>4. Pinching/crushing hazards</td>
<td>2. Be aware of potential trip hazards / Follow good housekeeping procedures / Mark significant below-grade hazards (i.e. holes, trenches) with safety cones or spray paint / Wear the proper PPE (safety shoes)</td>
</tr>
<tr>
<td>building</td>
<td>erection</td>
<td>3. Maintain a safe distance from pouring operation</td>
</tr>
<tr>
<td>22.</td>
<td>25. Slips/ Trips/ Falls</td>
<td>1. Wear proper PPE (hard hat, safety glasses, safety vest) / Be aware of overhead hazards and maintain a safe distance of at least 10 ft.</td>
</tr>
<tr>
<td>All</td>
<td>26. Hand injuries, cuts or lacerations during manual handling of materials</td>
<td>2. All personnel should make others aware of moving objects or their intent to move objects / Avoid areas where pinching and crushing hazards are possible</td>
</tr>
<tr>
<td>Activities</td>
<td>27. Foot injuries</td>
<td>33. Be aware of potential trip hazards / Follow good housekeeping procedures / Mark significant hazards</td>
</tr>
<tr>
<td></td>
<td>28. Back injuries</td>
<td>34. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves</td>
</tr>
<tr>
<td></td>
<td>29. Traffic</td>
<td>35. Wear Langan approved safety shoes</td>
</tr>
<tr>
<td></td>
<td>30. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.)</td>
<td>36. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible</td>
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<tr>
<td></td>
<td>31. High Noise levels</td>
<td>37. Wear high visibility clothing &amp; vest / Use cones or signs to designate work</td>
</tr>
<tr>
<td></td>
<td>32. Overhead hazards</td>
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</tr>
<tr>
<td>JOB STEPS</td>
<td>POTENTIAL HAZARDS</td>
<td>PREVENTATIVE / CORRECTIVE ACTION</td>
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</tr>
<tr>
<td>4. All activities (cont'd)</td>
<td>33. Heat Stress/ Cold Stress</td>
<td>area</td>
</tr>
<tr>
<td></td>
<td>34. Eye Injuries</td>
<td>38. Be aware of surroundings at all times, including the presence of wildlife/Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>39. Wear hearing protection</td>
</tr>
<tr>
<td></td>
<td></td>
<td>40. Wear hard hat / Avoid areas were overhead hazards exist.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>41. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress</td>
</tr>
<tr>
<td></td>
<td></td>
<td>42. Wear safety glasses</td>
</tr>
<tr>
<td>Additional items.</td>
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<tr>
<td>Additional Items identified while</td>
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<td>in the field.</td>
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<td>Reviewed by:</td>
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</table>
# Job Safety Analysis (JSA)  
**Health and Safety**

**JSA Title:**  
**JSA Number:** JSA012-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions.

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<th>☒ Safety Shoes</th>
<th>☒ Long Sleeves</th>
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</tr>
</thead>
<tbody>
<tr>
<td>☒ Safety Glasses</td>
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<td>☐ Fall Protection</td>
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</tr>
<tr>
<td>☐ Insect/Animal Repellent</td>
<td>☐ Ivy Blocker/Cleaner</td>
<td>☐ Traffic Cones/Signs</td>
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<td>☐ Other:</td>
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<table>
<thead>
<tr>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
</tr>
</thead>
</table>
| 23. Transport equipment to work area  
20. Back Strain  
21. Slips/Trips/Falls  
22. Traffic  
23. Cuts/abrasions from equipment  
24. Contusions from dropped equipment  
25. Equipment Set-up  
5. Pinch Hazard  
6. Cuts/abrasions to knuckles/hands  
7. Back Strain  
26. All activities  
35. Slips/Trips/Falls  
36. Hand injuries, cuts or lacerations during manual handling of materials  
37. Foot injuries  
38. Back injuries  
39. Traffic  
40. Wildlife: Stray dogs, Mice/Rats, Vectors (i.e. mosquitoes, bees, etc.)  
41. High Noise levels  
42. Overhead hazards  
43. Heat Stress/Cold Stress  
44. Eye Injuries  
3. Wear proper PPE (leather gloves)  
4. Wear proper PPE (leather gloves)  
5. Use proper lifting techniques / Use wheeled transport  
6. Use proper lifting techniques / Use wheeled transport  
7. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures  
8. Wear proper PPE (high visibility vest or clothing)  
9. Wear proper PPE (leather gloves, long sleeves)  
10. Wear proper PPE (safety shoes)  
43. Be aware of potential trip hazards / Follow good housekeeping procedures / Mark significant below-grade hazards (i.e. holes, trenches) with safety cones or spray paint  
44. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves  
45. Wear Langan approved safety shoes  
46. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible  
47. Wear high visibility clothing & vest / Use cones or signs to designate work area  
48. Be aware of surroundings at all times, including the presence of wildlife/
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<tr>
<td>6. All activities (cont'd)</td>
<td></td>
<td>Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed</td>
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<td>49. Wear hearing protection</td>
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<td>51. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight,</td>
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<td>layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as</td>
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<td>necessary to avoid heat/cold stress</td>
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<td>52. Wear safety glasses</td>
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### JOB STEPS | POTENTIAL HAZARDS | PREVENTATIVE / CORRECTIVE ACTION
--- | --- | ---
27. Transport equipment to work area | 25. Back Strain  
26. Slips/Trips/Falls  
27. Traffic  
28. Cuts/abrasions from equipment  
29. Contusions from dropped equipment | 11. Use proper lifting techniques / Use wheeled transport  
12. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures  
13. Wear proper PPE (high visibility vest or clothing)  
14. Wear proper PPE (leather gloves, long sleeves)  
15. Wear proper PPE (safety shoes) | |
28. Installation of piping from vapor wells to skid connections and from discharge piping to effluent stack | 9. Pinch fingers when connecting pipes  
10. Slips/Trips/Falls  
11. Machinery Hazards | 6. Wear proper PPE (leather gloves)  
7. Be aware of potential trip hazards / Practice good housekeeping procedures / Mark significant below-grade hazards (i.e. holes, trenches) with safety cones or spray paint  
8. Wear proper PPE (safety vest) / Maintain safe distance from operating machinery | |
29. Remediation equipment installation | 8. Back strain when lifting heavy equipment  
9. Slips/Trips/Falls  
10. Traffic | 7. Use proper lifting techniques / Use wheeled transport / Minimize distance to vehicle  
8. Be aware of potential trip hazards / Practice good housekeeping procedures / Mark significant below-grade hazards (i.e. holes, trenches) with safety cones or spray paint  
9. Wear proper PPE (safety vest) | |
30. All activities | 45. Slips/Trips/Falls  
46. Hand injuries, cuts or lacerations during manual handling of materials  
47. Foot injuries  
48. Back injuries  
49. Traffic  
50. Wildlife: Stray dogs, Mice/rats, Vectors (i.e.) | 53. Be aware of potential trip hazards / Follow good housekeeping procedures / Mark significant hazards  
54. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/cut-resistant gloves  
55. Wear Langan approved safety shoes  
56. Use proper lifting techniques / Consider load location, task repetition, and | |

### PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):
- Safety Shoes
- Long Sleeves
- Safety Vest (Class 2)
- Hard Hat
- Hearing Protection
- Safety Glasses
- Safety Goggles
- Face Shield
- Nitrile Gloves
- PVC Gloves
- Leather Gloves
- Cut Resistant Gloves
- Fall Protection
- Fire Resistant Clothing
- Rubber Boots
- Insect/Animal Repellent
- Ivy Blocker/Cleaner
- Traffic Cones/Signs
- Life Vest/Jacket
- Other:

### PERSONAL PROTECTIVE EQUIPMENT (Optional or to be worn as needed):
- Safety Glasses
- Safety Goggles
- Face Shield
- Nitrile Gloves
- PVC Gloves
- Leather Gloves
- Cut Resistant Gloves
- Fall Protection
- Fire Resistant Clothing
- Rubber Boots
- Insect/Animal Repellent
- Ivy Blocker/Cleaner
- Traffic Cones/Signs
- Life Vest/Jacket
- Other:
<table>
<thead>
<tr>
<th>JOB STEPS</th>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
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</thead>
<tbody>
<tr>
<td>4. All activities (cont'd)</td>
<td>mosquitoes, bees, etc.) 51. High Noise levels 52. Overhead hazards 53. Heat Stress/ Cold Stress 54. Eye Injuries</td>
<td>load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible 57. Wear high visibility clothing &amp; vest / Use cones or signs to designate work area 58. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed 59. Wear hearing protection 60. Wear hard hat / Avoid areas were overhead hazards exist. 61. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress 62. Wear safety glasses</td>
</tr>
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Additional items.

Additional Items identified while in the field.

(Delete row if not needed.)

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<tr>
<th>Print Name</th>
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<td>Prepared by:</td>
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<td>Reviewed by:</td>
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</tbody>
</table>
**JSA Title:** Excavation Oversight  
**JSA Number:** JSA041-01

A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions.

### PERSONAL PROTECTIVE EQUIPMENT (Required or to be worn as needed):

| ☒ Safety Shoes | ☑ Long Sleeves | ☑ Safety Vest (Class 2) | ☑ Hard Hat | ☑ Hearing Protection |
| ☒ Safety Glasses | ☑ Safety Goggles | ☐ Face Shield | ☑ Nitrile Gloves | ☐ PVC Gloves |
| ☐ Leather Gloves | ☐ Cut Resistant Gloves | ☐ Fall Protection | ☐ Fire Resistant Clothing | ☐ Rubber Boots |
| ☐ Insect/Animal Repellent | ☐ Ivy Blocker/Cleaner | ☐ Traffic Cones/Signs | ☐ Life Vest/Jacket |
| ☐ Other: | |

<table>
<thead>
<tr>
<th>JOB STEPS</th>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
</tr>
</thead>
</table>
| 31. Transport equipment to work area | 30. Back Strain  
31. Slips/Trips/Falls  
32. Traffic  
33. Cuts/abrasions/contusions from equipment | 15. Use proper lifting techniques / Use wheeled transport  
16. Minimize distance to work area / Have unobstructed path to work area / Follow good housekeeping procedures  
17. Wear proper PPE (high visibility vest or clothing)  
18. Wear proper PPE (leather gloves, long sleeves, safety shoes) |
| 32. Earth Moving Equipment | 12. Equipment running over employee | 4. Ensure you have direct line of sight with operator of equipment; don’t walk behind equipment; maintain a safe distance away from equipment.  
5. Wear proper PPE (high vis vest/clothing) |
| 33. Excavation | 11. Excavation collapse  
12. Confined space  
13. Soil | 3. Use proper shoring/benching/sloping techniques; Ladder is properly situated in excavation; no water in excavation; competent person has inspected excavation prior to allow employees to enter.  
4. Langan employees are not authorized to enter a confined space;  
5. Soil and equipment is kept at least 2 feet from edge of excavation |
| 34. Excavated soil | 1. Hazardous substances | 1. Use proper equipment to monitor excavated soil for contaminants; ensure levels do not exceed PEL’s for contaminants; Wear proper PPE |
| 35. All activities | 55. Slips/ Trips/ Falls  
56. Hand injuries, cuts or lacerations during manual handling of materials  
57. Foot injuries  
58. Back injuries  
59. Traffic  
60. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.)  
61. High Noise levels  
62. Overhead hazards  
63. Heat Stress/ Cold Stress | 63. Be aware of potential trip hazards / Follow good housekeeping procedures/ Mark significant hazards  
64. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling / Wear leather/ cut-resistant gloves  
65. Wear proper PPE (Langan approved safety shoes)  
66. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible  
67. Wear high visibility clothing & vest / Use cones or signs to designate work area |
<table>
<thead>
<tr>
<th>JOB STEPS</th>
<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>64.</td>
<td>Eye Injuries</td>
<td>68. Be aware of surroundings at all times, including the presence of wildlife/Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>69. Wear hearing protection</td>
</tr>
<tr>
<td></td>
<td></td>
<td>70. Wear hard hat / Avoid areas were overhead hazards exist.</td>
</tr>
<tr>
<td></td>
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<td>71. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress</td>
</tr>
<tr>
<td></td>
<td></td>
<td>72. Wear safety glasses</td>
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<td></td>
<td>Additional items.</td>
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<tr>
<td></td>
<td>Additional Items identified while in the field.</td>
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</table>
A Job Safety Analysis (JSA) must identify all job steps required to complete the task, the potential hazards employees could be exposed to while performing the job step and the preventative/corrective actions required to reduce/mitigate the identified potential hazards. Employees must certify that they have either prepared the JSA or have reviewed the JSA and are aware of the potential hazards associated with this task and will follow the provided preventive/corrective actions.

<table>
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<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
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</thead>
<tbody>
<tr>
<td>36. Jobsite Pre-briefing</td>
<td>34. None</td>
<td>19. Review JSA, SOP's, and discuss hazards that may be present and control measures for present hazards while on-site.</td>
</tr>
</tbody>
</table>
| 2. Working near railroads | 1. Passing Trains.  
2. Slip/Trips/Falls.                                                                 | 1. Wear reflective vest/ Stay away from tracks/ Do not cross tracks within 10 ft. of train car or when there is a train within view/listen for train horn.  
2. Be aware of tripping hazards/ Follow good housekeeping procedures/ Mark significant hazards with spray paint or cones. |
| 3. Walking around site | 4. Uneven terrain  
5. Wildlife: Stray animals, mice/rats, vectors (i.e. mosquitoes, bees, etc.)  
7. Slip/Trips/Falls  
8. Foot injuries  
9. Eye injuries                                                                 | 7. Pay attention to surrounding area (puddles, wet, frozen, uneven areas); Mark with cones or spray paint;  
8. Use bug spray/ Avoid stray animals/Use repellant when needed.  
9. Dress for the correct weather situation/ Use sunscreen or protective clothing in sunlight, layers in cold weather/ Drink plenty of fluids/ Take breaks when needed.  
4. Be aware of tripping hazards/ Follow good housekeeping procedures/ Mark significant hazards with spray paint or cones.  
5. Wear proper PPE (Langan approved safety shoes)/ Change wet socks during cold weather.  
6. Wear proper PPE (safety glasses/goggles). |
| 4. Working near road | 1. Passing vehicles  
2. Slip/Trips/Falls                                                                 | 1. Wear reflective vest/ Stay away from roadway/ Use buddy system/ Place signage or cones when needed.  
2. Be aware of tripping hazards/ Follow good housekeeping procedures/ Mark significant hazards with spray paint or cones. |
| 5. All activities | 65. Slips/ Trips/ Falls  
66. Hand injuries, cuts or lacerations during manual handling of materials  
67. Foot injuries  
68. Back injuries                                                                 | 73. Be aware of potential trip hazards/ Follow good housekeeping procedures/ Mark significant hazards  
74. Inspect for jagged/sharp edges, and rough or slippery surfaces / Keep fingers away from pinch points / Wipe off greasy, wet, slippery or dirty objects before handling/ Wear leather/ cut-resistant gloves |
<table>
<thead>
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<th>POTENTIAL HAZARDS</th>
<th>PREVENTATIVE / CORRECTIVE ACTION</th>
</tr>
</thead>
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<tr>
<td>69. Traffic</td>
<td>70. Wildlife: Stray dogs, Mice/rats, Vectors (i.e. mosquitoes, bees, etc.)</td>
<td>75. Wear Langan approved safety shoes</td>
</tr>
<tr>
<td>71. High Noise levels</td>
<td>72. Overhead hazards</td>
<td>76. Use proper lifting techniques / Consider load location, task repetition, and load weigh when evaluating what is safe or unsafe to lift / Obtain assistance when possible</td>
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<td>73. Heat Stress/ Cold Stress</td>
<td>74. Eye Injuries</td>
<td>77. Wear high visibility clothing &amp; vest / Use cones or signs to designate work area</td>
</tr>
<tr>
<td>78. Be aware of surroundings at all times, including the presence of wildlife/ Do not approach stray dogs / Carry/use dog/animal repellant / Use bug spray when needed</td>
<td>79. Wear hearing protection</td>
<td>80. Wear hard hat / Avoid areas were overhead hazards exist.</td>
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<tr>
<td>81. Wear proper attire for weather conditions (sunscreen or protective clothing in sunlight, layers for cold weather) / Drink plenty of fluids to avoid dehydration / Takes breaks as necessary to avoid heat/cold stress</td>
<td>82. Wear safety glasses</td>
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**Additional items.**

| Additional Items identified while in the field. |
| Date |

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| Reviewed by: | |

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ATTACHMENT H

TAILGATE SAFETY BRIEFING FORM
LANGAN TAILGATE SAFETY BRIEFING

Date:_________________________   Time:_________________________
Leader:_______________________   Location:_____________________

Work Task: ____________________________________________________

SAFETY TOPICS (provide some detail of discussion points)

Chemical Exposure Hazards and Control: ________________________________

Physical Hazards and Control: _________________________________________

Air Monitoring: ______________________________________________________

PPE: ______________________________________________________________

Communications: ____________________________________________________

Safe Work Practices: _________________________________________________

Emergency Response: _________________________________________________

Hospital/Medical Center Location: ______________________________________

Phone Nos.: _________________________________________________________

Other: ______________________________________________________________

FOR FOLLOW-UP (the issues, responsibilities, due dates, etc.)

_________________________________________________________________

_________________________________________________________________

ATTENDEES

<table>
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<tr>
<th>PRINT NAME</th>
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</table>
APPENDIX D

CITIZEN PARTICIPATION PLAN
Brownfield Cleanup Program
Citizen Participation Plan
for
Former Rocket Jewelry Box Site
C203106

April 2018

414 Gerard Avenue
Bronx, NY 10451
Bronx County, New York
Contents

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2. Citizen Participation Activities........................................................................... 3
3. Major Issues of Public Concern........................................................................... 9
4. Site Information.................................................................................................... 10
5. Investigation and Cleanup Process ..................................................................... 10
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   and Information..................................................................................................... 14
Appendix B - Site Contact List.................................................................................. 15
Appendix C - Site Location Map................................................................................ 18
Appendix D - Brownfield Cleanup Program Process ............................................. 19

*     *     *     *     *

Note: The information presented in this Citizen Participation Plan was current as of the
date of its approval by the New York State Department of Environmental Conservation.
 Portions of this Citizen Participation Plan may be revised during the site’s investigation
and cleanup process.
1. What is New York’s Brownfield Cleanup Program?

New York’s Brownfield Cleanup Program (BCP) works with private developers to encourage the voluntary cleanup of contaminated properties known as “brownfields” so that they can be reused and developed. These uses include recreation, housing, and business.

A brownfield is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. A brownfield typically is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal, and financial burdens on a community. If a brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The BCP is administered by the New York State Department of Environmental Conservation (NYSDEC) which oversees Applicants who conduct brownfield site investigation and cleanup activities. An Applicant is a person who has requested to participate in the BCP and has been accepted by NYSDEC. The BCP contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. When NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, go online at: http://www.dec.ny.gov/chemical/8450.html.

2. Citizen Participation Activities

Why NYSDEC Involves the Public and Why It Is Important

NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites, and to enable citizens to participate more fully in decisions that affect their health, environment, and social well-being. NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision-makers form or adopt final positions.

Involving citizens affected and interested in site investigation and cleanup programs is important for many reasons. These include:
• Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment

• Improving public access to, and understanding of, issues and information related to a particular site and that site’s investigation and cleanup process

• Providing citizens with early and continuing opportunities to participate in NYSDEC’s site investigation and cleanup process

• Ensuring that NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community

• Encouraging dialogue to promote the exchange of information among the affected/interested public, State agencies, and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision making.

This Citizen Participation (CP) Plan provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the Applicant.

Project Contacts

Appendix A identifies NYSDEC project contact(s) to whom the public should address questions or request information about the site’s investigation and cleanup program. The public’s suggestions about this CP Plan and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Locations of Reports and Information

The locations of the reports and information related to the site’s investigation and cleanup program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC web-site. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

Site Contact List
Appendix B contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site’s investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods. The site contact list includes, at a minimum:

- Chief executive officer and planning board chairperson of each county, city, town and village in which the site is located;
- Residents, owners, and occupants of the site and properties adjacent to the site;
- The public water supplier which services the area in which the site is located;
- Any person who has requested to be placed on the site contact list;
- The administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility;
- Location(s) of reports and information.

The site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

Note: The first site fact sheet (usually related to the draft Remedial Investigation Work Plan) is distributed both by paper mailing through the postal service and through DEC Delivers, its email listserv service. The fact sheet includes instructions for signing up with the appropriate county listserv to receive future notifications about the site. See [http://www.dec.ny.gov/chemical/61092.html](http://www.dec.ny.gov/chemical/61092.html).

Subsequent fact sheets about the site will be distributed exclusively through the listserv, except for households without internet access that have indicated the need to continue to receive site information in paper form. Please advise the NYSDEC site project manager identified in Appendix A if that is the case. Paper mailings may continue during the investigation and cleanup process for some sites, based on public interest and need.

CP Activities

The table at the end of this section identifies the CP activities, at a minimum, that have been and will be conducted during the site’s investigation and cleanup program. The flowchart in Appendix D shows how these CP activities integrate with the site investigation and cleanup process. The public is informed about these CP activities.
through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 5.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a site, and the nature and progress of efforts to investigate and clean up a site.

- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a site’s investigation and cleanup.

The public is encouraged to contact project staff at any time during the site’s investigation and cleanup process with questions, comments, or requests for information.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of investigation and cleanup activities. Modifications may include additions to the site contact list and changes in planned citizen participation activities.

**Technical Assistance Grant**

NYSDEC must determine if the site poses a significant threat to public health or the environment. This determination generally is made using information developed during the investigation of the site, as described in Section 5.

If the site is determined to be a significant threat, a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is to provide funds to the qualifying group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being or enjoyment of the environment may be affected by a release or threatened release of contamination at the site.

As of the date the declaration (page 2) was signed by the NYSDEC project manager, the significant threat determination for the site had not yet been made.
To verify the significant threat status of the site, the interested public may contact the NYSDEC project manager identified in Appendix A.

For more information about TAGs, go online at http://www.dec.ny.gov/regulations/2590.html

Note: The table identifying the citizen participation activities related to the site’s investigation and cleanup program follows on the next page:
<table>
<thead>
<tr>
<th>Citizen Participation Activities</th>
<th>Timing of CP Activity(ies)</th>
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<tbody>
<tr>
<td><strong>Application Process:</strong></td>
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<tr>
<td>• Prepare site contact list</td>
<td>At time of preparation of application to participate in the BCP.</td>
</tr>
<tr>
<td>• Establish document repository(ies)</td>
<td></td>
</tr>
<tr>
<td>• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day public comment period</td>
<td>When NYSDEC determines that BCP application is complete. The 30-day public comment period begins on date of publication of notice in ENB. End date of public comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice, and notice to the site contact list should be provided to the public at the same time.</td>
</tr>
<tr>
<td>• Publish above ENB content in local newspaper</td>
<td></td>
</tr>
<tr>
<td>• Mail above ENB content to site contact list</td>
<td></td>
</tr>
<tr>
<td>• Conduct 30-day public comment period</td>
<td></td>
</tr>
<tr>
<td><strong>After Execution of Brownfield Site Cleanup Agreement (BCA):</strong></td>
<td>Before start of Remedial Investigation</td>
</tr>
<tr>
<td>• Prepare Citizen Participation (CP) Plan</td>
<td></td>
</tr>
<tr>
<td><strong>Before NYSDEC Approves Remedial Investigation (RI) Work Plan:</strong></td>
<td></td>
</tr>
<tr>
<td>• Distribute fact sheet to site contact list about proposed RI activities and announcing 30-day public comment period about draft RI Work Plan</td>
<td>Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, public comment periods will be combined and public notice will include fact sheet. Thirty-day public comment period begins/ends as per dates identified in fact sheet.</td>
</tr>
<tr>
<td>• Conduct 30-day public comment period</td>
<td></td>
</tr>
<tr>
<td><strong>After Applicant Completes Remedial Investigation:</strong></td>
<td>Before NYSDEC approves RI Report</td>
</tr>
<tr>
<td>• Distribute fact sheet to site contact list that describes RI results</td>
<td></td>
</tr>
<tr>
<td><strong>Before NYSDEC Approves Remedial Work Plan (RWP):</strong></td>
<td>Before NYSDEC approves RWP. Forty-five day public comment period begins/ends as per dates identified in fact sheet. Public meeting would be held within the 45-day public comment period.</td>
</tr>
<tr>
<td>• Distribute fact sheet to site contact list about draft RWP and announcing 45-day public comment period</td>
<td></td>
</tr>
<tr>
<td>• Public meeting by NYSDEC about proposed RWP (if requested by affected community or at discretion of NYSDEC project manager)</td>
<td></td>
</tr>
<tr>
<td>• Conduct 45-day public comment period</td>
<td></td>
</tr>
<tr>
<td><strong>Before Applicant Starts Cleanup Action:</strong></td>
<td>Before the start of cleanup action.</td>
</tr>
<tr>
<td>• Distribute fact sheet to site contact list that describes upcoming cleanup action</td>
<td></td>
</tr>
<tr>
<td><strong>After Applicant Completes Cleanup Action:</strong></td>
<td>At the time the cleanup action has been completed.</td>
</tr>
<tr>
<td>• Distribute fact sheet to site contact list that announces that cleanup action has been completed and that NYSDEC is reviewing the Final Engineering Report</td>
<td>Note: The two fact sheets are combined when possible if there is not a delay in issuing the COC.</td>
</tr>
<tr>
<td>• Distribute fact sheet to site contact list announcing NYSDEC approval of Final Engineering Report and issuance of Certificate of Completion (COC)</td>
<td></td>
</tr>
</tbody>
</table>
3. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern that relate to the site. Additional major issues of public concern may be identified during the course of the site’s investigation and cleanup process.

At this time, there are no known issues of public concern. However, once the remediation commences, there may be concerns regarding odors, noise or truck traffic coming from the Site since there will be building demolition and extensive soil excavation activities. A Community Air Monitoring Plan (CAMP) and a site-specific Health & Safety Plan (HASP) will be designed to minimize off-site impacts to the community.

Additional major issues of public concern may be identified during the course of the Site’s cleanup process. If issues are identified, the public will be kept informed.

The Site is not located in an Environmental Justice Area. Environmental justice is defined as the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Environmental justice efforts focus on improving the environment in communities, specifically minority and low-income communities, and addressing disproportionate adverse environmental impacts that may exist in those communities.

Although the Site in not located in and Environmental Justice Area, it has a large Hispanic-American and African-American population nearby. Therefore, all future fact sheets will need to be translated into Spanish.

4. Site Information

Appendix C contains a map identifying the location of the site.

*Site Description*

**Database:**
- location – 414 Gerard Avenue, Bronx, NY
- setting - urban
- site size – 0.29 Acres
- adjacent properties – Mix of residential, commercial, industrial and cultural use throughout the area.
History of Site Use, Investigation, and Cleanup

The existing on-site building was constructed in the early 1950s, and the site historically operated as a jewelry box manufacturer (Rocket Jewelry) from at least 1954 to 2016. From the 1950s through the 1970s, Rocket Jewelry manufactured jewelry packaging (including decorative boxes and textile covered metal boxes) and displays. During this time period, metal jewelry boxes were typically constructed using a mixture of metals including cadmium, copper, lead, nickel, and zinc. Lead-based paint may also have been used to decorate the outside of the jewelry boxes. Evidence of heavy machinery and nearby drains was observed throughout the first floor and partial cellar.

Langan completed a Remedial Investigation at the site in August and September 2017 to determine, to the extent practical, the nature and extent of contamination in soil, groundwater, and soil vapor at the site and to provide data sufficient to support the evaluation of remedial action alternatives and the preparation of a RAWP. The investigation included a geophysical survey, advancement of 12 soil borings, installation of two permanent groundwater monitoring wells, one bedrock observation well, and five soil vapor probes, and collection of soil, groundwater, and soil vapor samples. Field observations and laboratory analytical results are summarized below:

- **Geophysical Survey:** A tank-like structure was identified beneath an unlabeled manhole room with a subsurface linear anomaly extending from the structure to the southern wall of the building.
- **Soil:** Evidence of petroleum impacts (e.g., odors and photoionization detector [PID] readings up to 289 parts per million [ppm]) were observed in samples collected from two borings Spill No. 1705442 was assigned. Semi-Volatile Organic Compounds (SVOCs) and metals were detected at concentrations above Title 6 of the New York Codes, Rules and Regulations (6 NYCRR) Part 375 Restricted Use Restricted-Residential Soil Cleanup Objectives (SCOs). Volatile Organic Compounds (VOC), Polychlorinated Biphenyls (PCBs), and pesticides were detected at concentrations above Part 375 Unrestricted Use SCOs.
- **Groundwater:** One VOC (chloroform), two SVOCs (benzo[a]anthracene and benzo[b]fluoranthene), and dissolved metals (iron, magnesium, manganese, and sodium) were detected at concentrations above the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA groundwater. A PID headspace reading of 44 ppm and petroleum-like odors were observed beneath the cap of bedrock observation well OW1.
- **Soil Vapor:** Petroleum-related VOCs and chlorinated VOCs were detected in soil vapor samples at concentrations two orders of magnitude above ambient air.
concentrations. Total VOCs were detected at a maximum concentration of about 695 micrograms per cubic meter (µg/m^3) in the soil vapor sample collected from the southwestern part of the site.

5. Investigation and Cleanup Process

Application

The Applicant has applied for and been accepted into New York’s Brownfield Cleanup Program as a Volunteer. This means that the Applicant was not responsible for the disposal or discharge of the contaminants or whose ownership or operation of the site took place after the discharge or disposal of contaminants. The Volunteer characterized the nature and extent of contamination onsite, and conducted a “qualitative exposure assessment,” a process that characterizes the actual or potential exposures of people, fish and wildlife to contaminants on the Site and to contamination that has migrated from the Site.

The Applicant in its Application proposes that the Site will be used for unrestricted purposes.

To achieve this goal, the Applicant conducted investigation activities at the Site. The Brownfield Cleanup Agreement executed by NYSDEC and the Applicant sets forth the responsibilities of each party in conducting future remediation activities at the Site.

Investigation

The Applicant conducted an investigation of the site officially called a “remedial investigation” (RI).

The site investigation had several goals:
1) Define the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected;
2) Identify the source(s) of the contamination;
3) Assess the impact of the contamination on public health and the environment; and
4) Provide information to support the development of a proposed remedy to address the contamination or the determination that cleanup is not necessary.

The investigation is complete and the Applicant prepared and submitted a report that summarized the results. This report also recommended cleanup action that is needed to address site-related contamination. The investigation report is subject to review and approval by NYSDEC.
NYSDEC will use the information in the investigation report to determine if the site poses a significant threat to public health or the environment. If the site is a “significant threat,” it must be cleaned up using a remedy selected by NYSDEC from an analysis of alternatives prepared by the Applicant and approved by NYSDEC. If the site does not pose a significant threat, the Applicant may select the remedy from the approved analysis of alternatives.

**Interim Remedial Measures**

An Interim Remedial Measure (IRM) is an action that can be undertaken at a site when a source of contamination or exposure pathway can be effectively addressed before the site investigation and analysis of alternatives are completed. If an IRM is likely to represent all or a significant part of the final remedy, NYSDEC will require a 30-day public comment period.

**Remedy Selection**

When the investigation of the site has been determined to be complete, the project likely would proceed in one of two directions:

1. The Applicant may recommend in its investigation report that no action is necessary at the site. In this case, NYSDEC would make the investigation report available for public comment for 45 days. NYSDEC then would complete its review, make any necessary revisions, and, if appropriate, approve the investigation report. NYSDEC would then issue a “Certificate of Completion” (described below) to the Applicant.

   or

2. The Applicant may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the Applicant may then develop a cleanup plan, officially called a “Remedial Work Plan”. The Remedial Work Plan describes the Applicant’s proposed remedy for addressing contamination related to the site.

   When the Applicant submits a draft Remedial Work Plan for approval, NYSDEC would announce the availability of the draft plan for public review during a 45-day public comment period.

**Cleanup Action**
NYSDEC will consider public comments, and revise the draft cleanup plan if necessary, before approving the proposed remedy. The New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The selected remedy is formalized in the site Decision Document.

The Applicant may then design and perform the cleanup action to address the site contamination. NYSDEC and NYSDOH oversee the activities. When the Applicant completes cleanup activities, it will prepare a Final Engineering Report (FER) that certifies that cleanup requirements have been achieved or will be achieved within a specific timeframe. NYSDEC will review the report to be certain that the cleanup is protective of public health and the environment for the intended use of the site.

Certificate of Completion

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the FER. NYSDEC then will issue a Certificate of Completion (COC) to the Applicant. The COC states that cleanup goals have been achieved, and relieves the Applicant from future liability for site-related contamination, subject to certain conditions. The Applicant would be eligible to redevelop the site after it receives a COC.

Site Management

The purpose of site management is to ensure the safe reuse of the property if contamination will remain in place. Site management is the last phase of the site cleanup program. This phase begins when the COC is issued. Site management incorporates any institutional and engineering controls required to ensure that the remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An institutional control is a non-physical restriction on use of the site, such as a deed restriction that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses.

An engineering control is a physical barrier or method to manage contamination. Examples include: caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that pumps and treats groundwater. Site management continues until NYSDEC determines that it is no longer needed.
Appendix A -
Project Contacts and Locations of Reports and Information

Project Contacts

For information about the site's investigation and cleanup program, the public may contact any of the following project staff:

**New York State Department of Environmental Conservation (NYSDEC):**

Nathan Freeman  
Project Manager  
NYSDEC  
Division of Environmental Remediation  
625 Broadway – 12th Floor  
Albany, NY 12233  
Email: Nathan.freeman@dec.ny.gov  
Tel: (518) 402-9608

Thomas V. Panzone  
Public Participation Specialist  
NYSDEC:Region 2  
47-40 21st Street  
Long Island City, NY 11101  
Email: Thomas.panzone@dec.ny.gov  
Tel: (718) 482-4953

Grace Nam, Project Attorney  
NYSDEC:Region 2,  
47-40 21st Street  
Long Island City, NY 11101  
Email: Grace.nam@dec.ny.gov  
Tel: (718) 482-6470

**New York State Department of Health (NYSDOH):**

Steven G. Berninger, Project Manager  
NYS Department of Health  
Bureau of Environmental Exposure Investigation  
Empire State Plaza  
Corning Tower, Room 1787  
Albany, NY 12237  
Phone: (518) 402-7860  
E-mail: BEEI@health.ny.gov

**Locations of Reports and Information**

The facilities identified below are being used to provide the public with convenient access to important project documents:
### Appendix B - Site Contact List

<table>
<thead>
<tr>
<th>Local Elected &amp; Government Officials</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hon. Charles Schumer</strong></td>
</tr>
<tr>
<td>U.S. Senate</td>
</tr>
<tr>
<td>780 Third Ave., Suite 2301</td>
</tr>
<tr>
<td>New York, NY 10017</td>
</tr>
<tr>
<td><strong>Hon. Kirsten Gillibrand</strong></td>
</tr>
<tr>
<td>U.S. Senate</td>
</tr>
<tr>
<td>780 Third Ave., Suite 2601</td>
</tr>
<tr>
<td>New York, NY 10017</td>
</tr>
</tbody>
</table>

| **Mayor Bill de Blasio**             |
| City Hall                            |
| 260 Broadway Avenue                  |
| New York, NY 10007                   |
| **Hon. Rubén Díaz Jr.**              |
| Bronx Borough President              |
| 851 Grand Concourse #301             |
| Bronx, NY 10451                      |
| (718) 590-3500                       |

| **Hon. Scott Stringer**              |
| NYC Comptroller                      |
| 1 Centre Street                     |
| New York, NY 10007                   |
| **Hon. Rafael Salamanca**           |
| NYC Councilman                       |
| 1070 Southern Boulevard             |
| Bronx, NY 10459                      |

<p>| <strong>Hon. Letitia James</strong>               |
| 1 Centre Street, 15th Floor          |
| New York, NY 10007                   |
| <strong>Hon. Jose M. Serrano</strong>             |
| NYS Senator                          |</p>
<table>
<thead>
<tr>
<th>Hon. Carmen E. Arroyo</th>
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<tbody>
<tr>
<td>NYS Assemblywoman</td>
</tr>
<tr>
<td>384 East 149th, Suite 301</td>
</tr>
<tr>
<td>Bronx, NY 10455</td>
</tr>
<tr>
<td>1916 Park Avenue, Suite 202</td>
</tr>
<tr>
<td>New York, NY 10037</td>
</tr>
<tr>
<td>Hon. Jose E. Serrano</td>
</tr>
<tr>
<td>U.S. House of Representatives</td>
</tr>
<tr>
<td>1231 Lafayette Avenue, 4th Floor</td>
</tr>
<tr>
<td>Bronx, NY 10474</td>
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<tr>
<th>Bronx Community Board 1</th>
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<tbody>
<tr>
<td>3024 Third Avenue</td>
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<tr>
<td>Bronx, NY 10455</td>
</tr>
<tr>
<td>Attn: George Rodriguez, Chairman</td>
</tr>
<tr>
<td>Cedric Loftin, District Manager</td>
</tr>
<tr>
<td>Environmental Committee</td>
</tr>
<tr>
<td>Chairman/woman</td>
</tr>
<tr>
<td>Luiz M. Diaz</td>
</tr>
<tr>
<td>Bronx County Clerk</td>
</tr>
<tr>
<td>851 Grand Concourse, Rm. 118</td>
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<tr>
<td>Bronx, NY 10451</td>
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<tr>
<th>Carol Samol</th>
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<tbody>
<tr>
<td>NYC Department of City Planning</td>
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<tr>
<td>1 Fordham Plaza #502</td>
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<tr>
<td>Bronx, NY 10458</td>
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<tr>
<td>(718) 220-8500</td>
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<th>News Media</th>
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<tbody>
<tr>
<td>Bronx Times</td>
</tr>
<tr>
<td>3602 East Tremont Avenue</td>
</tr>
<tr>
<td>Suite 205</td>
</tr>
<tr>
<td>Bronx, NY 10465</td>
</tr>
<tr>
<td>New York Daily News</td>
</tr>
<tr>
<td>4 New York Plaza</td>
</tr>
<tr>
<td>New York, NY 10004</td>
</tr>
<tr>
<td>New York Post</td>
</tr>
<tr>
<td>1211 Avenue of the Americas</td>
</tr>
<tr>
<td>Spectrum NY 1 News</td>
</tr>
<tr>
<td>75 Ninth Avenue</td>
</tr>
<tr>
<td>New York, NY 10011</td>
</tr>
<tr>
<td>Bronx Times Reporter</td>
</tr>
<tr>
<td>900 East 132nd Street</td>
</tr>
<tr>
<td>Bronx, NY 10454</td>
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<tr>
<td>The Bronx Chronicle</td>
</tr>
<tr>
<td>25 Westchester Square, Suite 1</td>
</tr>
<tr>
<td>Bronx, NY 10462</td>
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<tr>
<td>New York, NY 10036</td>
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<tr>
<th><strong>Public Water Supply</strong></th>
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</table>
| New York City Department of Environmental Protection  
59-17 Junction Boulevard, 8th Floor  
Flushing, NY 11373  
Attn: Vincent Sapienza - Commissioner |
| New York City Municipal Water Finance Authority  
255 Greenwich Street, 6th Floor  
New York, NY 10007 |

<table>
<thead>
<tr>
<th><strong>Schools and Daycare Facilities</strong></th>
</tr>
</thead>
</table>
| Community School for Social Justice  
(about 380 feet south of the site)  
Jaime Guzman, Principal  
350 Gerard Avenue  
Bronx, NY 10451  
(718) 402-8481 |
| Brightside Academy  
(about 2,550 feet northeast of the site)  
Sherone Smith-Sanchez, President of NY Operations  
331 East 150th Street  
Bronx, NY 10451  
(718) 292-0812 |
| Success Academy Bronx 1 Middle School / Middle School 203 / Intermediate School  
224 / Primary School 168  
(about 1,400 feet southeast of the site)  
Britney Weinberg-Lynn, Principal  
339 Morris Avenue  
Bronx, NY 10451  
(347) 286-7950 |
| Health Opportunities High School  
(about 540 feet south of the site)  
Julie Mchedlishvili, Principal  
350 Gerard Avenue  
Bronx, NY 10451  
(718) 401-1826 |
| Cardinal Hayes High School  
(about 1,550 feet northeast of the site)  
Craig Joseph, Admissions Director  
650 Grand Concourse  
Bronx, NY 10451  
(718) 292-6100 |
| Sunshine Learning Center  
(about 1,450 feet southeast of the site)  
Elizabeth Goyens, Director  
253 East 142nd Street  
Bronx, NY 10451  
(718) 989-9807 |
| PS 18 John Peter Zenger  
(about 1,700 feet east of the site)  
Lauren Sewell Walker, Principal  
502 Morris Avenue  
Bronx, NY 10451  
(718) 292-2868 |
| Children’s Pride, New York City Housing Authority Day Care Center  
(about 1,700 feet east of the site)  
Maritza Chavez,  
414 Morris Avenue  
Bronx, NY 10451  
(718) 401-4242 |
<table>
<thead>
<tr>
<th>Location</th>
<th>Address</th>
<th>Contact Person</th>
<th>Contact Information</th>
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<tbody>
<tr>
<td>Village Child Development Center</td>
<td>360 East 146th Street, Bronx, NY 10454</td>
<td></td>
<td>(718) 585-4494</td>
</tr>
<tr>
<td>Bronx Leadership Academy II</td>
<td>730A Concourse Village West, Bronx, NY 10451</td>
<td>R Lobianco, Principal</td>
<td>(718) 292-7171</td>
</tr>
<tr>
<td>Community School District 7</td>
<td>501 Courtlandt Avenue, Bronx, NY 10451</td>
<td></td>
<td>(718) 742-6500</td>
</tr>
<tr>
<td>Alfred E. Smith High School / Bronx Haven High School</td>
<td>333 East 151st Street, Bronx, NY 10451</td>
<td>Evan Schwartz, Principal</td>
<td>(718) 993-5000</td>
</tr>
<tr>
<td>South Bronx Preparatory 07X221 / The Laboratory School of Finance and Technology</td>
<td>360 East 145th Street, Bronx, NY 10454</td>
<td>Ellen Flanagan, Principal</td>
<td>(718) 292-2211</td>
</tr>
<tr>
<td>Hostos Lincoln Academy</td>
<td>600 St. Ann’s Avenue, Bronx, NY 10455</td>
<td>Nicholas Paarlberg</td>
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</table>

**Adjacent Property Owners**

<table>
<thead>
<tr>
<th>Location</th>
<th>Address</th>
<th>Contact Person</th>
<th>Contact Information</th>
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<tbody>
<tr>
<td>Hostos Community College</td>
<td>427 Walton Avenue, Bronx, NY 10451</td>
<td></td>
<td>(718) 518-4444</td>
</tr>
<tr>
<td>Omega Radio Communications</td>
<td>444 Gerard Avenue, Bronx, NY 10451</td>
<td></td>
<td>(718) 402-2929</td>
</tr>
<tr>
<td>417 Gerard Avenue Holdings LLC</td>
<td>417 Gerard Avenue, Bronx, NY 10451</td>
<td></td>
<td>(585) 546-8430</td>
</tr>
<tr>
<td>Tori Realty Corporation</td>
<td>120 East 144th Street, Bronx, NY 10451</td>
<td></td>
<td>(718) 292-3605</td>
</tr>
<tr>
<td>Dormitory Authority of the State of NY</td>
<td>135 East 144th Street, Bronx, NY 10451</td>
<td></td>
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<tr>
<td>Public Storage</td>
<td>385 Gerard Avenue, Bronx, NY 10451</td>
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<td>Bronx, NY 10451</td>
<td>Bronx, NY 10451</td>
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<tr>
<td>(212) 273-5000</td>
<td>(347) 767-5500</td>
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</tbody>
</table>
Community, Civic, Religious and Environmental Organizations:

The Bronx Council for Environmental Quality (BCEQ)
P.O. Box 265
City Island Station
Bronx, NY 10464

South Bronx Community Congress
145 East 149th Street, 2nd Floor
Bronx, NY 10451

South Bronx Overall Economic Development Corporation
555 Bergen Avenue
Bronx, NY 10455

Sustainable South Bronx
Jennifer Mitchell, Executive Director
1647 Macombs Road, Ground Floor
Bronx, NY 10453

Bronx Land Trust
Urban Garden Connections – Bronx Land Trust and Manhattan Land Trust
148 West 37th Street, 13th Floor
New York, NY 10018

Consolidated Edison Corporate Affairs
Eric Soto, Director
511 Theodore Fremd Avenue
Rye, NY 10580

FDNY
Squad 41
330 East 150th Street
Bronx, NY 10451

40th NYPD Police Precinct Council
Gabriel DeJesus, President
257 Alexander Avenue
Bronx, NY 10454
Appendix C - Site Location Map
Appendix D– Brownfield Cleanup Program Process

Application Complete -> 30-Day Comment Period (Fact Sheet, ENB, Newspaper) -> NYSDEC Notifies Applicant of Acceptance and Sends BCA for Signature -> Execute BCA -> Applicant Develops RI Work Plan Including CP Plan

Investigation Report Fact Sheet with Significant Threat Determination

Applicant Develops Remedial Work Plan with Alternatives Analysis

NYSDEC Reviews and Approves Investigation Report

Applicant Completes Investigation and Submits Investigation Report

NYSDEC Approves RI Work Plan

NYSDEC Reviews and Approves Investigation Report

Perform Interim Remedial Measure (s) as/if Necessary

Yes -> NYSDEC Selects Proposed Remedy

No -> Applicant Selects Proposed Remedy

Significant Threat Site?

Yes

45-Day Comment Period on Proposed Remedy (Fact Sheet)

No

NYSDEC Finalizes Remedial Work Plan

Public Meeting (Optional)

Applicant Completes Construction

Construction Notice (Fact Sheet)

NYSDEC Reviews and Approves Alternatives Analysis

NYSDEC Reviews and Approves Alternatives Analysis

NYSDEC Reviews and Approves Final Engineering Report (Fact Sheet)

Applicant Submits Final Engineering Report with all Certifications

NYSDEC Issues Certificate of Completion (Fact Sheet)

Is Site Management Required?

Yes

Operate, Monitor and Maintain Remedy; Complete any Annual IC/EC Certifications

No

PROJECT COMPLETE

Key

BCA = Brownfield Cleanup Agreement
CP = Citizen Participation
EC = Engineering Control
ENB = Environmental Notice Bulletin
IC = Institutional Control
RI = Remedial Investigation

Note: CP Activities are in Bold
APPENDIX E

PROJECT PERSONNEL RESUMES
William Bohrer
Project Geologist
Geologist

39 years in the industry

Mr. Bohrer is an experienced geologist responsible for managing Langan’s environmental standards and Health and Safety compliance for projects throughout New York City. His services include dissemination of environmental protocols, troubleshooting at project sites, in-house/field training, and maintenance of quality standards across the environmental discipline. Mr. Bohrer has a diverse and extensive background in geophysics, hydrogeology, mining and petroleum, and geotechnical engineering. He has developed conceptual site models for public, industrial and commercial facilities nationwide.

Selected Projects

NYU Poly – 122 Johnson Street, Brooklyn, NY
Con Edison of New York at Governor’s Island, NY, NY
535 4th Avenue, Brooklyn, NY
27 Wooster Street, New York, NY
42 West Street, Brooklyn, NY
455 West 19th Street, New York, NY
Kings Plaza Mall, Brooklyn, NY
Hudson Yards “Terra Firma”, New York, NY
Hudson Yards, Platform Special Inspection, New York, NY
PSAC II, Bronx, NY
595-647 Smith Street, Brooklyn, NY
New York University, 7-13 Washington Square North Investigation, New York, NY
NYU 4 Washington Square Village, New York, NY
125th Street and Lenox Avenue, New York, NY
Sullivan Street Development, New York, NY
Hudson Crossing II, New York, NY
New York Aquarium, Shark Tank & Animal Care Facility, Brooklyn, NY
209-219 Sullivan Street, New York, NY
261 Hudson Street, New York, NY
460 Washington Street, New York, NY
552 West 24th Street, New York, NY
Brooklyn Bridge Park Pier 1, New York, NY
International Leadership Bronx Charter School, Bronx, NY
203 East 92nd Street, New York, NY
HighLine 28-29, New York, NY
539 Smith Street Bulkhead, Brooklyn, NY
Willets Point, Corona, NY

Education

Post Graduate Studies in Geophysics
Cornell University

B.S., Geology
Tufts University

Professional Registration

40 Hour OSHA HazWOPER

OSHA Construction Safety & Health

OSHA Supervisory Certification Credential (TWIC)

Transportation Worker Identification

NYS DEC- Protecting New York’s Natural Resources with Better Construction Site Management*

Affiliations

American Association of Petroleum Geologists

National Groundwater Association

Geological Society of America

PA Council of Professional Geologists
15 years in the industry

Mr. Gochenaur is an environmental project manager whose experience includes environmental due diligence, site investigation and remediation, fuel oil storage tank investigation and removal, soil vapor intrusion assessments, in-situ remedial technology, spill closure, vapor barrier and sub-slab depressurization system design and construction, emergency response, environmental and geotechnical site investigations, and health and safety monitoring. He has extensive experience with the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup, Voluntary Cleanup and Spill Programs and New York City Department of Environmental Protection (NYCDEP) “E” Designated and New York City Voluntary Cleanup Program (BCP) sites. His areas of expertise include Phase I Environmental Site Assessments, Phase II Site Investigations, and environmental consulting and oversight on large scale construction projects.

Selected Projects

1525 Bedford Avenue, BCP Gas Station Cleanup and Redevelopment, Crown Heights, NY
535 4th Avenue, BCP Auto Repair Cleanup and Redevelopment, Crown Heights, NY
268 West Street, BCP Redevelopment of Former Commercial and Industrial Site, Tribeca, NY
110 125th Street, Soil Excavation and Remediation, Harlem Neighborhood, New York, NY
NY Aquarium, Shark Exhibit, Soil Characterization and Excavation Oversight, Coney Island Neighborhood, Brooklyn, NY
Former Roseland Ballroom Redevelopment, Soil Characterization and Excavation Oversight, New York, NY
60 West Street, Site investigation and Redevelopment, Greenpoint, New York
42 Crosby Street, “E” Designated Site Investigation and Remediation, New York, NY
New York School Construction Authority, Various Locations, In-House Environmental Consulting, New York Metro Area
EZ Serve Portfolio, GE Capital, Various Phase II Site Investigations, FL, GA, LA and MS
Beth Elohim Child Daycare Center, Lead Based Paint Abatement, Brooklyn, NY
Price Battery, Environmental Protection Agency (EPA) Lead Fallout Superfund Site, Hamburg, PA
Clark Portfolio, GE Capital, Various Phase II Locations, MI, IL, ID and OH
Tops Plaza Portfolio, Prudential Real Estate Investors, Various Phase II Locations, NY

Education

B.S., Environmental Science
University of Florida

Professional Registration

Qualified Environmental Professional (QEP) certified by the Institute of Professional Environmental Practice
40-Hour OSHA (HAZWOPER)
Brian Gochenaur

Cingular Wireless Portfolio, Cingular Wireless, Various Locations Phase I and II Locations, WA
Queens Center Mall Expansion, Remedial Oversight, Elmhurst, NY
15 years in the industry

Mr. Hayes has experience in New York, New Jersey, Washington D.C., California, Washington, Oregon, Alaska, and Internationally. His experience includes Environmental Protection Agency (EPA), New York State (NYS) Brownfield’s application, investigation, and remediation; New York City Department of Environmental Protection (NYCDEP) and New York City Office of Environmental Remediation (OER) E-designated site application, investigation, and remediation. His expertise also includes Phase I and II Environmental Site Investigations and Assessments; contaminated building cleanup and demolition; Underground Storage Tank (UST) permitting, removal specifications, and closure reporting; soil vapor intrusion investigation and mitigation system design (depressurization systems, etc.); development of groundwater contaminant plume migration models; environmental analysis; and oversight, design and specification generation for remediation operations with contaminants of concern to include polychlorinated biphenyls (PCBs), solvents, mercury, arsenic, petroleum products, asbestos, mold and lead.

Selected Projects

Confidential Location (Remediation for Mercury-Contaminated Site), New York, NY
Confidential Location (Phase II ESI and Remedial Design for Mercury Impacted Site), Brooklyn, NY
NYC School Construction Authority (PCB Remediation), Various Locations, New York, NY
28-29 High Line (Phase I ESA, Phase II ESI, and Environmental Remediation), New York, NY
Georgetown Heating Plant (Phase II ESI and Remedial Design for Mercury Impacted Site), Washington D.C.
268 West Street (BCP Application, RI and RIWP), New York, NY
Confidential Multiple Mixed-Use Tower Location (BCP Application, RI, Phase I ESA, and Phase II ESI), New York, NY
Dock 72 at Brooklyn Navy Yard, Tall Office Building (NYS Voluntary Cleanup Program), Brooklyn, NY
27-21 44th Drive (BCP Application, Remedial Investigation Phase I ESA, and Phase II ESI), Long Island City, NY
Purves Street Development, Tall Residential Building, BCP Application, RAWP, and Phase II ESI, Long Island City, NY
267-273 West 87th Street (BCP Application, Remedial Investigation, RIWP, RAWP), New York, NY
New York Aquarium, Shark Tank and Animal Care Facility (Environmental Remediation), Coney Island, NY
International Leadership Charter School (Environmental Remediation), Bronx, NY
West & Watts (BCP Application), New York, NY

Jason J. Hayes, PE, LEED AP
Principal
Environmental Engineering

Education
M.S., Environmental Engineering Columbia University
B.S., Chemistry, Environmental Toxicology Humboldt State University
Business Administration (minor) Humboldt State University

Professional Registration
Professional Engineer (PE) in NY
LEED Accredited Professional (LEED AP)
Troxler Certification for Nuclear Densometer Training
CPR and First Aid Certification
OSHA 40-Hour (HAZWOPER)
OSHA HAZWOPER Site Supervisor

Affiliations
US Green Building Council, NYC Chapter (USGBC), Communications Committee
Urban Land Institute (ULI), member
Commercial Real Estate Development Association (NAIOP), member
NYC Brownfield Partnership, member
Jason Hayes, PE, LEED AP

Hudson Yards Redevelopment (Phase I ESA and Phase II ESI), New York, NY
627 Smith Street (RI and Report), Brooklyn, NY
Gateway Center II Retail (Phase I ESA and Phase II ESI), Brooklyn, NY
261 Hudson Street (Phase I ESA, Phase II ESI, BCP, and RAWP), New York, NY
Riverside Center, Building Two (BCP, Phase I ESA and Phase II ESI), New York, NY
New York Police Academy, (Sub-Slab Depressurization and Vapor Barrier System), College Point, NY
Bronx Terminal Market (BCP, RIWP, RAWP, Phase I ESA and Phase II ESI), Bronx, NY
Jacob Javits Convention Center (Phase I ESA and Phase II ESI), New York, NY
Yankee Stadium Development Waterfront Park (NYSDEC Spill Sites), Bronx, NY
Bushwick Inlet Park (Phase I ESA, Approvals for NYC E-Designation), Brooklyn, NY
Silvercup West (BCP, RIWP, RIR, RAWP, and RAA), Long Island City, NY
29 Flatbush Residential Tower (Groundwater Studies, RIR and RAWP), Brooklyn, NY
Gowanus Village I (BCP, RIWP and RIR), Brooklyn, NY
Sullivan Street Hotel (Site Characterization Study and Owner Representation), New York, NY
Riker’s Island Co-Generation Plant (Soil and Soil Vapor Quality Investigations), Bronx, NY
The Shops at Atlas Park (Sub-Slab Depressurization and Vapor Barrier Design), Glendale, NY
Memorial Sloan-Kettering Cancer Center (Subsurface and Soil Vapor Intrusion Investigations), New York, NY
Element West 59th Street (Oversight and Monitoring of Sub-Slab Depressurization and Vapor Barrier Systems), New York, NY
Teterboro Airport (Delineation and Remedial Oversight of Petroleum-Contaminated Soils), Teterboro, NJ
Proposed New York JETS Stadium (Phase I ESA), New York, NY
Former Con Edison Manufactured Gas Plant Sites (Research Reports), New York, NY
7 World Trade Center (Endpoint Sampling and Final Closure Report), New York, NY
Peter Cooper Village, Environmental Subsurface Investigations, New York, NY

Selected Publications, Reports, and Presentations

NYC Mayor’s Office of Environmental Remediation – Big Apple Brownfield Workshop – Presented on Soil Vapor Intrusion Remedies (e.g., SSD Systems, Vapor Barriers, Modified HVAC)

New York City Brownfield Partnership – Presented on environmental considerations and complications of the Hudson yards Development

Waterfront Development Technical Course – Presented on Impacted Waterfront Planning Considerations
6 years in the industry

Ms. Leung is an environmental engineer working in the New York Metro area. She is involved with projects starting from their earliest stages (due diligence, remedial cost estimates) through their investigation phase (Phase IIs, remedial investigations) and development phase (construction oversight) and to completion of their remedy (closure reporting).

Selected Projects

ABC Sites, Queens, NY – Multidisciplinary Project. Project Engineer. Created cost estimates. Calculated BCP credits. Drafted BCP Applications, RIWPs, RIRs, Phase Is.

Greenpoint Landing, Brooklyn, NY - Multidisciplinary Project. Project Engineer. – Project Engineer. Drafted Remedial Closure Reports.

Bronx Point, Bronx, NY – Multidisciplinary Project. Project Engineer. Drafted BCP Application

300 West 122nd Street – Multidisciplinary Project. Project Engineer. Created cost estimates. Calculated BCP credits

538-544 Hudson Street – Project Engineer. Drafted construction specs and waste characterization reports.

Keller Hotel – Project Engineer. Drafted construction specs and waste characterization reports.

At least 20 Phase I ESAs in various locations in NYC and Westchester County

412 East 90th Street, New York, NY – Senior Staff Engineer. Phase II ESI. Waste classification investigation. Geotechnical sub-surface investigation.


203 East 92nd Street, New York, NY – Staff Engineer. Construction oversight.
Julia Leung

BAM North Tower, Brooklyn, NY – Staff Engineer. Performed Phase II investigation in active parking lot.

830 Fountain Avenue, Brooklyn, NY – Performed Phase II investigation for 7.35-acre site.

261 Hudson Street, New York, NY – Staff Engineer. Performed waste classification investigation and lead delineation investigation. Drafted waste classification report and lead delineation report.

41-43 East 22nd Street, New York, NY – Staff Engineer. Performed waste classification investigation in a low ceiling basement.

Columbia University, Manhattanville Campus, New York, NY – Staff Engineer. Provided construction oversight of large-scale excavation project.

Riverside Building 5, New York, NY – Staff Engineer. Performed subsurface investigation and Phase II investigation.

200 East 79th Street, New York, NY – Staff Engineer. Provided construction oversight of non-hazardous waste removal, waterproof installation, tieback installation and support of excavation installation.

536 West 41st Street, New York, NY – Staff Engineer. Performed subsurface investigation. Oversaw repair of damaged vapor barrier.

627 Smith Street, Brooklyn, NY – Staff Engineer. Performed supplemental Phase II investigation. Delineation of subsurface DNAPL plumes.

340 Court Street, Brooklyn, NY – Staff Engineer. Provided construction oversight including overseeing the closure of a 4,000 gallon UST; performed waste classification investigation.
15 years in the industry

Mr. Manderbach has experience in New York, New Jersey, Massachusetts, Maine, Rhode Island, New Hampshire, and Connecticut. His recent experience includes New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup, Voluntary Cleanup and Spill Programs, and New York City Office of Environmental Remediation (OER) E-designated site investigation, and remediation. He has managed and performed Phase I and II Environmental Site Assessments; Underground Storage Tank (UST) removals and closures; soil vapor intrusion investigations; and site investigations and remediation. He also has extensive experience with Hazard Ranking System (HRS) evaluations, site assessments, removal actions, and emergency response activities under the EPA Regions I and II Superfund program.

Selected Projects

Brownfield Redevelopment, 520 West 41st Street, New York, NY
Riverside Parcel 1, 3, 4 and 5, Mixed-Use Development, New York, NY
Brownfield Redevelopment, 267-273 West 87th Street, New York, NY
Brownfield Redevelopment, 225 33rd Street, Brooklyn, NY
River Place Residential, SMP Implementation, New York, NY
Mixed-Use Educational/Residential Development, New York, NY
Public Safety Answering Center (PSAC) II, Bronx, NY
American Copper Buildings (616 First Avenue), New York, NY
Environmental Assessments at 430 East 92nd Street, New York, NY
Environmental Assessments at 125th Street and Lenox, New York, NY
Hotel at 70 Park Avenue, New York, NY
Environmental Due Diligence at Mixed-Use Development, 85 Jay Street, Brooklyn, NY
346 Broadway Due Diligence, New York, NY
Liberty Brass Site, 38-01 Queens Boulevard, Long Island City, NY
Environmental Remediation, 42 West Street Residential, Brooklyn, NY
Brownfield Redevelopment, 335 Bond Street, Brooklyn, NY
Residences at 540 West 21st Street, New York, NY
International Leadership Bronx Charter School, Bronx, NY
President Street Properties, Brooklyn, NY
Residential Development, 43-30 24th Street, Long Island City, NY
Mixed-Use Condominium, 505-513 West 43rd Street, New York, NY
685 First Avenue, New York, NY
Columbia University, Manhattanville Development, New York, NY
The Shops at Atlas Park, Glendale, NY
536 West 41st Street, New York, NY
Shore Parkway, Brooklyn, NY
100 West 125th Street, New York, NY
11 North Moore Street, New York, NY
290 West Street, New York, NY

Education
B.A., Environmental Analysis and Policy
Boston University

Professional Registration
Certified Hazardous Materials Manager (CHMM)
40 Hour OSHA (HAZWOPER)

Affiliations
New York Building Congress (NYBC), Young Professionals Committee
American Council of Engineering Companies of New York (ACEC NY) – Emerging Leaders Committee
Ryan Mandebach, CHMM

City University of New York (CUNY), John Jay College Expansion, New York, NY
Queens West Development, Long Island City, NY
United Nations Capital Master Plan, New York, NY
Former Air Products and Chemicals, Inc. Facility, Middlesex, NJ
Lower Manhattan Indoor Dust Test and Clean Program, New York, NY
Former Buckbee-Mears Facility, Cortland, NY
Old Landfill, Norton, MA
Boulter Farm Area, Cumberland, RI
Hollingsworth & Vose Co., Walpole, MA
Chlor-Alkali Facility (Former), Berlin, NH
Limerick Mill Complex, Limerick, ME
Danielson Pike Chlorinated Solvent Sites, Scituate, RI
Tiogue Lake Sediment Contamination Site, Coventry, RI
Atlas Copco Sites, Holyoke, MA
Fisherville Mill, Grafton MA
Hurricane Katrina Federal Disaster Response, New Orleans, LA
Hurricane Ike Federal Disaster Response, Pasadena, TX
20 years in the industry

Mr. Moffa is Langan’s Corporate Health & Safety Manager and is responsible for managing health and safety compliance in all Langan office locations. He has over 20 years’ experience in the health and safety field. He is responsible for ensuring compliance with all federal and state occupational health and safety laws and development and implementation of corporate health and safety policies. Responsibilities include reviewing and updating Langan’s Corporate Health and Safety Program and assisting employees in the development of site specific Health & Safety Plans. He maintains and manages health and safety records for employees in all Langan office locations including medical evaluations, respirator fit testing, and Hazardous Waste Operations and Emergency Response training. He is also responsible for documentation and investigation of work-related injuries and incidents and sharing this information with employees to assist in the prevention of future incidents. He is also the chairman of the Corporate Health & Safety Committee and Health & Safety Leadership Team that meet periodically throughout the year. He is responsible for coordinating and providing health and safe training to Langan employees. He was formerly the Environmental, Health and Safety Coordinator at a chemical manufacturer. His experience included employee hazard communications, development of material safety data sheets for developed products, respirator fit testing and conducting required Occupational Health & Safety Association and Department of Transportation training.

Selected Projects

Verizon - Pennsylvania, Inc. Philadelphia Naval Yard, PA
Confidential Client, Philadelphia, PA
Penn Color, Doylestown, PA
Verizon - Pennsylvania, Inc., Phase I Environmental Assessment, Lansdowne, PA
Verizon - Pennsylvania, Inc. (formerly Bell Atlantic Corporation), Various Locations, PA
Kinder Morgan Bulk Terminals, Inc. Fairless Hills, PA
PP&L – Martins Creek, Bangor, PA
Concord Beverage Company, Concordville, PA
Penn Color, Hatfield, PA
National Starch & Chemical Company, Bloomfield, NJ
Air Products and Chemicals, Inc., Middlesex, NJ
PSEG Services Corporation, Jersey City, NJ
Sampson Coatings, Richmond, VA
Custom Chemicals Corporation, Elmwood Park, NJ

Education

B.S., Physics
West Chester University

Professional Registration

Associate Safety Professional (ASP)
Certified Hazardous Material Manager (CHMM)
Certified Occupational Safety Specialist (COSS)

Affiliations

Pennsylvania Chamber of Business & Industry
Chemical Council of New Jersey
New Jersey Business & Industry Association
Geoprofessional Business Association

Certifications and Training

Hazardous Waste Operations and Emergency Response Training
OSHA Site Supervisor Training
10 & 30-Hour Construction Safety & Health Training
30-Hour Construction Safety & Health Training
10-Hour Industry Safety & Health Training
Confined Space Awareness & Entry
Competent Person in Excavations
Hazard Communications
Defensive Driving Training
Emily G. Strake

Project Chemist/ Risk Assessor
Environmental Engineering

15 years in the industry ~ 2 years with Langan

Ms. Strake has fifteen years of environmental chemistry, risk assessment, auditing, and quality assurance experience. Most recently, she has focused her efforts on human health risk assessment, and has been the primary author or key contributor of risk assessment reports and screening evaluations for projects governed under RCRA, CERCLA, SWRCB, DTSC, DNREC, PADEP, NJDEP, CTDEEP, ODEQ, NYSDEC and MDE. She has experience in site-specific strategy development, which has enabled her to perform assessments to focus areas of investigation and identify risk-based alternatives for reducing remediation costs. Ms. Strake is a member of the Interstate Technology and Regulatory Council Risk Assessment Team responsible for the development and review of organizational risk assessment guidance documents and serves as a National Trainer in risk assessment for the organization.

Ms. Strake has ten years of experience assessing potential adverse health effect to humans from exposure to hazardous contaminants in soil, sediment, groundwater, surface water, ambient and indoor air, and various types of animal, fish, and plant materials. She understands and applies environmental cleanup guidance and policies associated with multiple federal and state agencies. Additionally, she has broad experience in the development of preliminary remediation goals and site-specific action levels. She is proficient with the USEPA and Cal/EPA Johnson and Ettinger Model for Subsurface Vapor Intrusion into Buildings, USEPA’s Adult Lead Methodology, DTSC’s Leadspread 7 and 8, and statistical evaluation of data using USEPA’s ProUCL software.

Ms. Strake has extensive experience in environmental data validation, focused on ensuring laboratory deliverables follow specific guidelines as described by regulatory agencies and the analytical methods employed. In addition, she has experience in EQuIS chemical database management. She also has a broad range of environmental field experience and maintains current OSHA HAZWOPER certification.

Ms. Strake is experienced in auditing laboratory and field-sampling activities for compliance with Quality Assurance Project Plans (QAPPs), the National Environmental Laboratory Accreditation Conference Standards Quality Systems manual, and applicable USEPA Guidance. Ms. Strake has also audited on-site laboratories in support of groundwater treatment operations and implemented corrective actions. Her responsibilities include writing reports on the value of laboratory work, writing/editing QAPPs for clients and project-specific sites, peer reviewing colleague’s work, and mentoring staff within the office. She has also served as the Quality Assurance officer for several long-term projects, responsible for the achievement of all forms of Quality Control/Quality Assurance by onsite personnel relating to sampling, analysis, and data evaluation.

Ms. Strake has several years’ experience analyzing investigative samples, writing laboratory Standard Operating Procedures (SOPs), and managing all

Education

MBA, Business Administration
The University of Scranton

B.S., Chemistry
Cedar Crest College

Training

40 hr. OSHA HAZWOPER Training/Nov 2002
8 hr. HAZWOPER Supervisor/June 2004
8 hr. OSHA HAZWOPER Refresher/Oct 2012
American Red Cross First Aid & CPR certified
Emily G. Strake

aspects of procedures and analyses for Optical Emission Spectrometry, X-Ray Fluorescence, Ignition analysis, and Atomic Absorption. Her experience also includes operating and performing routine instrument maintenance for GC/MS and IR. Ms. Strake has worked extensively on developing rapid soil characterization programs for PCB and pesticide analyses utilizing enzyme-linked immunosorbent assays, and was also involved in efforts to develop new instrumentation to quantify microbial nitrification of ammonium.

Selected Project Experience

Human Health Risk Assessment

- Major League Soccer’s San Jose Earthquakes Stadium – Utilized the Johnson and Ettinger advanced soil gas model to calculate risk and hazard associated with inhalation of chlorinated solvents for the redevelopment of a public soccer stadium. Soil gas data was modeled assuming three soil stratum and site-specific soil, building, and exposure parameters. The Earthquakes’ stadium is set to open in 2015.

- Exelon - Developed a human health risk assessment for a utility-owned former Manufactured Gas Plant (MGP) site in Pennsylvania, under Pennsylvania’s Act 2 Program. Used ProUCL 4.0 statistical software to determine upper limits for full data sets and non-detect data. Conducted vapor intrusion modeling (via the Johnson & Ettinger model) and prepared vapor intrusion reports showing that risks to volatile organic compounds in soils and groundwater were not impacting indoor air quality.

- Texas Instruments – Participated in a collaboration with Robert Ettinger and Geosyntec Consulting to develop comments to USEPA Region IX and the San Francisco Regional Water Quality Control Board regarding vapor intrusion at South Bay Superfund Sites. The focus of the response was to outline scientific and policy objections to EPA’s recommended TCE interim short-term indoor air response action levels and guidelines, and to clarify the use of California-modified indoor air screening levels for assessing and responding to TCE and PCE subsurface vapor intrusion into indoor air.

- Regency - Conducted vapor intrusion modeling for a dry cleaning facility in the Philadelphia area. Predictive modeling using the Johnson and Ettinger approach indicated that estimated contaminant levels would not adversely affect human receptors.

- Veteran’s Affairs - Completed a human health risk evaluation of the potential future risk associated with inhalation of indoor air for the Veteran’s Administration. Soil, soil gas, and groundwater samples were collected as part of the site characterization. Achieved DTSC approval of the risk assessment approach and conclusions.

- DOW Chemical - Calculated Medium Specific Concentrations (MSCs) for unregulated contaminants using the PADEP protocols to assist in the clean-up of a monomer tank explosion in Bristol, Pennsylvania. Selected appropriate surrogate toxicity data and evaluated novel on-site constituents by analogy.

- Santa Clara Landfill – Developed a risk assessment for the characterization of landfill gas at the Santa Clara All Purpose Landfill, requested by the San Francisco Regional Water Quality Control Board. The purpose of the landfill gas characterization is to evaluate specific compounds in landfill gas, their concentrations,
spatial patterns, and extent throughout the site, and to perform a vapor intrusion risk assessment for proposed future development.

- **Avon** - Completed a human health risk assessment in accordance with NYSDEC guidance for a redevelopment property located in Rye, New York. The objective of the evaluation was to characterize the risks associated with potential future human exposures to soil and groundwater affected by a release from the Site’s former No. 2 fuel oil UST. The intended future use of the Site was a playground to be utilized by the general public for open play on commercial recreational equipment.

- **Golden Gate National Parks Conservancy** – Peer reviewed a Preliminary Endangerment Assessment Report for the Battery East Trail. The assessment included a human health risk evaluation that estimated carcinogenic risk from exposure to PAHs and dioxin/furans in soil using toxic equivalency to benzo(a)pyrene and 2,3,7,8-TCDD.

- **Sunoco Refineries** – Derived site-specific soil PRGs for lead using the EPA’s adult lead model for two former Sunoco refineries. Completed receptor evaluations in accordance with USEPA risk assessment guidance to develop exposure parameters under current and reasonably anticipated future land use scenarios.

- **Honeywell** - Completed a focused human health risk evaluation of PAH contaminants for under NJDEP’s Site Remediation Program. Applied a blended approach of qualitative risk characterization and quantitative risk calculation to propose closure of AOCs following the remedial investigation.

- **Delaware City Refinery** - Performed comprehensive human health risk assessment for a petroleum refinery in Delaware City, Delaware. The risk assessment was the basis for a thorough characterization and assessment of potential risks posed by site-specific conditions. Developed various human exposure scenarios by using both Federal and State-Specific guidance for soil, groundwater, and surface water exposure.

- **Occidental Chemical** - Completed multiple AOC-specific risk assessments utilizing and applying the guidance set forth by the DTSC’s Human Health Risk Assessment Note 1 (Default Exposure Factors for Use in Risk Assessment), Note 3 (Recommended Methodology for Use of USEPA Regional Screening Levels, and Note 4 (Screening Level Human Health Risk Assessments).

- **Floreffe Terminal** - Performed human health risk assessment for contamination resulting from a 3.9 million gallon diesel oil tank collapse along the Monongahela River. Evaluated potential impacts to human health via exposure to soil, groundwater, and surface water. Calculated site-specific standards for soil remediation.

- **Ryder** – Developed Alternative Direct Exposure Criteria for PAH-impacted fill material at a commercial facility. Site-specific soil screening levels for incidental ingestion of soil were calculated following a forward risk evaluation for current on-site receptors.

- **Rohm and Haas** - Prepared an Act 2 site-specific human health risk assessment for the oldest industrial facility in the United States, located in southeast Philadelphia. The objective of the risk assessment was to determine achievable possible future land-use options under Pennsylvania’s Land Recycling Program. The risk assessment included evolution of multiple site-COPCs and
constituent suites: VOCs, SVOCs, PCBs, pesticides, and metals (including lead). Evaluated the potential for indoor air inhalation through J&E modeling of soil gas and groundwater.

- DuPont - Worked as a key participant in the human health risk evaluation of mercury associated with legacy contamination of the South River located in Waynesboro, Virginia.

Chemical Data Quality

- Audited multiple accredited laboratories in New Jersey and Pennsylvania on behalf of clients using USEPA Guidance on Technical Audits and Related Assessments for Environmental Data Operations. The audits included full-suite USEPA and SW-846 methodology; and included reviewing staff experience and training records, equipment and facilities, policies, practices, procedures, and documentation for sample receipt, analysis, instrument maintenance, standard preparation, calibration and traceability, control charting, corrective actions, data reduction and review, report generation, and waste disposal.

- Reviewed and validated data packages for RCRA Facilities Investigation at a Philadelphia-area chemical site; issued data validation reports to project personnel and regulatory agencies. The reviews included evaluation of quarterly groundwater, soil, and soil vapor matrices. Participated in RCRA groundwater sampling, developed and executed the investigation’s QAPP, and coordinated with the laboratory to schedule and perform field-sampling events.

- Completed Data Usability Summary Reports in accordance with NYSDEC DER-10 guidance for soil, groundwater, sediment surface water, soil gas, ambient air and indoor air analytical results.

- Acted as the Quality Assurance Officer for several long-term projects in Pennsylvania, Maryland, and New Jersey, Delaware, responsible for the achievement of all forms of QA/QC as it related to sampling, analysis, and data evaluation.

- Participated in a CERCLA site investigation; assessed the usability of sample results for numerous matrices including dust, sediment, soils, and various aqueous matrices for a remedial investigation under the Contract Laboratory Program. Implemented an on-site pesticide immunoassay program to delineate soil contamination in real-time.

- EQuIS data manager for database migration of historical groundwater results associated with remediation activities; assisted with natural attenuation data evaluation and gained experience in geochemical trends associated with intrinsic biodegradation.

- Coordinated the collection of fish tissue samples and determined the validity of the analytical results associated with CERCLA and RCRA site characterizations. Assessed duck blood analytical results for the Connecticut Department of Energy and Environmental Protection Bureau of Natural Resources.
Michael A. Skirka, CHMM
Senior Project Manager
Environmental Engineering

30 years in the industry

Mr. Skirka has comprehensive experience in planning and managing sampling/investigations for industrial hazardous waste sites. His services have included the preparation and implementation of cleanup and closure plans; evaluation and design of safety plans, and quality assurance/quality control plans. Mr. Skirka has extensive experience managing multi-million dollar remediation projects involving site investigations, and remediation and redevelopment under the New York Voluntary Cleanup Program.

Selected Projects

Hatco Site Remediation, Fords, NJ
Real Estate Remediation/Acquisition Program, Northeast Division Manager, Various Locations
Hurricane Sandy Damage Response National Park Service, Various Locations, NY Metropolitan Area
Confidential Client, First Avenue Properties, New York, NY
Industrial Manufacturing Facility, Staten Island, NY
Environmental Restoration, Various Locations, NY, NJ, and MA
Former Raritan Arsenal (Remedial Investigation [RI]/Feasibility Study [FS]/Remedial Design [RD]/Title II Construction Project, Edison, NJ
Technical Assistance, Various Locations in NY, NJ Puerto Rico, and Virgin Islands
Preliminary Assessment and Engineering Evaluation/Cost Analysis (EE/CA), Post Farm Drum Disposal Area, USACE Picatinny Arsenal, Huntsville Division, Wharton, NJ
Industrial Site Recovery Act (ISRA)/Environmental Cleanup Responsibility Act (ECRA) Investigation, Central NJ
Preparation of Discharge Prevention, Containment, and Countermeasure (DPCC) Discharge Cleanup and Removal (DCR) Plans, Various Locations, Multiple Industrial Facilities
Implementation of Resource Conservation and Recovery Act (RCRA) Closures, Various Locations
Oversight Services, Federal Reserve Bank of NY, Northern NJ
Confidential Client, Remedial Investigation (RI) Report, Northern New Jersey

Education
B.S., Biology
Rutgers University

Professional Registration
40-Hour Hazardous Waste Site Training
10-Hour OSHA Construction Safety Training
APPENDIX F

QUALITY ASSURANCE PROJECT PLAN
QUALITY ASSURANCE PROJECT PLAN

for

FORMER ROCKET JEWELRY BOX SITE
414 Gerard Avenue
Bronx, New York
Block 2350, Lot 1

Prepared For:

125 East 144 Street Holdings, LLC
c/o Treetop Development
The Glenpointe Centre West
500 Frank W Burr Boulevard
Teaneck, New Jersey

Prepared By:

Langan Engineering, Environmental, Surveying
and Landscape Architecture, D.P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York

November 2017
Langan Project No. 170488401
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ATTACHMENTS

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Attachment B: Analytical Methods/Quality Assurance Summary Table

Attachment C: Sample Nomenclature
1.0 PROJECT DESCRIPTION

1.1 INTRODUCTION

This Quality Assurance Project Plan (QAPP) was prepared on behalf of 125 East 144 Street Holdings, LLC (the Requestor), for the Former Rocket Jewelry Box Site at 414 Gerard Avenue in the Bronx, New York (the site). This Quality Assurance Project Plan (QAPP) supports the Remedial Action Work Plan (RAWP) that was submitted to the New York State Department of Environmental Conservation (NYSDEC) as part of a New York State Brownfield Cleanup Program (BCP) application. The Requestor intends to remediate the site in conjunction with redevelopment.

This QAPP specifies analytical methods to be used to ensure that data collected during site management are precise, accurate, representative, comparable, complete, and meet the sensitivity requirements of the project.

1.2 PROJECT OBJECTIVES

The RAWP covers earthwork to be completed during construction of the proposed development at the site. A Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) for the protection of on-site workers, the community, and the environment has been developed and will be implemented during remediation and construction activities. These objectives have been established in order to meet standards that will protect public health and the environment for the site.

1.3 SCOPE OF WORK

Implementation of the RAWP consists of remediation of the site to Track 1 cleanup standards. The proposed Track 1 remedy consists of the following tasks:

- Excavation, stockpiling, off-site transport, and disposal of historic fill and native soil that exceeds the Title 6 of the New York Codes, Rules and Regulations (6 NYCRR) Part 375 Unrestricted Use (UU) Soil Cleanup Objectives (SCOs). About 8,000 cubic yards of historic fill will be excavated as a remedial measure, and an additional 4,000 cubic yards of native soil will be excavated to accommodate development. The maximum elevation at which soil exceeding the UU SCOs is present is elevation¹ (el) -4.5 (about 26 feet below cellar grade in the southwestern part of the site). Material that exceeds UU SCOs will be

¹ Elevations are referenced to the North American Vertical Datum of 1988 (NAVD88) unless otherwise noted.
excavated in conjunction with construction of the support of excavation (SOE) system and foundation components.

- Decommissioning and removal of one registered 3,000-gallon aboveground storage tank (AST) and any additional underground storage tanks (USTs) identified during earthwork, including the suspect UST located in the southeastern part of the site

- Collection and analysis of confirmation soil samples to confirm UU SCOs are achieved

- Dewatering, as necessary, to accommodate the removal of material that exceeds UU SCOs and to facilitate SOE installation and foundation construction

- Backfilling of remediated areas to development sub-grade with certified-clean material (i.e., material meeting UU SCOs), virgin stone, or recycled concrete aggregate (RCA)

- Development and execution of plans for the protection of on-site workers, the community, and the environment during the remediation phase of development
2.0 DATA QUALITY OBJECTIVES AND PROCESS

Data Quality Objectives (DQOs) are qualitative and quantitative statements to help ensure that data of known and appropriate quality are obtained during the project. The overall objective is to prevent additional environmental impacts to site media (soil and groundwater) by removal of hazardous lead-impacted fill hot-spots. DQOs for sampling activities are determined by evaluating five factors:

- Data needs and uses: The types of data required and how the data will be used after it is obtained.
- Parameters of Interest: The types of chemical or physical parameters required for the intended use.
- Level of Concern: Levels of constituents, which may require remedial actions or further investigations.
- Required Analytical Level: The level of data quality, data precision, and QA/QC documentation required for chemical analysis.
- Required Detection Limits: The detection limits necessary based on the above information.

The quality assurance and quality control objectives for all measurement data include:

- **Precision** – an expression of the reproducibility of measurements of the same parameter under a given set of conditions. Field sampling precision will be determined by analyzing coded duplicate samples and analytical precision will be determined by analyzing internal QC duplicates and/or matrix spike duplicates.

- **Accuracy** – a measure of the degree of agreement of a measured value with the true or expected value of the quantity of concern. For soil and groundwater samples, accuracy will be determined through the assessment of the analytical results of field blanks and trip blanks for each sample set. Analytical accuracy will be assessed by examining the percent recoveries of surrogate compounds that are added to each sample (organic analyses only), internal standards, laboratory method blanks, instrument calibration, and the percent recoveries of matrix spike compounds added to selected samples and laboratory blanks. For soil vapor or air samples, analytical accuracy will be assessed by examining the percent recoveries that are added to each sample, internal standards, laboratory method blanks, and instrument calibration.
• **Representativeness** – expresses the degree to which sample data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is dependent upon the adequate design of the sampling program and will be satisfied by ensuring that the scope of work is followed and that specified sampling and analysis techniques are used. Representativeness in the laboratory is ensured by compliance to nationally-recognized analytical methods, meeting sample holding times, and maintaining sample integrity while the samples are in the laboratory’s possession. This is accomplished by following all applicable methods, laboratory-issued standard operating procedures (SOPs), the laboratory’s Quality Assurance Manual, and this QAPP. The laboratory is required to be properly certified and accredited.

• **Completeness** – the percentage of measurements made which are judged to be valid. Completeness will be assessed through data validation. The QC objective for completeness is generation of valid data for at least 90 percent of the analyses requested.

• **Comparability** – expresses the degree of confidence with which one data set can be compared to another. The comparability of all data collected for this project will be ensured using several procedures, including standard methods for sampling and analysis as documented in the QAPP, using standard reporting units and reporting formats, and data validation.

• **Sensitivity** – the ability of the instrument or method to detect target analytes at the levels of interest. The project manager will select, with input from the laboratory and QA personnel, sampling and analytical procedures that achieve the required levels of detection.
3.0 PROJECT ORGANIZATION

Excavation activities will be overseen by Langan on behalf of the Requestor. Langan will perform the sampling collection as described in the RAWP and will subcontract excavation and analytical services. Langan will also arrange data analysis and reporting tasks. The analytical services will be performed by Alpha Analytical Laboratories, Inc. of Westborough, Massachusetts (NYSDOH ELAP certification number 11148).

Key contacts for this project are as follows:

125 East 144 Street Holdings LLC: Mr. Aaron Stickney
Telephone: (973) 622-0073

Remediation Engineer: Mr. Jason Hayes, P.E.
Telephone: (212) 479-5427

Langan Project Director: Mr. Ryan Manderbach, CHMM
Telephone: (212) 479-5582

Langan Project Manager: Mr. Brian Gochenaur
Telephone: (212) 479-5479

Langan Field Team Leader: Ms. Michele Rogers
Telephone: (212) 479-5429

Langan Quality Assurance Officer (QAO): Mr. Michael Skirka
Telephone: (212) 479-5617

Langan Health and Safety Manager: Mr. Tony Moffa, CHMM
Telephone: (215) 491-6500

Langan Health and Safety Officer: Mr. William Bohrer
Telephone: (410) 984-3068

Data Validator: Emily Strake, Langan
Telephone: (215) 491-6526

Laboratory Representative: Mr. Ben Rao (Alpha)
Telephone: (201) 847-2951

Field Personnel: TBD

Langan résumés are appended to the RAWP.
4.0 QUALITY ASSURANCE OBJECTIVES FOR COLLECTION OF DATA

The overall quality assurance objective is to develop and implement procedures for sampling, laboratory analysis, field measurements, and reporting that will provide data of sufficient quality to evaluate the engineering controls on the site. The sample set, chemical analysis results, and interpretations must be based on data that meet or exceed quality assurance objectives established for the site. Quality assurance objectives are usually expressed in terms of accuracy or bias, sensitivity, completeness, representativeness, comparability, and sensitivity of analysis. Variances from the quality assurance objectives at any stage of the investigation will result in the implementation of appropriate corrective measures and an assessment of the impact of corrective measures on the usability of the data.

4.1 PRECISION

Precision is a measure of the degree to which two or more measurements are in agreement. Field precision is assessed through the collection and measurement of field duplicates. Laboratory precision and sample heterogeneity also contribute to the uncertainty of field duplicate measurements. This uncertainty is taken into account during the data assessment process. For field duplicates, results less than 2x the reporting limit (RL) meet the precision criteria if the absolute difference is less than ±2x the RL and acceptable based on professional judgement. For results greater than 2x the RL, the acceptance criteria is a relative percent difference (RPD) of ≤50% (soil and air), <30% (water). RLs and method detection limits (MDL) are provided in Attachment A.

4.2 ACCURACY

Accuracy is the measurement of the reproducibility of the sampling and analytical methodology. It should be noted that precise data may not be accurate data. For the purpose of this QAPP, bias is defined as the constant or systematic distortion of a measurement process, which manifests itself as a persistent positive or negative deviation from the known or true value. This may be due to (but not limited to) improper sample collection, sample matrix, poorly calibrated analytical or sampling equipment, or limitations or errors in analytical methods and techniques.

Accuracy in the field is assessed through the use of field blanks and through compliance to all sample handling, preservation, and holding time requirements. All field blanks should be non-detect when analyzed by the laboratory. Any contaminant detected in an associated field blank will be evaluated against laboratory blanks (preparation or method)
and evaluated against field samples collected on the same day to determine potential for bias. Trip blanks are not required for non-aqueous matrices but are planned for non-aqueous matrices where high concentrations of VOCs are anticipated.

Laboratory accuracy is assessed by evaluating the percent recoveries of matrix spike/matrix spike duplicate (MS/MSD) samples, laboratory control samples (LCS), surrogate compound recoveries, and the results of method preparation blanks. MS/MSD, LCS, and surrogate percent recoveries will be compared to either method-specific control limits or laboratory-derived control limits. Sample volume permitting, samples displaying outliers should be reanalyzed. All associated method blanks should be non-detect when analyzed by the laboratory.

4.3 COMPLETENESS

Laboratory completeness is the ratio of total number of samples analyzed and verified as acceptable compared to the number of samples submitted to the fixed-base laboratory for analysis, expressed as a percent. Three measures of completeness are defined:

- Sampling completeness, defined as the number of valid samples collected relative to the number of samples planned for collection;
- Analytical completeness, defined as the number of valid sample measurements relative to the number of valid samples collected; and
- Overall completeness, defined as the number of valid sample measurements relative to the number of samples planned for collection.

Air, soil vapor, soil, and groundwater data will meet a 90% completeness criterion. If the criterion is not met, sample results will be evaluated for trends in rejected and unusable data. The effect of unusable data required for a determination of compliance will also be evaluated.

4.4 REPRESENTATIVENESS

Representativeness expresses the degree to which data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, a process condition, or an environmental condition within a defined spatial and/or temporal boundary. Representativeness is dependent upon the adequate design of the sampling program and will be satisfied by ensuring that the scope of work is followed
and that specified sampling and analysis techniques are used. This is performed by following applicable standard operating procedures (SOPs) and this QAPP. All field technicians will be given copies of appropriate documents prior to sampling events and are required to read, understand, and follow each document as it pertains to the tasks at hand.

Representativeness in the laboratory is ensured by compliance to nationally-recognized analytical methods, meeting sample holding times, and maintaining sample integrity while the samples are in the laboratory’s possession. This is performed by following all applicable EPA methods, laboratory-issued SOPs, the laboratory’s Quality Assurance Manual, and this QAPP. The laboratory is required to be properly certified and accredited.

4.5 COMPARABILITY

Comparability is an expression of the confidence with which one data set can be compared to another. Comparability is dependent upon the proper design of the sampling program and will be satisfied by ensuring that the sampling plan is followed and that sampling is performed according to the SOPs or other project-specific procedures. Analytical data will be comparable when similar sampling and analytical methods are used as documented in the QAPP. Comparability will be controlled by requiring the use of specific nationally-recognized analytical methods and requiring consistent method performance criteria. Comparability is also dependent on similar quality assurance objectives. Previously collected data will be evaluated to determine whether they may be combined with contemporary data sets.

4.6 SENSITIVITY

Sensitivity is the ability of the instrument or method to detect target analytes at the levels of interest. The project director will select, with input from the laboratory and QA personnel, sampling and analytical procedures that achieve the required levels of detection and QC acceptance limits that meet established performance criteria. Concurrently, the project director will select the level of data assessment to ensure that only data meeting the project DQOs are used in decision-making.

Field equipment will be used that can achieve the required levels of detection for analytical measurements in the field. In addition, the field sampling staff will collect and submit full volumes of samples as required by the laboratory for analysis, whenever possible. Full volume aliquots will help ensure achievement of the required limits of
detection and allow for reanalysis if necessary. The concentration of the lowest level check standard in a multi-point calibration curve will represent the reporting limit.

Analytical methods and quality assurance parameters associated with the sampling program are presented in Attachment B. The frequency of associated field blanks and duplicate samples will be based on the recommendations listed in DER-10, and as described in Section 5.3.

Site-specific MS and MSD samples will be prepared and analyzed by the analytical laboratory by spiking an aliquot of submitted sample volume with analytes of interest. Additional sample volume is not required by the laboratory for this purpose. An MS/MSD analysis will be analyzed at a rate of 1 out of every 20 samples, or one per analytical batch. MS/MSD samples are only required for soil and groundwater samples.
5.0 SAMPLE COLLECTION AND FIELD DATA ACQUISITION PROCEDURES

Soil and groundwater sampling will be conducted in accordance with the established NYSDEC protocols contained in DER-10/Technical Guidance for Site Investigation and Remediation (May 2010). Soil vapor sampling will be conducted in accordance with the established New York State Department of Health (NYSDOH) protocols contained in the Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). The following sections describe procedures to be followed for specific tasks.

5.1 FIELD DOCUMENTATION PROCEDURES

Field documentation procedures will include summarizing field data in field books and field data sheets, and proper sample labeling. These procedures are described in the following sections.

5.1.1 Field Data and Notes

Field notebooks contain the documentary evidence regarding procedures conducted by field personnel. Hard cover, bound field notebooks will be used because of their compact size, durability, and secure page binding. The pages of the notebook will not be removed.

Entries will be made in waterproof, permanent blue or black ink. No erasures will be allowed. If an incorrect entry is made, the information will be crossed out with a single strike mark and the change initialed and dated by the team member making the change. Each entry will be dated. Entries will be legible and contain accurate and complete documentation of the individual or sampling team’s activities or observations made. The level of detail will be sufficient to explain and reconstruct the activity conducted. Each entry will be signed by the person(s) making the entry.

The following types of information will be provided for each sampling task, as appropriate:

- Project name and number
- Reasons for being on-site or taking the sample
- Date and time of activity
- Sample identification numbers
• Geographical location of sampling points with references to the site, other facilities or a map coordinate system. Sketches will be made in the field logbook when appropriate

• Physical location of sampling locations such as depth below ground surface

• Description of the method of sampling including procedures followed, equipment used and any departure from the specified procedures

• Description of the sample including physical characteristics, odor, etc.

• Readings obtained from health and safety equipment

• Weather conditions at the time of sampling and previous meteorological events that may affect the representative nature of a sample

• Photographic information including a brief description of what was photographed, the date and time, the compass direction of the picture and the number of the picture on the camera

• Other pertinent observations such as the presence of other persons on the site, actions by others that may affect performance of site tasks, etc.

• Names of sampling personnel and signature of persons making entries

Field records will also be collected on field data sheets including boring logs, which will be used for geologic and drilling data during soil boring activities. Field data sheets will include the project-specific number and stored in the field project files when not in use. At the completion of the field activities, the field data sheets will be maintained in the central project file.

5.1.2 Sample Labeling

Each sample collected will be assigned a unique identification number in accordance with the sample nomenclature guidance included in Attachment C, and placed in an appropriate sample container. Each sample container will have a sample label affixed to the outside with the date and time of sample collection and project name. In addition, the label will contain the sample identification number, analysis required and chemical preservatives added, if any. All documentation will be completed in waterproof ink.

5.2 EQUIPMENT CALIBRATION AND PREVENTATIVE MAINTENANCE

A photoionization detector (PID) will be used during the sampling activities to evaluate work zone action levels, collect pre- and post-sample readings for air samples, screen soil samples, and collect monitoring well headspace readings. Field calibration and/or
field checking of the PID will be the responsibility of the field team leader and the site HSO, and will be accomplished by following the procedures outlined in the operating manual for the instrument. At a minimum, field calibration and/or field equipment checking will be performed once daily, prior to use. Field calibration will be documented in the field notebook. Entries made into the logbook regarding the status of field equipment will include the following information:

- Date and time of calibration
- Type of equipment serviced and identification number (such as serial number)
- Reference standard used for calibration
- Calibration and/or maintenance procedure used
- Other pertinent information

A water quality meter (YSI 6820 or similar) will be used during purging of groundwater to measure pH, specific conductance, temperature, dissolved oxygen, turbidity and oxidation-reduction-potential (ORP), every ten minutes. A portable turbidity meter (LaMotte or similar) may also be used to measure turbidity. Water-quality meters should be calibrated and the results documented before use each day using standardized field calibration procedures and calibration checks.

Equipment that fails calibration or becomes inoperable during use will be removed from service and segregated to prevent inadvertent utilization. The equipment will be properly tagged to indicate that it is out of calibration. Such equipment will be repaired and recalibrated to the manufacturer’s specifications by qualified personnel. Equipment that cannot be repaired will be replaced.

Off-site calibration and maintenance of field instruments will be conducted as appropriate throughout the duration of project activities. All field instrumentation, sampling equipment and accessories will be maintained in accordance with the manufacturer’s recommendations and specifications and established field equipment practice. Off-site calibration and maintenance will be performed by qualified personnel. A logbook will be kept to document that established calibration and maintenance procedures have been followed. Documentation will include both scheduled and unscheduled maintenance.
5.3 SAMPLE COLLECTION

Soil Samples

Soil samples will be visually classified and field screened using a PID to assess potential impacts from VOCs and for health and safety monitoring. Soil samples collected for analysis of VOCs will be collected using either EnCore® or Terra Core® sampling equipment. For analysis of non-volatile parameters, samples will be homogenized and placed into glass jars. After collection, all sample jars will be capped and securely tightened, and placed in iced coolers and maintained at 4°C ±2°C until they are transferred to the laboratory for analysis, in accordance with the procedures outlined in Section 5.4. Analysis and/or extraction and digestion of collected soil samples will meet the holding times required for each analyte as specified in Attachment B. In addition, analysis of collected soil sample will meet all quality assurance criteria set forth by this QAPP and DER-10.

Groundwater Samples

Groundwater sampling will be conducted using low-flow sampling procedures following USEPA guidance (“Low Stress [low flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells”, EQASOP-GW 001, January 19, 2010).

During purging, field parameters should be measured, including: water level drawdown, purge rate, pH, specific conductance, temperature, dissolved oxygen, turbidity and oxidation-reduction-potential (ORP), every ten minutes using a water quality meter (YSI 6820 or similar) and a depth-to-water interface probe that should be decontaminated between wells. Samples should generally not be collected until the field parameters have stabilized. Field parameters will be considered stable once three sets of measurements are within ±0.1 standard units for pH, ±3% for conductivity and temperature, ±10 millivolts for ORP, and ±10% for turbidity and dissolved oxygen. Purge rates should be adjusted to keep the drawdown in the well to less than 0.3 feet, as practical. Additionally, an attempt should be made to achieve a stable turbidity reading of less than 10 Nephelometric Turbidity Units (NTU) prior to sampling. If the turbidity reading does not stabilize at reading of less than 10 NTU for a given well, then both filtered and unfiltered samples should be collected from that well. If necessary, field filtration should be performed using a 0.45 micron disposable in-line filter. Groundwater samples should be collected after parameters have stabilized as noted.
above or the readings are within the precision of the meter. Deviations from the stabilization and drawdown criteria, if any, should be noted on the sampling logs.

Samples should be collected directly into laboratory-supplied jars. After collection, all sample jars will be capped and securely tightened, and placed in iced coolers and maintained at 4°C ±2°C until they are transferred to the laboratory for analysis, in accordance with the procedures outlined in Section 5.4. Analysis and/or extraction and digestion of collected groundwater samples will meet the holding times required for each analyte as specified in Attachment B. In addition, analysis of collected groundwater sample will meet all quality assurance criteria set forth by this QAPP and DER-10.

**Soil Vapor Samples**

Prior to sample collection, a pre-sampling inspection will be conducted to document chemicals and potential subsurface pathways at the site. Soil vapor samples will be collected into laboratory-supplied, batch certified-clean Summa® canisters calibrated for a sampling rate of two hours. The pressure gauges on each calibrated flow controller should be monitored throughout sample collection. Sample collection should be stopped when the pressure reading reaches -4 mmHg.

**Sample Field Blanks and Duplicates**

Field blanks will be collected for quality assurance purposes at a rate of one per 20 investigative samples per matrix (soil and groundwater only). Field blanks will be obtained by pouring laboratory-demonstrated analyte-free water on or through a decontaminated sampling device following use and implementation of decontamination protocols. The water will be collected off of the sampling device into a laboratory-provided sample container for analysis. Field blank samples will be analyzed for the complete list of analytes on the day of sampling. Trip blanks will be collected at a rate of one per day if soil samples are analyzed for VOCs during that day.

Duplicate soil samples will be collected and analyzed for quality assurance purposes. Duplicate samples will be collected at a frequency of 1 per 20 investigative samples per matrix and will be submitted to the laboratory as “blind” samples. If less than 20 samples are collected during a particular sampling event, one duplicate sample will be collected.
5.4 SAMPLE CONTAINERS AND HANDLING

Certified, commercially clean sample containers will be obtained from the analytical laboratory. If soil or groundwater samples are being collected, the laboratory will also prepare and supply the required trip blanks and field blank sample containers and reagent preservatives. Sample bottle containers, including the field blank containers, will be placed into plastic coolers by the laboratory. These coolers will be received by the field sampling team within 24 hours of their preparation in the laboratory. Prior to the commencement of field work, Langan field personnel will fill the plastic coolers with ice in Ziploc® bags (or equivalent) to maintain a temperature of 4° ±2°C.

Soil and/or groundwater samples collected in the field for laboratory analysis will be placed directly into the laboratory-supplied sample containers. Samples will then be placed and stored on-ice in laboratory provided coolers until shipment to the laboratory. The temperature in the coolers containing samples and associated field blanks will be maintained at a temperature of 4°±2°C while on-site and during sample shipment to the analytical laboratory.

Possession of samples collected in the field will be traceable from the time of collection until they are analyzed by the analytical laboratory or are properly disposed. Chain-of-custody procedures, described in Section 5.9, will be followed to maintain and document sample possession. Samples will be packaged and shipped as described in Section 5.6.

5.5 SAMPLE PRESERVATION

Sample preservation measures will be used in an attempt to prevent sample decomposition by contamination, degradation, biological transformation, chemical interactions and other factors during the time between sample collection and analysis. Preservation will commence at the time of sample collection and will continue until analyses are performed. Should chemical preservation be required, the analytical laboratory will add the preservatives to the appropriate sample containers before shipment to the office or field. Samples will be preserved according to the requirements of the specific analytical method selected, as shown in Attachment B.
5.6 SAMPLE SHIPMENT

5.6.1 Packaging

Soil vapor samples canisters can be stored and transported without additional packaging. Soil and groundwater sample containers will be placed in plastic coolers. Ice in Ziploc® bags (or equivalent) will be placed around sample containers. Cushioning material will be added around the sample containers if necessary. Chains-of-custody and other paperwork will be placed in a Ziploc® bag (or equivalent) and placed inside the cooler. The cooler will be taped closed and custody seals will be affixed to one side of the cooler at a minimum. If the samples are being shipped by an express delivery company (e.g. FedEx) then laboratory address labels will be placed on top of the cooler.

5.6.2 Shipping

Standard procedures to be followed for shipping environmental samples to the analytical laboratory are outlined below.

- All environmental samples will be transported to the laboratory by a laboratory-provided courier under the chain-of-custody protocols described in Section 5.9.

- Prior notice will be provided to the laboratory regarding when to expect shipped samples. If the number, type or date of shipment changes due to site constraints or program changes, the laboratory will be informed.

5.7 DECONTAMINATION PROCEDURES

Decontamination procedures will be used for non-dedicated sampling equipment. Decontamination of field personnel is discussed in the site-specific HASP appended to the RAWP. Field sampling equipment that is to be reused will be decontaminated in the field in accordance with the following procedures:

1. Laboratory-grade glassware detergent and tap water scrub to remove visual contamination
2. Generous tap water rinse
3. Distilled/de-ionized water rinse
5.8 RESIDUALS MANAGEMENT

Debris (e.g., paper, plastic and disposable PPE) will be collected in plastic garbage bags and disposed of as non-hazardous industrial waste. Debris is expected to be transported to a local municipal landfill for disposal. If applicable, residual solids (e.g., leftover soil cuttings) will be placed back in the borehole from which it was sampled. If gross contamination is observed, soil will be collected and stored in Department of Transportation (DOT)-approved 55-gallon drums in a designated storage area at the Site. The residual materials stored in a designated storage area at the site for further characterization, treatment or disposal.

Residual fluids (such as purge water) will be collected and stored in DOT-approved (or equivalent) 55-gallon drums in a designated storage area at the site. The residual fluids will be transported to the on-site wastewater treatment plant or analyzed, characterized and disposed off-site in accordance with applicable federal and state regulations. Residual fluids such as decontamination water may be discharged to the ground surface, however, if gross contamination is observed, the residual fluids will be collected, stored, and transported similar purge water or other residual fluids.

5.9 CHAIN OF CUSTODY PROCEDURES

A chain-of-custody protocol has been established for collected samples that will be followed during sample handling activities in both field and laboratory operations. The primary purpose of the chain-of-custody procedures is to document the possession of the samples from collection through shipping, storage and analysis to data reporting and disposal. Chain-of-custody refers to actual possession of the samples. Samples are considered to be in custody if they are within sight of the individual responsible for their security or locked in a secure location. Each person who takes possession of the samples, except the shipping courier, is responsible for sample integrity and safe keeping. Chain-of-custody procedures are provided below:

- Chain-of-custody will be initiated by the laboratory supplying the pre-cleaned and prepared sample containers. Chain-of-custody forms will accompany the sample containers.

- Following sample collection, the chain-of-custody form will be completed for the sample collected. The sample identification number, date and time of sample collection, analysis requested and other pertinent information (e.g.,
preservatives) will be recorded on the form. All entries will be made in waterproof, permanent blue or black ink.

- Langan field personnel will be responsible for the care and custody of the samples collected until the samples are transferred to another party, dispatched to the laboratory, or disposed. The sampling team leader will be responsible for enforcing chain-of-custody procedures during field work.

- When the form is full or when all samples have been collected that will fit in a single cooler, the sampling team leader will check the form for possible errors and sign the chain-of-custody form. Any necessary corrections will be made to the record with a single strike mark, dated, and initialed.

If soil and/or groundwater samples are collected, sample coolers will be accompanied by the chain-of-custody form, sealed in a Ziploc® bag (or equivalent) and placed on top of the samples or taped to the inside of the cooler lid. If applicable, a shipping bill will be completed for each cooler and the shipping bill number recorded on the chain-of-custody form.

Samples will be packaged for shipment to the laboratory with the appropriate chain-of-custody form. A copy of the form will be retained by the sampling team for the project file and the original will be sent to the laboratory with the samples. Bills of lading will also be retained as part of the documentation for the chain-of-custody records, if applicable. When transferring custody of the samples, the individuals relinquishing and receiving custody of the samples will verify sample numbers and condition and will document the sample acquisition and transfer by signing and dating the chain-of-custody form. This process documents sample custody transfer from the sampler to the analytical laboratory. A flow chart showing a sample custody process is included as Figure 5.1, and chain-of-custody forms are included as Figures 5.2 and 5.3.
**SUMMA CANISTERS SHOULD NOT BE ICED**

**REQUIRES SIGN-OFF ON CHAIN-OF-CUSTODY FORM**
### Figure 5.2 Sample Chain-of-Custody Form – Air Sample

**AIR ANALYSIS**

**CHAIN OF CUSTODY**

320 Forbes Blvd., Mansfield, MA 02048
Toll Free: 800-222-0000 FAX: 508-222-3333

<table>
<thead>
<tr>
<th>CLIENT INFORMATION</th>
<th>PROJECT INFORMATION</th>
<th>REPORT INFORMATION - DATA DELIVERABLES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Client:</strong></td>
<td><strong>Project Name:</strong></td>
<td><strong>Criteria:</strong></td>
</tr>
<tr>
<td><strong>Address:</strong></td>
<td><strong>Project Location:</strong></td>
<td><strong>FAX:</strong></td>
</tr>
<tr>
<td><strong>Phone:</strong></td>
<td><strong>Project Manager:</strong></td>
<td><strong>ADE:</strong></td>
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<tr>
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<td><strong>EMAIL:</strong></td>
</tr>
<tr>
<td><strong>Email:</strong></td>
<td><strong>Site:</strong></td>
<td><strong>Additional Deliverables:</strong></td>
</tr>
<tr>
<td><em>These samples have been previously analyzed by Alpha</em></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**衣分析**

**SAMPLE MATRIX CODES**

- AA = Ambient Air (Radon/Outdoor)
- H = Soil Vapors (soil gas/IN
- C = Composites (air, soil, etc.)

**Analysis**

**Sample Comments (i.e. PHI)**

<table>
<thead>
<tr>
<th><strong>Sample ID</strong></th>
<th><strong>Date</strong></th>
<th><strong>Start Time</strong></th>
<th><strong>End Time</strong></th>
<th><strong>Initial Vacuum</strong></th>
<th><strong>Final Vacuum</strong></th>
<th><strong>Sample Matrix</strong></th>
<th><strong>Sample Notes</strong></th>
<th><strong>Can Start</strong></th>
<th><strong>ID</strong></th>
<th><strong>ID Status</strong></th>
<th><strong>Sample Comments</strong></th>
</tr>
</thead>
</table>

**REHEATED BY:**

**REQUESTED BY:**

**DATE/TIME:**

**RECEIVED BY:**

**DATE/TIME:**

**CONTAINER TYPE:**

Please print clearly and legibly. Samples can be logged in and tracked in time. The log will not start until any outstanding samples are resolved. All samples submitted are subject to Alpha's terms and conditions.
**Figure 5.3 Sample Chain-of-Custody Form – Soil and Groundwater**

<table>
<thead>
<tr>
<th>ALPHA Lab ID (Lab Use Only)</th>
<th>Sample ID</th>
<th>Collection</th>
<th>Sample Matrix</th>
<th>Sample Part</th>
<th>Sample Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Analysis**

<table>
<thead>
<tr>
<th>Sample Analysis</th>
<th>Sample Specific Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Date/Time**

- Retouched By: Date/Time
- Received By: Date/Time

**Preservative**

- Please print clearly, legibly and completely. Samples cannot be logged in and turnaround time clock will not start until any ambiguities are resolved. By executing this DOC, the client has read and agreed to be bound by Alpha's Terms & Conditions. (See reverse side.)
Laboratory chain-of-custody will be maintained throughout the analytical processes as described in the laboratory’s Quality Assurance Manual. The analytical laboratory will provide a copy of the chain-of-custody in the analytical data deliverable package. The chain-of-custody becomes the permanent record of sample handling and shipment.

5.10 LABORATORY SAMPLE STORAGE PROCEDURES

The subcontracted laboratory will use a laboratory information management system (LIMS) to track and schedule samples upon receipt by the analytical laboratories. Any sample anomalies identified during sample log-in must be evaluated on individual merit for the impact upon the results and the data quality objectives of the project. When irregularities do exist, the environmental consultant must be notified to discuss recommended courses of action and documentation of the issue must be included in the project file.

For samples requiring thermal preservation, the temperature of each cooler will be immediately recorded. Each sample and container will be assigned a unique laboratory identification number and secured within the custody room walk-in coolers designated for new samples. Samples will be, as soon as practical, disbursed in a manner that is functional for the operational team. The temperature of all coolers and freezers will be monitored and recorded using a certified temperature sensor. Any temperature excursions outside of acceptance criteria (i.e., below 2°C or above 6°C) will initiate an investigation to determine whether any samples may have been affected. Samples for VOCs will be maintained in satellite storage areas within the VOC laboratory. Following analysis, the laboratory’s specific procedures for retention and disposal will be followed as specified in the laboratory’s SOPs and/or QA manual.
6.0 DATA REDUCTION, VALIDATION, AND REPORTING

6.1 INTRODUCTION

Data collected during the field investigation will be reduced and reviewed by the laboratory QA personnel, and a report on the findings will be tabulated in a standard format. The criteria used to identify and quantify the analytes will be those specified for the applicable methods in the USEPA SW-846 and subsequent updates. The data package provided by the laboratory will contain all items specified in the USEPA SW-846 appropriate for the analyses to be performed, and be reported in standard format.

The completed copies of the chain-of-custody records (both external and internal) accompanying each sample from time of initial bottle preparation to completion of analysis shall be attached to the analytical reports.

6.2 DATA REDUCTION

The Analytical Services Protocol (ASP) Category B data packages and an electronic data deliverable (EDD) will be provided by the laboratory after receipt of a complete sample delivery group. The Project Manager will immediately arrange for archiving the results and preparation of result tables. These tables will form the database for assessment of the site contamination condition.

Each EDD deliverable must be formatted using a Microsoft Windows operating system and the NYSDEC data deliverable format for EQuIS. To avoid transcription errors, data will be loaded directly into the ASCII format from the laboratory information management system (LIMS). If this cannot be accomplished, the consultant should be notified via letter of transmittal indicating that manual entry of data is required for a particular method of analysis. All EDDs must also undergo a QC check by the laboratory before delivery. The original data, tabulations, and electronic media are stored in a secure and retrievable fashion.

The Project Manager or Task Manager will maintain close contact with the QA reviewer to ensure all non-conformance issues are acted upon prior to data manipulation and assessment routines. Once the QA review has been completed, the Project Manager may direct the Team Leaders or others to initiate and finalize the analytical data assessment.
6.3 DATA VALIDATION

Data validation will be performed in accordance with the USEPA validation guidelines for organic and inorganic data review. Validation will include the following:

- Verification of the QC sample results,
- Verification of the identification of sample results (both positive hits and non-detects),
- Recalculation of 10% of all investigative sample results, and
- Preparation of Data Usability Summary Reports (DUSR).

A DUSR will be prepared and reviewed by the QAO before issuance. The DUSR will present the results of data validation, including a summary assessment of laboratory data packages, sample preservation and COC procedures, and a summary assessment of precision, accuracy, representativeness, comparability, and completeness for each analytical method. A detailed assessment of each SDG will follow. For each of the organic analytical methods, the following will be assessed:

- Holding times;
- Instrument tuning;
- Instrument calibrations;
- Blank results;
- System monitoring compounds or surrogate recovery compounds (as applicable);
- Internal standard recovery results;
- MS and MSD results;
- Target compound identification;
- Chromatogram quality;
- Pesticide cleanup (if applicable);
- Compound quantitation and reported detection limits;
- System performance; and
- Results verification.
For each of the inorganic compounds, the following will be assessed:

- Holding times;
- Calibrations;
- Blank results;
- Interference check sample;
- Laboratory check samples;
- Duplicates;
- Matrix Spike;
- Furnace atomic absorption analysis QC;
- ICP serial dilutions; and
- Results verification and reported detection limits.

Based on the results of data validation, the validated analytical results reported by the laboratory will be assigned one of the following usability flags:

- “U” - Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank;
- “UJ” - Not detected. Quantitation limit may be inaccurate or imprecise;
- “J” - Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method
- “N” – Tentative identification. Analyte is considered present in the sample;
- “R” – Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample; and
- No Flag - Result accepted without qualification.
7.0 QUALITY ASSURANCE PERFORMANCE AUDITS AND SYSTEM AUDITS

7.1 INTRODUCTION

Quality assurance audits may be performed by the project quality assurance group under the direction and approval of the QAO. These audits will be implemented to evaluate the capability and performance of project and subcontractor personnel, items, activities, and documentation of the measurement system(s). Functioning as an independent body and reporting directly to corporate quality assurance management, the QAO may plan, schedule, and approve system and performance audits based upon procedures customized to the project requirements. At times, the QAO may request additional personnel with specific expertise from company and/or project groups to assist in conducting performance audits. However, these personnel will not have responsibility for the project work associated with the performance audit.

7.2 SYSTEM AUDITS

System audits may be performed by the QAO or designated auditors, and encompass a qualitative evaluation of measurement system components to ascertain their appropriate selection and application. In addition, field and laboratory quality control procedures and associated documentation may be system audited. These audits may be performed once during the performance of the project. However, if conditions adverse to quality are detected or if the Project Manager requests, additional audits may occur.

7.3 PERFORMANCE AUDITS

The laboratory may be required to conduct an analysis of Performance Evaluation samples or provide proof that Performance Evaluation samples submitted by USEPA or a state agency have been analyzed within the past twelve months.

7.4 FORMAL AUDITS

Formal audits refer to any system or performance audit that is documented and implemented by the QA group. These audits encompass documented activities performed by qualified lead auditors to a written procedure or checklists to objectively verify that quality assurance requirements have been developed, documented, and instituted in accordance with contractual and project criteria. Formal audits may be performed on project and subcontractor work at various locations.
Audit reports will be written by auditors who have performed the site audit after gathering and evaluating all data. Items, activities, and documents determined by lead auditors to be in noncompliance shall be identified at exit interviews conducted with the involved management. Non-compliances will be logged, and documented through audit findings, which are attached to and are a part of the integral audit report. These audit-finding forms are directed to management to satisfactorily resolve the noncompliance in a specified and timely manner.

The Project Manager has overall responsibility to ensure that all corrective actions necessary to resolve audit findings are acted upon promptly and satisfactorily. Audit reports must be submitted to the Project Manager within fifteen days of completion of the audit. Serious deficiencies will be reported to the Project Manager within 24 hours. All audit checklists, audit reports, audit findings, and acceptable resolutions are approved by the QAO prior to issue. Verification of acceptable resolutions may be determined by re-audit or documented surveillance of the item or activity. Upon verification acceptance, the QAO will close out the audit report and findings.
8.0 CORRECTIVE ACTION

8.1 INTRODUCTION

The following procedures have been established to ensure that conditions adverse to quality, such as malfunctions, deficiencies, deviations, and errors, are promptly investigated, documented, evaluated, and corrected.

8.2 PROCEDURE DESCRIPTION

When a significant condition adverse to quality is noted at site, laboratory, or subcontractor location, the cause of the condition will be determined and corrective action will be taken to preclude repetition. Condition identification, cause, reference documents, and corrective action planned to be taken will be documented and reported to the QAO, Project Manager, Field Team Leader and involved contractor management, at a minimum. Implementation of corrective action is verified by documented follow-up action.

All project personnel have the responsibility, as part of the normal work duties, to promptly identify, solicit approved correction, and report conditions adverse to quality. Corrective actions will be initiated as follows:

- When predetermined acceptance standards are not attained;
- When procedure or data compiled are determined to be deficient;
- When equipment or instrumentation is found to be faulty;
- When samples and analytical test results are not clearly traceable;
- When quality assurance requirements have been violated;
- When designated approvals have been circumvented;
- As a result of system and performance audits;
- As a result of a management assessment;
- As a result of laboratory/field comparison studies; and
- As required by USEPA SW-846, and subsequent updates, or by the NYSDEC ASP.

Project management and staff, such as field investigation teams, remedial response planning personnel, and laboratory groups, monitor on-going work performance in the
normal course of daily responsibilities. Work may be audited at the sites, laboratories, or contractor locations. Activities, or documents ascertained to be noncompliant with quality assurance requirements will be documented. Corrective actions will be mandated through audit finding sheets attached to the audit report. Audit findings are logged, maintained, and controlled by the Task Manager.

Personnel assigned to quality assurance functions will have the responsibility to issue and control Corrective Action Request (CAR) Forms (Figure 12.1 or similar). The CAR identifies the out-of-compliance condition, reference document(s), and recommended corrective action(s) to be administered. The CAR is issued to the personnel responsible for the affected item or activity. A copy is also submitted to the Project Manager. The individual to whom the CAR is addressed returns the requested response promptly to the QA personnel, affixing his/her signature and date to the corrective action block, after stating the cause of the conditions and corrective action to be taken. The QA personnel maintain the log for status of CARs, confirms the adequacy of the intended corrective action, and verifies its implementation. CARs will be retained in the project file for the records.

Any project personnel may identify noncompliance issues; however, the designated QA personnel are responsible for documenting, numbering, logging, and verifying the close out action. The Project Manager will be responsible for ensuring that all recommended corrective actions are implemented, documented, and approved.
**CORRECTIVE ACTION REQUEST**

<table>
<thead>
<tr>
<th>Number: __________________________</th>
<th>Date: ____________</th>
</tr>
</thead>
</table>

**TO:** _________________________________________

You are hereby requested to take corrective actions indicated below and as otherwise determined by you to (a) resolve the noted condition and (b) to prevent it from recurring. Your written response is to be returned to the project quality assurance manager by ____________

**CONDITION:**

**REFERENCE DOCUMENTS:**

**RECOMMENDED CORRECTIVE ACTIONS:**

<table>
<thead>
<tr>
<th>Originator</th>
<th>Date</th>
<th>Approval</th>
<th>Date</th>
<th>Approval</th>
<th>Date</th>
</tr>
</thead>
</table>

**RESPONSE**

**CAUSE OF CONDITION**

**CORRECTIVE ACTION**

(A) RESOLUTION

(B) PREVENTION

(C) AFFECTED DOCUMENTS

**C.A. FOLLOWUP:**

CORRECTIVE ACTION VERIFIED BY: ____________________________  DATE: ____________

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9.0 REFERENCES


USEPA, 1992a. CLP Organics Data Review and Preliminary Review. SOP No. HW-6, Revision #8, dated January 1992. USEPA Region II.


ATTACHMENT A

LABORATORY ANALYTICAL REPORTING LIMITS AND METHOD DETECTION LIMITS
<table>
<thead>
<tr>
<th>Method</th>
<th>Matrix</th>
<th>Analyte</th>
<th>MDL</th>
<th>RL</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA 8260C Water</td>
<td>1,1,1,2-Tetrachloroethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,1,1-Trichloroethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,1,2,2-Tetrachloroethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,1,2-Trichloroethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
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<tr>
<td>EPA 8260C Water</td>
<td>1,1-Dichloroethane</td>
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<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
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<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
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<td>EPA 8260C Water</td>
<td>Bromochloromethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,2,3-Trichloropropane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,2,4-Trichlorobenzene</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,2,4-Trimethylbenzene</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,2-Dibromo-3-chloropropane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,2-Dibromomethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,2-Dichlorobenzene</td>
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<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,2-Dichloroethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
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<tr>
<td>EPA 8260C Water</td>
<td>1,2-Dichloropropane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,3,5-Trimethylbenzene</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,3-Dichlorobenzene</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>1,4-Dichlorobenzene</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
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<td>1,4-Dioxane</td>
<td>40</td>
<td>80</td>
<td>ug/L</td>
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<td>Cyclohexane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
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</tr>
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<td>2-Hexanone</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>2-Hexanone</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>4-Methyl-2-pentanone</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
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<td>Acetone</td>
<td>1</td>
<td>2</td>
<td>ug/L</td>
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<td>Acrolein</td>
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<td>0.5</td>
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<td>0.5</td>
<td>ug/L</td>
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</tr>
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<td>0.5</td>
<td>ug/L</td>
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<tr>
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<td>Bromodichloromethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>Method</td>
<td>Matrix</td>
<td>Analyte</td>
<td>MDL</td>
<td>RL</td>
<td>Units</td>
</tr>
<tr>
<td>------------</td>
<td>--------</td>
<td>--------------------------------------</td>
<td>-----</td>
<td>----</td>
<td>-------</td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Bromoform</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Bromomethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Carbon disulfide</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
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<td>Carbon tetrachloride</td>
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<td>EPA 8260C Water</td>
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<td>0.5</td>
<td>ug/L</td>
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<td>EPA 8260C Water</td>
<td>Chloroethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
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<tr>
<td>EPA 8260C Water</td>
<td>Chloroform</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
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<td>Chloromethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>cis-1,2-Dichloroethylene</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>cis-1,3-Dichloropropylene</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Dibromochloromethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Dibromomethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Dichlorodifluoromethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Dichloromethane</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
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<td>EPA 8260C Water</td>
<td>Ethyl Benzen</td>
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<td>0.5</td>
<td>ug/L</td>
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<td>Ethylcyclohexane</td>
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<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Hexachlorobutadiene</td>
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<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Isopropylbenzene</td>
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<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Methyl acetate</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Methyl tert-butyl ether (MTBE)</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>Methylene chloride</td>
<td>1</td>
<td>2</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>n-Butylbenzene</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>n-Propylbenzene</td>
<td>0.2</td>
<td>0.5</td>
<td>ug/L</td>
<td></td>
</tr>
<tr>
<td>EPA 8260C Water</td>
<td>p- &amp; m- Xylenes</td>
<td>0.5</td>
<td>1</td>
<td>ug/L</td>
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<tr>
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## LABORATORY REPORTING LIMITS AND METHOD DETECTION LIMITS

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## Laboratory Reporting Limits and Method Detection Limits

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### Method

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PCBs

Herbicides

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<td>141-78-6</td>
<td>0.72</td>
<td>ug/m³</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>100-41-4</td>
<td>0.43</td>
<td>ug/m³</td>
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<tr>
<td>Hexachlorobutadiene</td>
<td>87-68-3</td>
<td>1.1</td>
<td>ug/m³</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>0.49</td>
<td>ug/m³</td>
</tr>
<tr>
<td>Methyl Methacrylate</td>
<td>80-62-6</td>
<td>0.41</td>
<td>ug/m³</td>
</tr>
<tr>
<td>Methyl tert-butyl ether (MTBE)</td>
<td>1634-04-4</td>
<td>0.36</td>
<td>ug/m³</td>
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<tr>
<td>Methylene chloride</td>
<td>75-09-2</td>
<td>0.69</td>
<td>ug/m³</td>
</tr>
<tr>
<td>n-Heptane</td>
<td>142-82-5</td>
<td>0.41</td>
<td>ug/m³</td>
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<td>n-Hexane</td>
<td>110-54-3</td>
<td>0.35</td>
<td>ug/m³</td>
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<td>o-Xylene</td>
<td>95-47-6</td>
<td>0.43</td>
<td>ug/m³</td>
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<td>p- &amp; m- Xylenes</td>
<td>179601-23-1</td>
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<tr>
<td>p-Ethyltoluene</td>
<td>622-96-8</td>
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<td>ug/m³</td>
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<td>Propylene</td>
<td>115-07-1</td>
<td>0.17</td>
<td>ug/m³</td>
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<tr>
<td>Styrene</td>
<td>100-42-5</td>
<td>0.43</td>
<td>ug/m³</td>
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<tr>
<td>Tetrachloroethylene</td>
<td>127-18-4</td>
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<td>ug/m³</td>
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<tr>
<td>Tetrahydrofuran</td>
<td>109-99-9</td>
<td>0.29</td>
<td>ug/m³</td>
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<td>Toluene</td>
<td>108-88-3</td>
<td>0.38</td>
<td>ug/m³</td>
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<tr>
<td>trans-1,2-Dichloroethylene</td>
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<tr>
<td>trans-1,3-Dichloropropylene</td>
<td>10061-02-6</td>
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<td>Trichloroethylene</td>
<td>79-01-6</td>
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<td>Trichlorofluoromethane (Freon 11)</td>
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<td>0.56</td>
<td>ug/m³</td>
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<td>108-05-4</td>
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<td>ug/m³</td>
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<tr>
<td>Vinyl Chloride</td>
<td>75-01-4</td>
<td>0.064</td>
<td>ug/m³</td>
</tr>
</tbody>
</table>
ATTACHMENT B

ANALYTICAL METHODS / QUALITY ASSURANCE
SUMMARY TABLE
## Analytical Methods/Quality Assurance Summary Table

<table>
<thead>
<tr>
<th>Matrix Type</th>
<th>Field Parameters</th>
<th>Laboratory Parameters</th>
<th>Analytical Methods</th>
<th>Sample Preservation</th>
<th>Sample Container Volume and Type</th>
<th>Sample Hold Time</th>
<th>Field Duplicate Samples</th>
<th>Equipment Blank Samples</th>
<th>Trip Blank Samples</th>
<th>Ambient Air Samples</th>
<th>Matrix Spike/Matrix Spike Duplicate Samples</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater</td>
<td>Temperature, Turbidity, pH, ORP, Conductivity</td>
<td>Part 375 + TCL VOCs</td>
<td>EPA 8260C</td>
<td>Cool to 4°C, HCl; no headspace</td>
<td>Three 40-mL VOC vials with Teflon®-lined cap</td>
<td>Analyze within 14 days of collection</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part 375 + TCL SVOCs</td>
<td>EPA 8270D</td>
<td>Cool to 4°C</td>
<td>Two 1-Liter Amber Glass</td>
<td>7 days to extract, 40 days after extraction to analysis</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TAL Metals</td>
<td>EPA 6010C, EPA 7470A</td>
<td>Cool to 4°C, HNO₃</td>
<td>250 ml plastic</td>
<td>6 months, except mercury of 28 days</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<td></td>
<td></td>
<td>Part 375 + TCL Pesticides</td>
<td>EPA 8061B</td>
<td>Cool to 4°C</td>
<td>Two 1-Liter Amber Glass</td>
<td>7 days to extract, 40 days after extraction to analysis</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
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<td>1 per 20 samples (minimum 1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PCBs</td>
<td>EPA 8062A</td>
<td>Cool to 4°C</td>
<td>Two 1-Liter Amber Glass</td>
<td>7 days to extract, 40 days after extraction to analysis</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<td></td>
<td>1,4-dioxane</td>
<td>EPA 8270-SIM</td>
<td>Cool to 4°C</td>
<td>Two 1-Liter Amber Glass</td>
<td>7 days to extract, 40 days after extraction to analysis</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<td></td>
<td></td>
<td>Perfluorinated Alkyl Acids</td>
<td>EPA 537</td>
<td>Cool to 4°C</td>
<td>250 ml plastic</td>
<td>Analyze within 14 days of collection</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<tr>
<td></td>
<td></td>
<td>Nitrite, Nitrate</td>
<td>EPA 300.0 / SM4500</td>
<td>Cool to 4°C</td>
<td>125 ml plastic</td>
<td>48 hours</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<tr>
<td></td>
<td></td>
<td>Ammonia</td>
<td>SM4500</td>
<td>Cool to 4°C</td>
<td>One 1-Liter Amber Glass</td>
<td>28 days</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<td></td>
<td></td>
<td>Sulfate</td>
<td>EPA 300.0 / ASTM D516-02</td>
<td>Cool to 4°C</td>
<td>125 ml plastic</td>
<td>28 days</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<td></td>
<td></td>
<td>Phosphate, Total Organic Carbon, Chemical Oxygen Demand</td>
<td>SM4500-P Ba, SM5310D, SM5220D</td>
<td>Cool to 4°C, H₂SO₄</td>
<td>250 ml Glass</td>
<td>28 days</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<td></td>
<td>Biological Oxygen Demand</td>
<td>SM5210B</td>
<td>Cool to 4°C</td>
<td>1-L plastic</td>
<td>48 hours</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
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<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<td></td>
<td>Alkalinity</td>
<td>SM2320B</td>
<td>Cool to 4°C</td>
<td>250 ml plastic</td>
<td>14 days</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<tr>
<td></td>
<td></td>
<td>Dehalococcoides</td>
<td>DNA (qPCR)</td>
<td>Cool to 4°C</td>
<td>1L plastic</td>
<td>24 hours</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
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<td>1 per 20 samples (minimum 1)</td>
</tr>
<tr>
<td>Matrix Type</td>
<td>Field Parameters</td>
<td>Laboratory Parameters</td>
<td>Analytical Methods</td>
<td>Sample Preservation</td>
<td>Sample Hold Time</td>
<td>Field Duplicate Samples</td>
<td>Equipment Blank Samples</td>
<td>Trip Blank Samples</td>
<td>Ambient Air Samples</td>
<td>Matrix Spike/Matrix Spike Duplicate Samples</td>
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<td>---------------------</td>
<td>------------------</td>
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<td>-------------------</td>
<td>-------------------</td>
<td>------------------------------------------</td>
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<tr>
<td>Soil</td>
<td>Total VOCs via PID</td>
<td>Part 375 + TCL VOCs</td>
<td>EPA 8260C</td>
<td>Cool to 4°C</td>
<td>Two 40-ml VOC vials with 5mL H2O2, one with MeOH</td>
<td>14 days</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
</tr>
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<td></td>
<td></td>
<td>Part 375 + TCL SVOCs</td>
<td>EPA 8270D</td>
<td>Cool to 4°C</td>
<td>4 oz. jar*</td>
<td>14 days extract, 40 days after extraction to analysis</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
</tr>
<tr>
<td></td>
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<td>Part 375 + TAL Metals</td>
<td>EPA 6010C, EPA 7470, EPA 7196A, EPA 9014/9010C</td>
<td>Cool to 4°C</td>
<td>2 oz. jar*</td>
<td>6 months, except Mercury 28 days</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<td></td>
<td>Hexavalent Chromium</td>
<td>EPA 7196A</td>
<td>Cool to 4°C</td>
<td>250 ml plastic</td>
<td>24 hours</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cyanide</td>
<td>SM4500 C/E</td>
<td>Cool to 4°C, NaOH</td>
<td>250 ml plastic</td>
<td>14 days</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Part 375 + TCL Pesticides</td>
<td>EPA 8081B</td>
<td>Cool to 4°C</td>
<td>4 oz. jar*</td>
<td>14 days extract, 40 days after extraction to analysis</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<tr>
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<td></td>
<td>Part 375 + TCL PCBs</td>
<td>EPA 8082A</td>
<td>Cool to 4°C</td>
<td>4 oz. jar*</td>
<td>14 days extract, 40 days after extraction to analysis</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
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<tr>
<td></td>
<td></td>
<td>Total Lead</td>
<td>EPA 6010B/6020</td>
<td>Cool to 4°C</td>
<td>2 oz. jar*</td>
<td>6 months</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TCLP Lead</td>
<td>EPA 1311/1312</td>
<td>Cool to 4°C</td>
<td>2 oz. jar*</td>
<td>6 months</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>NA</td>
<td>1 per 20 samples (minimum 1)</td>
</tr>
<tr>
<td>Soil Vapor and Ambient Air</td>
<td>Total VOCs via PID</td>
<td>TO-15 Listed VOCs</td>
<td>TO-15</td>
<td>Ambient Temperature</td>
<td>6-Liter Summa Canister</td>
<td>Analyze within 30 days of collection</td>
<td>1 per 20 samples (minimum 1)</td>
<td>1 per 20 samples (minimum 1)</td>
<td>NA</td>
<td>1 per 10 samples</td>
<td>NA</td>
</tr>
</tbody>
</table>

**Notes:**
- *can be combined in one or more 8 oz. jars
- mL = milliliter
- L = liter
- VOC = Volatile organic compound
- SVOC = Semi-volatile organic compound
- PCB = Polychlorinated biphenyls
- PID = Photoionization detector
- TAL = Total Analyte List
- TCL = Target Criteria List
- TCLP = Toxicity Characteristic Leachate Procedure
- ORP = Oxidation reduction potential
- EPA = U.S. Environmental Protection Agency
- SM = Standard Method
- NA = Not applicable
- °C = degree Celsius
ATTACHMENT C

SAMPLE NOMENCLATURE
SAMPLE NOMENCLATURE

The sample nomenclature outlined below provides consistency between sample events and projects but, most importantly, establish unique sample IDs that will avoid confusion months or years after the sample has been collected. Furthermore, unique sample IDs are required for any data submitted to the NYSDEC in EDD format or being uploaded to an EQuIS database.

1.0 INVESTIGATION LOCATION CODES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>SB</td>
<td>Soil Boring</td>
</tr>
<tr>
<td>WC</td>
<td>Waste Characterization Boring</td>
</tr>
<tr>
<td>TP</td>
<td>Test Pit</td>
</tr>
<tr>
<td>EPSW</td>
<td>Endpoint Location (Sidewall)</td>
</tr>
<tr>
<td>EPB</td>
<td>Endpoint Location (Bottom)</td>
</tr>
<tr>
<td>MW</td>
<td>Monitoring Well</td>
</tr>
<tr>
<td>TMW</td>
<td>Temporary Monitoring Well</td>
</tr>
<tr>
<td>SW</td>
<td>Surface Water</td>
</tr>
<tr>
<td>SV</td>
<td>Soil Vapor Point</td>
</tr>
<tr>
<td>IA</td>
<td>Indoor Air</td>
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<tr>
<td>AA</td>
<td>Ambient Air</td>
</tr>
<tr>
<td>SVE</td>
<td>Vapor Extraction Well</td>
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<tr>
<td>DS</td>
<td>Drum</td>
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<td>IDW</td>
<td>Investigation Derived Waste</td>
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<td>SL</td>
<td>Sludge</td>
</tr>
<tr>
<td>FP</td>
<td>Free Product</td>
</tr>
</tbody>
</table>

2.0 SAMPLE NOMENCLATURE

Each sample at a site must have a unique value.

- **Soil/Sediment Samples:**

  SBxx_y-y

  Sample Location Code + Number (two digits minimum) = Sampling Interval (y-y)

<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Sample Location Code</th>
<th>Sampling Depth or Interval (feet bgs or approx. elevation)</th>
<th>Sample Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase II/Remedial Investigation</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Grab Soil Sample</td>
<td>SB01</td>
<td>2 to 4</td>
<td>SB01_2-4</td>
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<tr>
<td></td>
<td>SB02</td>
<td>4</td>
<td>SB02_4</td>
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<tr>
<td>Waste Characterization</td>
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<tr>
<td>Grab Soil Sample</td>
<td>WC01</td>
<td>2 to 4</td>
<td>WC01_2-4</td>
</tr>
<tr>
<td></td>
<td>WC02</td>
<td>4</td>
<td>WC02_4</td>
</tr>
<tr>
<td>Composite Soil Sample</td>
<td>COMP01 or COMP02 + COMP03</td>
<td>0 to 10 (Fill)</td>
<td>COMP01_0-10</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Sample Location Code</th>
<th>Sampling Date</th>
<th>Sample Name</th>
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</thead>
<tbody>
<tr>
<td><strong>Endpoint Sampling</strong></td>
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</tr>
<tr>
<td>Grab Soil Sample</td>
<td>EPSW01_N</td>
<td></td>
<td>EPSW01_N_5</td>
</tr>
<tr>
<td></td>
<td>EPSW01_S</td>
<td></td>
<td>EPSW01_S_5</td>
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<td>EPSW01_E</td>
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<td>EPSW01_E_5</td>
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<td>EPSW01_W</td>
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<td>EPSW01_W_5</td>
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<td>EP801</td>
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<td>EP801_6</td>
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</table>

- **Groundwater/Surface Water Samples:**

  \[ MW_{xx\_MDYY} \]
  
  Sample Location Code +
  Number (two digits minimum)

  Sampling Date (MDYY)

<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Sample Location Code</th>
<th>Sampling Date</th>
<th>Sample Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater Sample</td>
<td>MW01</td>
<td>02/21/2013</td>
<td>MW01_022113</td>
</tr>
</tbody>
</table>

- **Air/Soil Vapor Samples:**

  \[ IA_{xx\_MDYY} \]
  
  Sample Location Code +
  Number (two digits minimum)

  Sampling Date (MDYY)

<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Sample Location Code</th>
<th>Date</th>
<th>Sample Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Sample</td>
<td>IA01</td>
<td>02/21/2013</td>
<td>IA01_022113</td>
</tr>
<tr>
<td>Soil Vapor Sample</td>
<td>SV01</td>
<td>02/21/2013</td>
<td>SV01_022113</td>
</tr>
<tr>
<td>Vapor Extraction Well</td>
<td>SVE01 (INLET/MIDPOINT/OUTLET)</td>
<td>02/21/2013</td>
<td>SVE01_IN_022113, SVE01_MID_022113, SVE01_OUT_022113</td>
</tr>
</tbody>
</table>

- **QA/QC Samples:**

  **Sample Matrix Codes**

  - SO Soil
  - SE Sediment
  - GW Groundwater
  - SW Surface Water
  - AS Air
  - SV Soil Vapor
  - SL Sludge
  - FP Free Product
**duplicates samples**

Sample Matrix Code

Sample Type + Number (two digits minimum)

Sampling Date (MMDDYY)

<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Parent Sample Code</th>
<th>Date</th>
<th>Sample Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater Duplicate Sample (DUP)</td>
<td>MW01_022113</td>
<td>02/21/2013</td>
<td>GWDUP01_022113</td>
</tr>
<tr>
<td>Soil boring Duplicate Sample (DUP)</td>
<td>SBP01_022113</td>
<td>02/21/2013</td>
<td>SODUP01_022113</td>
</tr>
<tr>
<td>Grab Waste Characterization</td>
<td>WC01</td>
<td>02/21/2013</td>
<td>WCDUP01_022113</td>
</tr>
<tr>
<td>Composite Waste Characterization</td>
<td>COMP01</td>
<td>02/21/2013</td>
<td>COMPDU01_022113</td>
</tr>
</tbody>
</table>

**Field Blanks and Trip Blanks**

Sample Matrix Code

Sample Type + Number (two digits minimum)

Sampling Date (MMDDYY)

<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Date</th>
<th>Sample Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater Field Blank (FB)</td>
<td>02/21/2013</td>
<td>GWFB01_022113</td>
</tr>
<tr>
<td>Groundwater Trip Blank (TB)</td>
<td>02/21/2013</td>
<td>GWTB01_022113</td>
</tr>
<tr>
<td>Soil Field Blank</td>
<td>02/21/2013</td>
<td>SOFB01_022113</td>
</tr>
<tr>
<td>Soil Trip Blank</td>
<td>02/21/2013</td>
<td>SOTB01_022113</td>
</tr>
</tbody>
</table>

**Matrix Spike/Matrix Spike Duplicate (MS/MSD)**

Parent Sample Name_MS or MSD

<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Sample Location</th>
<th>Parent Sample Name</th>
<th>Sample Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matrix Spike Soil (MS)</td>
<td>SB01</td>
<td>SB01_2-4</td>
<td>SB01_2-4_MS</td>
</tr>
<tr>
<td>Matrix Spike Soil Duplicate (MSD)</td>
<td>SB01</td>
<td>SB01_2-4</td>
<td>SB01_2-4_MSD</td>
</tr>
<tr>
<td>Matrix Spike GW (MS)</td>
<td>MW01</td>
<td>MW01</td>
<td>MW01_MS</td>
</tr>
<tr>
<td>Matrix Spike GW Duplicate (MSD)</td>
<td>MW01</td>
<td>MW01</td>
<td>MW01_MSD</td>
</tr>
</tbody>
</table>

**3.0 NOTES**

1. The sample location code should not exceed 20 characters and the sample name should not exceed 40 characters.
2. Sample location code (SB01, MW01, etc.) is a sequential number (starting with 01) and should be a minimum of two digits.
3. Sample Interval (SB01_0-5) is separated from the sample location code with an underscore, and the top and bottom interval with a dash. Soil and sediment sample intervals should always be in
foot. Soil and sediment sample intervals should contain no “/” or “()” or unit.

4. Sample date (MW01_022113) is separated from the sample location code with an underscore and should be provided in MMDDYY format [the date should contain no “/” or “.”].

5. If groundwater samples are collected from multiple intervals within one well, you may assign a letter designation (in lower case) to the well ID to differentiate between intervals (i.e., MW01a_022113, MW01b_022113, and MW01c_022113). The letter “a” would indicate the shallowest interval and “c” the deepest. The actual depth intervals should be documented in the project field book or field sheets and the letter designations should be used consistently between sampling events.

6. According to USEPA’s Contract Laboratory Program (CLP) Guidance for Field Samplers (January 2011), field duplicate samples should remain “blind” to the laboratory (i.e., they should have separate CLP Sample numbers). Assign two separate (unique) CLP sample numbers (i.e., one number to the field sample and one to the duplicate). Submit blind to the laboratory. (http://www.epa.gov/superfund/programs/clp/download/sampler/CLPSamp-01-2011.pdf)
APPENDIX G

REMEDIATION SCHEDULE
## Remediation Schedule

**Former Rocket Jewelry Box Site**  
**Bronx, New York**  
**Langan Project No. 170488401**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Design, Investigation, and Permitting</td>
</tr>
<tr>
<td>2</td>
<td>Site Demolition</td>
</tr>
<tr>
<td>3</td>
<td>Remedial Implementation</td>
</tr>
<tr>
<td>4</td>
<td>Balance of Construction</td>
</tr>
<tr>
<td>5</td>
<td>FER, SMP and EE (if required)</td>
</tr>
<tr>
<td>6</td>
<td>Certificate of Completion (12/31/19)</td>
</tr>
<tr>
<td>7</td>
<td>TCO Process</td>
</tr>
<tr>
<td>8</td>
<td>Final CO (02/28/2020)</td>
</tr>
</tbody>
</table>

### Notes:
1. The estimated scheduling of items 2 thru 6 will be contingent on the timing of acceptance of the BCP Remedial Action Work Plan.
2. FER - Final Engineering Report
3. SMP - Site Management Plan
4. TCO - Temporary Certificate of Occupancy
5. CO - Certificate of Occupancy
6. EE - Environmental Easement
APPENDIX H

SITE SIGNAGE REQUIREMENTS
Site Signage Requirements

The NYSDEC Department has specific requirements for a 4 foot by 8 foot sign to be posted to inform the public about the RA. The detailed NYSDEC requirements for Site signage are provided below.

Signage Instructions

Signs are required at sites where remedial actions are being performed under one of the following remedial programs: State Superfund, VCP, BCP, and Environmental Restoration Program (ERP). They will not be required during the investigation and design phases. The cost of the sign will be borne by the parties performing the remedial action based on the legal document the activities are being performed under (i.e. volunteers/participants would pay 100% of the cost under the BCP; municipalities would pay 100% and then would be reimbursed for the cost under the ERP).

Sign Requirements

Size: Horizontal format - 96" wide by 48" high  
Construction Materials: Aluminum or wood blank sign boards with vinyl sheeting.  
Inserts: “Site Name”, “Site Number”, “Name of Party Performing Remedial Activities” and “Municipal Executive”. Indicate position, size and topography for specific inserts.  
Color Scheme: Copy surrounding DEC logo - “NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION” PMS 355  
DEC logo: PMS 301 Blue, PMS 355 Green  
Text: Program: PMS 301 Brownfield Cleanup Program  
Site Name, Site Number, Party Performing Remedial Activities PMS 355  
Names of Governor, Commissioner, Municipal Executive PMS 301  
Transform the Past…..Build for the Future PMS 355  
Type Specifications: All type is Caslon 540, with the exception of the logotype. Format is: center each line of copy with small caps and initial caps.  
Production Notes: 96" wide x 48" high aluminum blanks will be covered with vinyl sheeting to achieve background color. Copy and logo will be silk screened on this surface.
Program Name

Site Name
Site Number
Name of Party Performing Remedial Activities

Governor
Commissioner
Municipal Executive

Transform the Past.... Build for the Future