

178-02 HILLSIDE AVENUE

QUEENS, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 15CVCP038Q

OER Project Number: 14EHAN551Q

DEPTECH Number: 08DEPTECH280Q

Prepared for:

Piermont Properties

865 Merrick Ave., Suite 50N

Westbury, NY 11590

(516) 222-2233

Prepared by:

Liberty Environmental, Inc.

131 Varick Street, Suite 1022

New York, NY 10013

(800) 305-6019

February 2015

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

FIGURES.....	3
LIST OF ACRONYMS	6
CERTIFICATION	7
EXECUTIVE SUMMARY	8
1.0 SITE BACKGROUND.....	12
1.1 Site Location and Current Usage	12
1.2 Proposed Redevelopment Plan	12
1.3 Description of Surrounding Property.....	13
2.0 SITE HISTORY	14
2.1 Past Uses and Ownership.....	14
2.2 Previous Investigations	14
2.3 Site Inspection.....	15
2.4 Areas of Concern	15
3.0 PROJECT MANAGEMENT	16
3.1 Project Organization	16
3.2 Health and Safety.....	16
3.3 Materials Management.....	16
4.0 REMEDIAL INVESTIGATION ACTIVITIES.....	17
4.1 Geophysical Investigation.....	17
4.2 Borings and Monitoring Wells.....	17
4.3 Sample Collection and Chemical Analysis.....	18
5.0 ENVIRONMENTAL EVALUATION.....	22
5.1 Geological and Hydrogeological Conditions.....	22
5.2 Soil Chemistry	23
5.3 Groundwater Chemistry.....	23
5.4 Soil Vapor Chemistry	24
5.5 Prior Activity	24
5.6 Impediments to Remedial Action	25

FIGURES

Figure 1: Site Location Map

Figure 2: Site Diagram / Sampling Locations

Figure 3: Area Map

TABLES

Table 1: Soil Analytical Data Summary

Table 2: Groundwater Analytical Data Summary

Table 3: Soil Vapor Analytical Data Summary

APPENDICES

Appendix A: Proposed Redevelopment Plans

Appendix B: Previous Reports

Appendix C: Health and Safety Plan

Appendix D: Soil Boring Logs

Appendix E: Soil Vapor Sampling Logs

Appendix F: Laboratory Reports for Soil Analytical Data

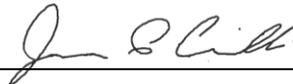
Appendix G: Laboratory Reports for Soil Vapor Analytical Data

LIST OF ACRONYMS

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

CERTIFICATION

I, James P. Cinelli, P.E., BCCE, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Site located at 178-02 Hillside Avenue in Queens, New York, (NYC VCP Site No. 15CVCP038Q and OER Site No. 14EHAN551Q). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

James P. Cinelli, P.E., BCCE	02/03/2015	
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

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

Site Location and Current Usage

The Site is located at 178-02 Hillside Avenue, 178-20 Hillside Avenue, and 88-16 179th Street in the Jamaica section in Queens, New York and is identified as Block 9913 and Lots 25 (178-20 Hillside Avenue), 35 (178-20 Hillside Avenue) and 41 (88-16 179th) on the New York City Tax Map. Figure 1 shows the Site location. The Site is 35,000-square feet and is bounded by Hillside Avenue to the north, residential properties to the south, 179th Street to the east, and 178th Street to the west. A map of the site boundary is shown in Figure 3. Currently, the Site is used for parking and contains one small kiosk for the parking lot attendant.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of mixed residential and commercial use. Layout of the proposed site development is not yet final; however, layout plans and architect drawings of the proposed site development are provided in Appendix A and the proposed footprint of the basement is depicted on Figure 2. The current zoning designation is R7A/R4-1 with a C2-4 overlay (General Residential District with a Commercial Overlay). The proposed use is consistent with existing zoning for the property.

The redevelopment is proposed to be a single mixed-use building with 7 to 8 stories with a basement. The basement is proposed to include offices and commercial spaces, a mechanical area, laundry, and a gym. The first floor is proposed to include retail space and lobbies. The second floor is anticipated to be parking. The third floor is anticipated to be community facility uses, and the remaining floors will be residential. The proposed building and parking lot will encompass the majority of the Site. The basement slab of the building will be approximately 8 feet below grade. It is estimated that excavation of 224,000 cubic feet of soil will be required for development of the full basement. No excavation below the water table is anticipated. The proposed basement footprint is depicted in Figure 2.

The building will be set back from the property line to the south and along 178th and 179th Street as required by zoning regulations, and the space between the building and the curb will be landscaped per district requirements. The building will be of slab-on-grade construction. Shallow soil at the site containing elevated PAHs will be managed in-place (covered by the building).

Summary of Past Uses of Site and Areas of Concern

A two-story commercial building was previously located on the northeast portion of the Site (Lot 35). According to historical information, this building was demolished between 2008 and 2009. The remainder of the Site (Lots 25 and 41) has been a parking lot as far back as the 1950s, when historical information identified in the Phase I ESA report identified smaller structures that appeared to have been residences.

The property is identified on the E-Designation database. Field activities at the subject site have been performed to obtain E Designation Program approval as per the requirements of the NYCDEP. Additionally, previous investigations identified one area of concern, as follows:

1. During a geophysical survey conducted in 2008 a magnetic anomaly was identified in the northwestern portion of the property and based upon its description, appears to be consistent with the configuration of a small underground tank.

Summary of the Work Performed under the Remedial Investigation (includes work performed under a previous subsurface investigation):

Piermont Properties and others performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 14 soil borings across the entire project Site, and collected 26 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed 2 groundwater monitoring wells at the Site and collected 2 groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed 6 soil vapor probes at the Site and collected 7 soil vapor samples for chemical analysis (6 samples and 1 duplicate sample); and
5. Advanced test pits to investigate the potential presence of an underground tank.

Summary of Environmental Findings

The RI performed at the subject site included the collection of soil samples, groundwater samples and soil vapor samples, and investigation of a subsurface anomaly. A Site Diagram indicating sampling locations is provided as Figure 2.

1. Elevation of the property ranges from 66 to 68 feet.
2. Depth to groundwater is approximately 74 feet at the Site.
3. Based on local topography groundwater is believed to flow from north to south beneath the Site.
4. Depth to bedrock at the site is unknown but estimated to be greater than 80 feet below ground surface based on the Subsurface Geology and Paleogeography of Queens County, Long Island, New York, U.S. Geological Survey Water-Resources Investigations 77-34 Open-file Report (February 1978).
5. The stratigraphy of the site, from the surface down, consists of 17 feet of sandy loam with pebble clasts with fill material observed at some locations to depths of up to 7 feet. The site is underlain by unconsolidated glacial drift of Upper Pleistocene age to an undetermined depth. The deepest soil boring was installed to a depth of approximately 80 feet below ground surface utilizing direct push technology. It should also be noted that no substantial clay strata were encountered during the soil boring and groundwater monitoring well installation activities.
6. Soil/fill samples collected were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Table 375-6.8 Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs). No VOCs, pesticides, or PCBs were detected. No SVOCs were detected within the deep soil samples collected. Several SVOCs, specifically PAHs, were detected in shallow soil samples at concentrations exceeding their respective SCOs. The SVOCs benzo(a)anthracene (1,800 micrograms per kilogram ($\mu\text{g}/\text{Kg}$), benzo(a)pyrene (1,900 $\mu\text{g}/\text{Kg}$), and benzo(b)fluoranthene (2,000 $\mu\text{g}/\text{Kg}$) exceeded Restricted Residential SCOs in SP-3

collected from zero to two feet below grade. Several metals were detected in the soil samples, but none were detected at concentrations above Restricted Residential SCOs. Lead was detected in three shallow soil samples at concentration above the Unrestricted Use SCOs.

7. Groundwater samples collected were compared to the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (GQS) for Class GA (drinking water). The samples revealed that VOCs were non-detect in the sample collected from GP-1 and that chloroform was present in GP-4 but at a concentration below its respective groundwater quality standards. No levels of SVOCs, pesticides, or PCBs were detected in groundwater exceeding their respective laboratory reporting limits. Several metals (aluminum, antimony, arsenic, cadmium, chromium, iron, magnesium, nickel, and zinc) were detected at elevated concentrations. It should be noted that these samples were total metals analysis, and the samples were not collected from screened monitoring wells and therefore likely were subject to significant turbidity. Therefore it is concluded that elevated metal concentrations are not truly representative of site groundwater conditions.
8. Soil vapor samples collected during the RI were compared to the New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006) Matrix 1 and Matrix 2 values. Samples indicated petroleum-related VOCs and chlorinated VOCs were present at low concentrations. Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 173 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Overall the highest reported concentration was for trichlorofluoromethane (maximum of $580 \mu\text{g}/\text{m}^3$). 1,1,1-trichloroethane (1,1,1-TCA) was detected in all soil vapor samples at a maximum concentration of $4.6 \mu\text{g}/\text{m}^3$. Carbon tetrachloride was detected in one soil vapor sample at $1.1 \mu\text{g}/\text{m}^3$. Tetrachloroethylene (PCE) was detected in all soil vapor samples at a maximum concentration of $17 \mu\text{g}/\text{m}^3$. Trichloroethylene (TCE) was detected in three of the soil vapor samples at a maximum concentration of $1.2 \mu\text{g}/\text{m}^3$. The 1,1,1-TCA, carbon tetrachloride, PCE, and TCE concentrations were all below the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion.

1.0 SITE BACKGROUND

Piermont Properties has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.81-acre site located at 178-02 Hillside Avenue, 178-20 Hillside Avenue, and 88-16 179th Street in the Jamaica section of Queens, New York. Mixed commercial and residential use is proposed for the property. The RI work was performed on June 9 and 10, 2014. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 178-02 Hillside Avenue, 178-20 Hillside Avenue, and 88-16 179th Street in the Jamaica section in Queens, New York and is identified as Block 9913 and Lots 25 (178-02 Hillside Avenue), 35 (178-20 Hillside Avenue) and 41 (88-16 179th) on the New York City Tax Map. Figure 1 shows the Site location. The Site is 35,000-square feet and is bounded by Hillside Avenue to the north, residential properties to the south, 179th Street to the east, and 178th Street to the west. A map of the site boundary is shown in Figure 3. Currently, the Site is used for parking and contains one small kiosk for the parking lot attendant.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of mixed residential and commercial use. Layout of the proposed site development is not yet final; however, layout plans and architect drawings of the proposed site development are provided in Appendix A and the proposed footprint of the basement is depicted on Figure 2. The current zoning designation is R7A/R4-1 with a C2-4 overlay (General Residential District with a Commercial Overlay). The proposed use is consistent with existing zoning for the property.

The redevelopment is proposed to be a single mixed-use building with 7 to 8 stories with a basement. The basement is proposed to include offices and commercial spaces, a mechanical area, laundry, and a gym. The first floor is proposed to include retail space and lobbies. The

second floor is anticipated to be parking. The third floor is anticipated to be community facility uses, and the remaining floors will be residential. The proposed building and parking lot will encompass the majority of the Site. The basement slab of the building will be approximately 8 feet below grade. It is estimated that excavation of 224,000 cubic feet of soil will be required for development of the full basement. No excavation below the water table is anticipated. The proposed basement footprint is depicted in Figure 2.

The building will be set back from the property line to the south and along 178th and 179th Street as required by zoning regulations, and the space between the building and the curb will be landscaped per district requirements. The building will be of slab-on-grade construction. Shallow soil at the site containing elevated PAHs will be managed in-place (covered by the building).

1.3 Description of Surrounding Property

The area surrounding the Site is mixed residential and commercial in use. Specifically, adjoining properties to the north across Hillside Avenue and west across 178th Street consist of mixed-use residential and commercial buildings, properties to the east across 179th Street include a Burger King and a residential building, and properties to the south are residences. According to OER's SPEED database, there are no hospitals located within 500 feet of the Site. Public School 95 is located approximately 250 feet southeast of the Site and Bell Park Child Day Care Center is located approximately 250 feet northeast of the Site.

Figure 3 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A two-story commercial building was previously located on the northeast portion of the Site (Lot 35). According to historical information, this building was demolished between 2008 and 2009. The remainder of the Site (Lots 25 and 41) has been a parking lot as far back as the 1950s, when historical information identified in the Phase I ESA report identified smaller structures that appeared to have been residences.

2.2 Previous Investigations

Previous investigations of the site include Phase I ESAs prepared by Giorgio Engineering International in May 2008 and CBRE, Inc. in May 2014, and a Subsurface Investigation performed by Hydro Tech Environmental Corp. in June 2008.

According to Sanborn fire insurance maps included in the Phase I ESAs, the Site was developed with residential dwelling in 1912, 1926, and 1951, and non-descript storefronts between 1951 and 2006. The 2014 CBRE Phase I ESA sites an uninvestigated magnetic anomaly identified within the northwestern portion of the Site which appeared consistent with a small underground storage tank as a Recognized Environmental Condition (REC). The 2008 Giorgio Engineering Phase I ESA recommended that several 5-gallon containers of waste oil onsite be removed.

At the time of Hydro Tech's Subsurface Investigation in 2008 Lots 25 and 41 consisted of a parking lot, lot 35 was developed with a 2-story building with a cellar in the southwest corner of the building. The scope of work of Hydro Tech's Subsurface Investigation included a ground-penetrating radar (GPR) survey, advancing 12 soil borings and 3 groundwater wells, the collection and laboratory analysis of 24 soil samples, and the collection and laboratory analysis of two groundwater samples. The soil samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and TAL metals. One groundwater sample was analyzed for all of these parameters, and one was collected for all of these parameters except VOCs.

Soil samples collected by Hydro Tech were generally from depths of 0 to 2 feet below grade and 14 to 16 feet below grade. The soil analytical data from the 2008 Subsurface Investigation are included in Table 1 – Soil Analytical Data Summary. The groundwater analytical data from

the 2008 Subsurface Investigation are included in Table 2 – Groundwater Analytical Data Summary.

Copies of the previous reports are provided in Appendix B.

2.3 Site Inspection

On June 9, 2014 a site inspection was performed by James P. Cinelli, P.E., BCEE, a Qualified Environmental Professional (QEP). Additionally, on June 9 and 10, 2014, site investigations were performed to further evaluate areas of concern by Joel C. Reber under the direct supervision of James P. Cinelli, P.E., BCEE. Specifically, inspections and investigation of AOCs were performed to evaluate environmental risk for the subject property.

2.4 Areas of Concern

The areas of concern AOCs identified for this site include:

1. During a geophysical survey conducted in 2008 a magnetic anomaly was identified in the northwestern portion of the property and based upon its description, appeared to be consistent with the configuration of a small underground tank. Liberty Environmental subsequently investigated this area and found no underground tanks. These investigations are discussed further in Section 4.1.

Previous reports are provided as Appendix B. A map showing areas of concern is presented in Figure 2.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is James P. Cinelli, P.E., BCEE.

3.2 Health and Safety

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

A copy of the Health and Safety Plan is provided in Appendix C.

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

Piermont Properties performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 14 soil borings across the entire project Site, and collected 26 soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed 2 groundwater monitoring wells throughout the Site and collected 2 groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed 6 soil vapor probes around Site perimeter and collected 7 samples for chemical analysis (6 samples and 1 duplicate sample); and
5. Advanced test pits to investigate the potential presence of an underground tank.

4.1 Geophysical Investigation

A Ground Penetrating Radar (GPR) survey was performed as a part of a Subsurface Investigation performed in May 2008 to scan for the presence of USTs, drums, and/or other subsurface anomalies. The GPR survey was performed utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna and encompassed all accessible portions of the site with the exception of the former basement in the building situated on Lot 35 due to the presence of debris and accessibility issues. The survey identified an anomaly in the northwestern portion of Lot 25 and was approximately 6 feet by 4 feet and located at a depth of approximately 5 to 7 feet. On June 9, 2014, the area of the anomaly was further investigated by advancing two test pits utilizing a mini-excavator. The dimension of each test pit was 3 feet wide by 24 feet long by 8 feet deep. Materials encountered during the test pit investigation consisted of coarse sand with cobbles. No indications of a UST, former UST and/or any other object that would have caused a geophysical anomaly were noted.

A copy of the previous Subsurface Investigation is provided in Appendix B.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

During soil investigations, each boring was advanced using Geoprobe® direct push technology to the desired depth and/or refusal. Soil cores were obtained in continuous intervals within dedicated plastic sleeves inside pre-cleaned stainless steel sampling rods. Soils within each boring were logged for various characteristics such as recovery, soil type, moisture, grain size, color, and visual and olfactory evidence of chemical impact, and were field-screened for the presence of volatile organic vapors using a photo-ionization detector (PID). Upon sample collection, the soil samples were immediately placed in laboratory-supplied bottleware and submitted under proper chain-of-custody procedures.

Boring logs were prepared by a staff geologist are attached in Appendix D. A map showing the location of soil borings and monitor wells is shown in Figure 2.

Groundwater Monitoring Well Construction

Four groundwater probes were attempted at the subject property during Hydro Tech's Subsurface Investigation in 2008. Probe GP-6 and GP-10 were subsequently abandoned when depths were not sufficient to encounter groundwater. GP-1 and GP-4 were successfully installed utilizing a Geoprobe with direct-push technology to depths of 74 and 72 feet, respectively. The groundwater probes were installed with 4-feet of 0.020 screen slot placed across the water table encountered at approximately 74 feet.

Monitor well locations are shown in Figure 2.

Survey

Field measurements were utilized to determine the location of soil vapor points during Liberty's investigation.

Water Level Measurement

The method used for the collection of water level measurements during Hydro Tech's Subsurface Investigation in 2008 is unknown

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been

sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

A total of 24 soil samples were collected for chemical analysis from the 12 soil borings installed as part of Hydro Tech's Subsurface Investigation in 2008. A total of 2 soil samples were collected for chemical analysis from the two soil borings installed as part of Liberty Environmental's 2014 Remedial Investigation.

Soil samples collected during Hydro Tech's Subsurface Investigation in 2008 were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to York Analytical Laboratories, Inc. of Stratford, Connecticut, a New York State ELAP certified environmental laboratory. Soil samples collected during Liberty Environmental's 2014 Remedial Investigation were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to ALS Environmental of Rochester, New York, a New York State ELAP certified environmental laboratory.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 1. Figure 2 shows the location of samples collected in this investigation and Hydro Tech's Subsurface Investigation in 2008. Laboratories and analytical methods are shown below.

Groundwater Sampling

Groundwater samples were reportedly collecting utilizing an inertial pump equipped with a stainless steel check valve and ball fitted with dedicated polyethylene tubing. No QA/QC samples were collected.

Two groundwater samples were collected for chemical analysis during this RI. Groundwater sample collection data is reported in Table 2. Figure 2 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Six soil vapor points (SVP-1 through SVP-6) were completed to 10 feet below grade and constructed with a six-inch long stainless steel screened intervals. The exception to this is SVP-3 where dual stainless screened intervals were installed to allow collection of a duplicate sample for QA/QC purposes. Plastic tubing was connected to the top of screening via a hose barb and extended approximately two feet above the ground surface. The annulus of the vapor points were filled with sand (extending from the bottom of the borehole to three inches above the screened interval) and bentonite.

One round of soil vapor sample collection was performed at the site and consisted of purging all monitoring points of stagnant air within the plastic tubing and screened interval, and collecting soil gas samples in a laboratory-supplied Summa canister. Prior to collecting each sample, the volume of air present in the plastic tubing and screened interval was calculated and purged using a personal hand pump to ensure collection of representative samples. Following purging, the plastic tubing was connected to the Summa canister. Each Summa canister was pre-set by the laboratory to collect six liters of gas over a period of two hours (approximately 8 milliliters per minute). The vacuum present in each Summa canister was monitored prior to, during, and after the sampling events. Upon completion of the event the Summa canisters were placed in the cardboard boxes that the laboratory originally shipped them in and shipped to the laboratory. Please note that based upon sampling depths, helium sampling was not performed.

Six soil vapor probes were installed and seven soil vapor samples (including one duplicate sample) were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 2. Soil vapor sample collection data is reported in Table 2. Soil vapor sampling logs are included in Appendix E. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by James P. Cinelli, P.E., BCEE
Chemical Analytical	Chemical analytical laboratories used in the RI were NYS ELAP certified and were York Analytical Laboratories, Inc. and ALS

Laboratory	Environmental.
Chemical Analytical Methods	<p>Soil analytical methods:</p> <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); <p>Groundwater analytical methods:</p> <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none"> • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater, and soil vapor are summarized in Table 1, 2, and 3, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendices F and G (Liberty Environmental 2014 Remedial Investigation) and Appendix B (Hydro Tech 2008 Subsurface Investigation).

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

According to the USDA NRCS Web Soil Survey, soils underlying the Site are characterized as urban land consisting of Pavement and Buildings of the River-flatbush riverhead complex with zero to eight percent slopes, which consists of urbanized areas of outwash plains that have been substantially modified for residential use and contain a mixture of anthropogenic and gneissic outwash soils that are largely covered with impervious surfaces. Based on the Subsurface Geology and Paleography of Queens County, Long Island, New York, U.S. Geological Survey Water-Resources Investigations 77-34 Open-file Report (February 1978), the site is likely underlain by unconsolidated Holocene deposits, Pleistocene glacial drift, as well as other unconsolidated geologic units consisting of Cretaceous sediments such as those part of the Atlantic Coastal Plain. The majority of unconsolidated materials underlying the site are likely to be Pleistocene (pre-Sangamon and Sangamon) in age.

Soil investigations identified subsurface material consisting of sandy loam with pebble clasts with fill material observed at some locations to depths of up to 7 feet from just below grade extending to 16 feet. Equipment refusal was encountered at a range of approximately 7 feet to 17 feet which is likely a result of buried concrete and/or boulders. Groundwater was encountered at a depth of 74 feet below ground surface.

Hydrogeology

According to the Hydro Tech report dated May 21, 2008, groundwater was encountered at 74 feet below grade and that groundwater flow in the vicinity of the site is south toward Jamaica Bay. It should be noted that GP-6 was installed to a depth of 80 feet below grade and was dry. While the lack of groundwater in GP-6 is unexpected, the presence/absence of groundwater in the unconsolidated sediments underlying the site may be a reflection of lower permeability lenses within the sediments and recharge/discharge relationships. Additionally, GP-1 produced limited sample volume. A review of site topography suggests that groundwater flow is expected to be from north to south.

5.2 Soil Chemistry

Twenty-four soil samples collected at the subject property in 2008 and four additional soil samples (with two samples submitted for analysis) were collected at the subject property to determine concentration ranges and distributions. Analytical results were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Table 375-6.8 Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs). No VOCs, pesticides, or PCBs were detected. No SVOCs were detected within the deep soil samples collected. Several SVOCs, specifically PAHs, were detected in shallow soil samples at concentrations exceeding their respective SCOs. The SVOCs benzo(a)anthracene (1,800 micrograms per kilogram ($\mu\text{g}/\text{Kg}$), benzo(a)pyrene (1,900 $\mu\text{g}/\text{Kg}$), and benzo(b)fluoranthene (2,000 $\mu\text{g}/\text{Kg}$) exceeded Restricted Residential SCOs in SP-3 collected from zero to two feet below grade. Several metals were detected in the soil samples, but none were detected at concentrations above Restricted Residential SCOs. This indicates the aerial and vertical distribution of contamination is limited. Based upon field observations during subsurface investigations, it is believed that elevated PAHs at the Site can be attributed to historic fill materials present. Exceedances detected in SP-3 are located approximately 40 feet south of the proposed basement excavation, and thus it is not anticipated soil vapor concentrations will pose a risk to future occupied spaces below grade.

Data collected during the Liberty Environmental 2014 Remedial Investigation and Hydro Tech 2008 Subsurface Investigation is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 1.

5.3 Groundwater Chemistry

Groundwater probe GP-1 was installed in the north-northwestern property corner and GP-4 was installed in the assumed downgradient direction in the south-southwestern property corner to delineate contaminant distribution. Analytical results were compared to the New York State 6NYCRR Part 703.5 Class GA groundwater standards. The results of the groundwater investigation revealed that VOCs were non-detect in the sample collected from GP-1 and that chloroform was present in GP-4 but at a concentration below its respective groundwater quality standards. No concentrations of SVOCs, pesticides, or PCBs were detected in groundwater exceeding their respective laboratory reporting limits. Several metals (aluminum, antimony,

arsenic, cadmium, chromium, iron, magnesium, nickel, and zinc) were detected at elevated concentrations. It should be noted that laboratory analysis of these samples included total metals analysis, and the samples were not collected from screened monitoring wells. As such the samples were likely turbid. Therefore it is concluded that elevated metal concentrations are not truly representative of site groundwater conditions.

Data collected during the Hydro Tech 2008 Subsurface Investigation is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Table 2.

5.4 Soil Vapor Chemistry

A total of six soil vapor points were installed at the subject site, with three at the west side of the site and three along the east side of the site to further evaluate the vapor intrusion pathway. Samples were analyzed for VOCs and compared to the New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006) Matrix 1 and Matrix 2 values. Samples indicated petroleum-related VOCs and chlorinated VOCs were present at low concentrations. Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 173 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). Overall the highest reported concentration was for trichlorofluoromethane (maximum of $580 \mu\text{g}/\text{m}^3$). 1,1,1-trichloroethane (1,1,1-TCA) was detected in all soil vapor samples at a maximum concentration of $4.6 \mu\text{g}/\text{m}^3$. Carbon tetrachloride was detected in one soil vapor sample at $1.1 \mu\text{g}/\text{m}^3$. Tetrachloroethylene (PCE) was detected in all soil vapor samples at a maximum concentration of $17 \mu\text{g}/\text{m}^3$. Trichloroethylene (TCE) was detected in three of the soil vapor samples at a maximum concentration of $1.2 \mu\text{g}/\text{m}^3$. The 1,1,1-TCA, carbon tetrachloride, PCE, and TCE concentrations were all below the monitoring level ranges established within the NYSDOH Final Guidance on Soil Vapor Intrusion. Thus it is anticipated that vapor intrusion would **not** pose a risk to the proposed site building.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 2

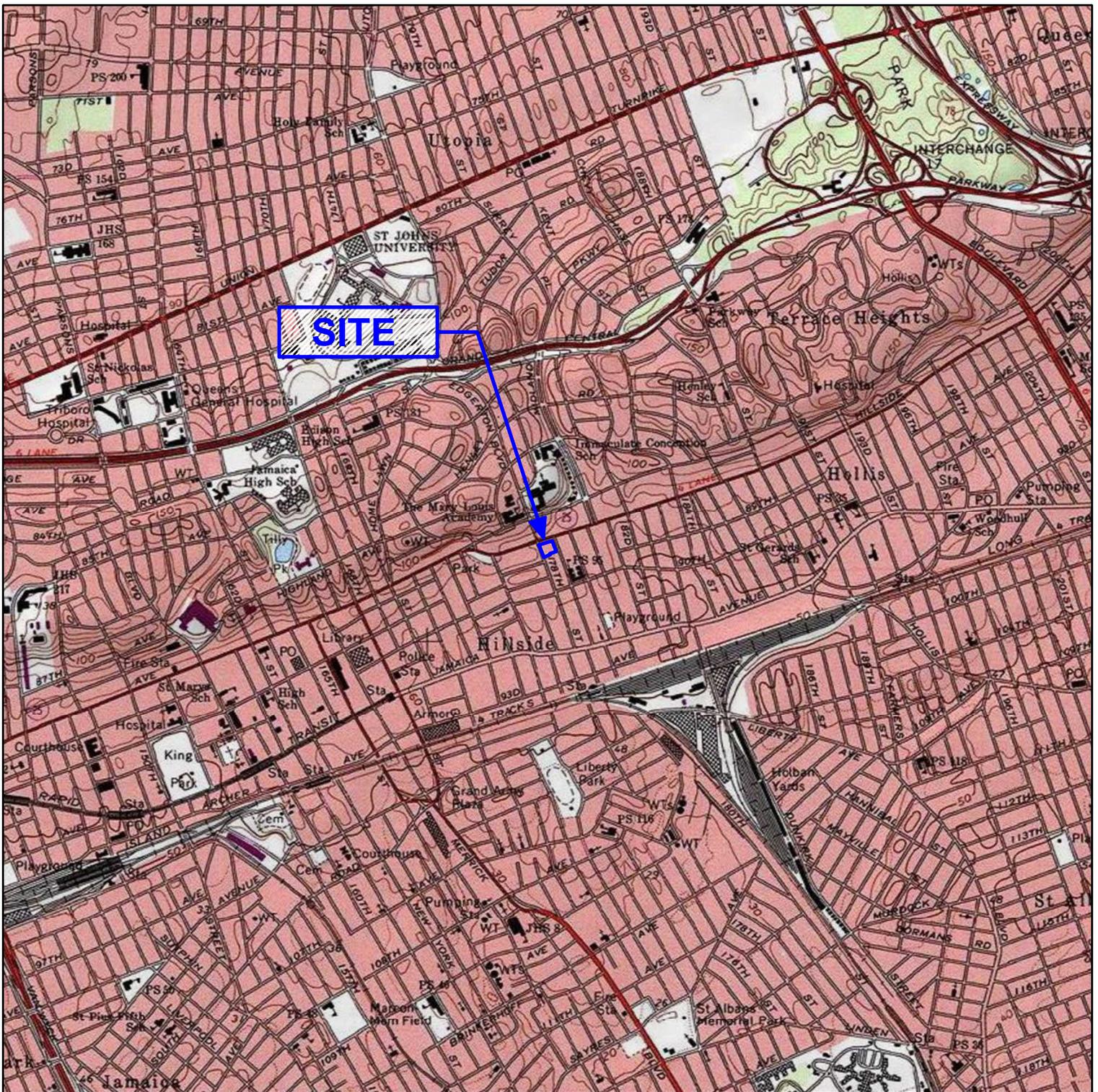
5.5 Prior Activity

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

5.6 Impediments to Remedial Action

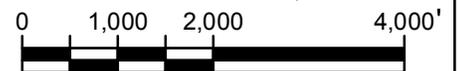
There are no known impediments to remedial action at this property.

FIGURES



SOURCE: USA TOPO MAPS - COPYRIGHT © 2013 NATIONAL GEOGRAPHIC SOCIETY, i-cubed.
 JAMAICA, NEW YORK 7.5-MINUTE QUADRANGLE.

SCALE: 1" = 2,000'



131 Varick St. Suite 1022
 New York, NY 10013
 Phone: 212-255-0374
 Fax: 212-242-3897
 www.libertyenviro.com

Figure 1 - Site Location Map

178-02 Hillside Avenue
 Borough of Queens, City of New York, New York

PROJECT NO.: 140219

REV: 0

PREPARED BY: EMC

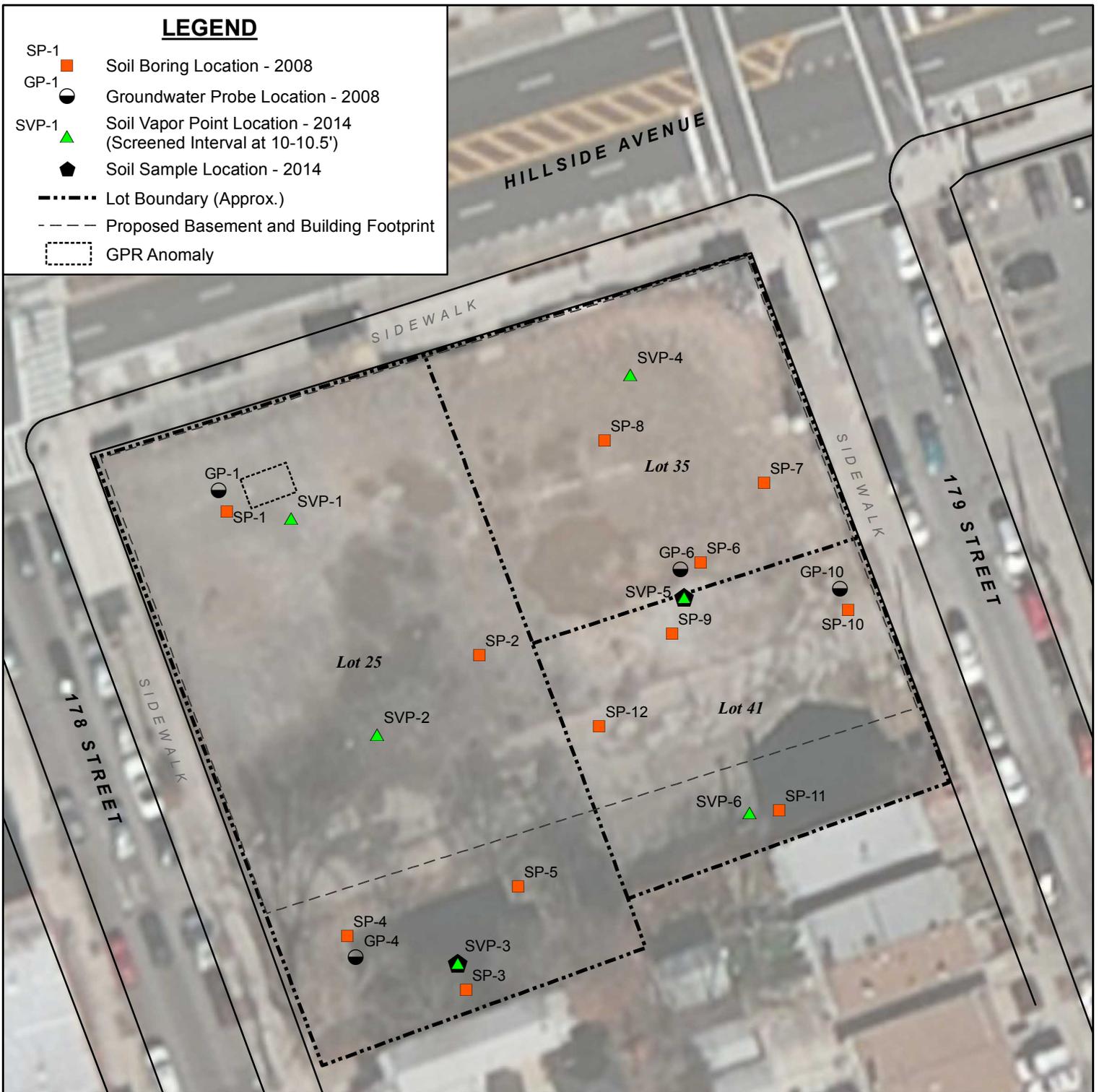
DATE: JULY 30, 2014

SCALE: 1" = 2,000'

APPROVED BY: JPC

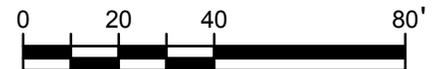
LEGEND

- SP-1  Soil Boring Location - 2008
- GP-1  Groundwater Probe Location - 2008
- SVP-1  Soil Vapor Point Location - 2014
(Screened Interval at 10-10.5')
-  Soil Sample Location - 2014
-  Lot Boundary (Approx.)
-  Proposed Basement and Building Footprint
-  GPR Anomaly



NOTE: THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION.
 NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN.
AERIAL IMAGERY: ESRI, MICROSOFT, US-NY-NEW YORK. AERIAL PHOTO DATE: MARCH 26, 2011.

SCALE: 1" = 40'



131 Varick St. Suite 1022
 New York, NY 10013
 Phone: 212-255-0374
 Fax: 212-242-3897
 www.libertyenviro.com

Figure 2 - Site Diagram

178-02 Hillside Avenue
 Borough of Queens, City of New York, New York

PROJECT NO.: 140219

REV: 1

PREPARED BY: EMC

DATE: JANUARY 29, 2015

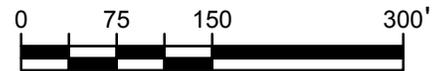
SCALE: 1" = 40'

APPROVED BY: JPC



IMAGERY SOURCE: U.S. GEOLOGICAL SURVEY, IMAGERY DATE: MARCH 2012.

SCALE: 1" = 150'



131 Varick St. Suite 1022
 New York, NY 10013
 Phone: 212-255-0374
 Fax: 212-242-3897
 www.libertyenviro.com

Figure 3 - Area Map

178-02 Hillside Avenue
 Borough of Queens, City of New York, New York

PROJECT NO.: 140219

REV: 0

PREPARED BY: EMC

DATE: JULY 30, 2014

SCALE: 1" = 150'

APPROVED BY: JPC

TABLES

Table 1
Soil Analytical Data Summary - Metals, PCBs, and SVOCs
 178-02 Hillside Avenue, Queens, New York
 Liberty Project No. 140219

178-02 Hillside Avenue Queens, New York																															
Compound	CAS #	SOIL Sample Identification (Sample Depth [feet])																													
		Unrestricted ¹	Restricted-Residential ²	SP-1 (0-2')	SP-1 (14-16')	SP-2 (0-2')	SP-2 (14-17')	SP-3 (0-2')	SP-3 (14-16')	SP-4 (0-2')	SP-4 (12-15 1/2')	SP-5 (0-2')	SP-5 (14-16')	SP-6 (0-2')	SP-6 (14-17')	SP-7 (10-12')	SP-7 (14-17')	SP-8 (10-12')	SP-8 (14-17')	SP-9 (0-2')	SP-9 (15-17')	SP-10 (0-2')	SP-10 (14-16')	SP-11 (0-2')	SP-11 (15-17')	SP-12 (0-2')	SP-12 (14-16')	SVP 3-4/5	SVP 5-3/5		
		Date Collected		5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	6/9/2014	6/9/2014	
Metals																															
Metals in mg/kg																															
Aluminum	7429-90-5	NS	NS	6,700	6,680	13,500	4,800	3,340	4,410	13,800	5,080	12,700	2,370	6,560	3,900	6,810	9,140	5,500	6,180	6,280	6,900	8,690	7,100	7,500	6,820	8,990	4,230	--	--		
Antimony	7440-36-0	NS	NS	1.75	1.37	2.38	1.45	3.88	1.75	2.59	ND	2.75	ND	1.59	1.38	ND	ND	ND	1.36	1.71	1.58	1.22	1.44	1.15	1.49	1.54	--	--			
Arsenic	7440-39-3	13	16	5.63	2.98	4.86	2.49	11	2.05	6.96	2.18	4.34	1.04	2.14	1.99	1.98	2.48	2.34	2.1	2.36	5.19	2.81	3.95	2.36	6.18	3.1	1.8	1.5			
Barium	7440-39-3	350	400	65.1	41.6	48.1	33.2	46	33.1	110	31.8	37.7	29.6	41	31.2	62.4	147	35.2	41.8	57.7	79.1	67.4	57.9	36.9	43	80.3	36.8	22.1	34.4		
Beryllium	7440-41-7	7.2	72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Cadmium	7440-43-9	2.5	4.3	0.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND		
Calcium	7440-70-2	NS	NS	6,710	1460	781	6,690	7,380	8,020	2,960	2,770	391	391	3,690	635	16,100	2,130	1,130	9,260	14,300	18,900	13,700	4,910	8,010	6,140	18,600	559	--	--		
Chromium, hexavalent	18540-29-9	1	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chromium, trivalent	16065-83-1	30	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.8	27.7		
Total Chromium	7440-47-3	NS	NS	16.7	21.8	22.1	17.8	11.9	11.8	19.4	13.3	22.9	4.84	12.5	13.9	18.9	15.5	19.6	37.8	15.7	34.6	17.9	16.7	14.9	26.2	13.1	28	--	--		
Cobalt	7440-48-4	NS	NS	7.52	7.92	7.44	6.24	4.9	5.76	6.5	5.96	3.31	3.31	8.67	5.31	7.55	8.7	8.63	6.37	7.5	7.3	7.56	6.01	7.22	6.52	7.63	11.7	--	--		
Copper	7440-50-8	50	270	38.8	33.5	17	21	28.6	18.9	21.8	17.7	20.8	12.8	26.4	14	29.8	42.2	24.8	24.5	23.9	28.4	35.5	26.4	29.4	31.8	25.1	13.8	31.3			
Total Cyanide	57-12-5	27	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Iron	7439-89-6	NS	NS	13,700	14,600	16,200	11,100	11,600	10,200	16,500	9,230	6,230	6,230	15,700	11,300	15,100	15,600	18,500	15,900	14,600	15,000	19,400	14,100	13,000	14,100	15,300	20,700	--	--		
Lead	7439-92-1	63	400	112	13	13	27.7	57.3	7.15	84.8	5.79	11.1	4.61	11.4	4.08	19.9	2.76	4.56	4.21	5.8	9.76	73.3	17.9	12.9	6.47	94.1	4.7	ND	ND		
Magnesium	7439-95-4	NS	NS	2,890	2,400	2,490	3,790	1,560	1,870	1,470	1,470	794	794	2,290	1,260	3,690	4,660	1,720	2,520	2,170	3,210	2,680	2,060	2,830	2,940	3,130	1,310	--	--		
Manganese	7439-96-5	1,600	2,000	277	378	237	242	132	277	506	220	218	189	510	305	307	222	441	334	652	561	352	323	239	288	300	386	292	310		
Total Mercury	7439-97-6	0.18	0.81	ND	ND	ND	ND	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Nickel	7440-02-0	30	310	21.9	22.4	11.6	17.7	11	15	12.7	13.6	14.2	9.75	15.1	14.4	25.1	10.9	15.1	17	18.3	19.4	15.4	17.3	18.7	16.9	15.8	15.8	25.9			
Potassium	7440-09-07	NS	NS	462	644	476	464	528	449	502	502	358	358	542	410	1180	2,730	7470	1030	929	1040	605	663	636	689	597	350	--	--		
Selenium	7782-49-2	3.9	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Silver	7440-22-4	2	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Sodium	7440-23-5	NS	NS	198	165	44.1	143	92.1	88.6	107	107	20.7	20.7	79	61.3	160	98.2	92	174	100	265	156	168	151	302	125	14.1	--	--		
Thallium	7440-28-0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vanadium	7440-62-2	NS	NS	24.1	21.1	32.6	14.8	14.9	17.3	16.8	6.93	6.93	22	17.7	25.1	26	37.5	27.1	20.2	24	27.6	22.4	25.8	22.3	26.3	54.3	--	--			
Zinc	7440-66-6	109	10,000	87	35.4	36.4	57.4	96.2	24.7	60.4	20.7	29.8	13.7	31.8	21.9	35.6	39.4	30.1	58.7	29.7	30.5	117	64	32.2	26.4	87.9	24.1	13.4	20.3		
PCBs																															
PCBs in mg/kg																															
Aroclor 1016	12674-11-2	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1221	11104-28-2	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1232	11141-16-5	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1242	53469-21-9	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1248	12672-29-6	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Aroclor 1254	11097-69-1	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.052	0.049	ND	ND	0.029	ND	ND	ND	ND	ND	
Aroclor 1260	11096-82-5	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	
PCBs	1336-36-3	0.1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Semivolatiles																															
Semivolatiles in ug/kg																															
2-Methylnaphthalene	91-57-6	NS	NS	ND	ND	ND	ND	ND	ND	ND	54,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acenaphthene	83-32-9	20,000	100,000	ND	ND	ND	ND	220	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acenaphthylene	208-96-8	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	120-12-7	100,000	100,000	ND	ND	ND	ND	2,600	ND	ND	7,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	ND	210	ND	210	ND	ND	
Benzo(a)anthracene	56-55-3	1,000	1,000	170	ND	ND	ND	1,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	ND	ND	ND	ND	ND	ND	
Benzo(a)pyrene	50-32-8	1,000	1,000	310	ND	ND	ND	1,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	310	ND	ND	400	ND	ND	ND	ND	
Benzo(b)fluoranthene	205-99-2	1,000	1,000	340	ND	ND	ND	2,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	380	ND	ND	450	ND	ND	ND	ND	
Benzo(g,h)perylene	191-24-2	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	207-08-9																														

Table 1
Soil Analytical Data Summary - Pesticides and VOCs
 178-02 Hillside Avenue, Queens, New York
 Liberty Project No. 140219

178-02 Hillside Avenue
Queens, New York

		SOIL																										
Compound	CAS #	Sample Identification (Sample Depth (feet))																										
		Unrestricted ¹	Restricted-Residential ²	SP-1 (0-2')	SP-1 (14-16')	SP-2 (0-2')	SP-2 (14-17')	SP-3 (0-2')	SP-3 (14-16')	SP-4 (0-2')	SP-4 (12-15 1/2')	SP-5 (0-2')	SP-5 (14-16')	SP-6 (0-2')	SP-6 (14-17')	SP-7 (10-12')	SP-7(14-17')	SP-8 (10-12')	SP-8 (14-17')	SP-9 (0-2')	SP-9 (15-17')	SP-10 (0-2')	SP-10 (14-16')	SP-11 (0-2')	SP-11 (15-17')	SP-12 (0-2')	SP-12 (14-16')	
		Date Collected	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/22/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008
Pesticides		Pesticides in ug/kg																										
2,4,5-TP Acid (Silvex)	92-72-1	3,800	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDE	72-55-9	3.3	8,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDT	50-29-3	3.3	7,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDD	72-54-8	3.3	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	309-00-2	5	97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	319-84-6	20	480	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	319-85-7	36	360	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane (alpha)	5103-71-9	94	4,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	319-86-8	40	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	60-57-1	5	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	959-98-8	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	33213-65-9	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	1031-07-8	2,400	24,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	72-20-8	14	11,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	76-44-8	42	2,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.5	19.4	18.5	19.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	132-64-9	7,000	59,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lindane	58-89-9	100	1,300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatiles		Volatiles in ug/kg																										
1,1,1-Trichloroethane	71-55-6	680	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	270	26,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	330	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	1,100	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	20	3,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	250	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethane	156-60-5	190	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2,400	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	1,800	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	123-91-1	100	13,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	67-64-1	50	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	71-43-2	60	4,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzene	104-51-8	12,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	56-23-5	760	2,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	1,100	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	370	49,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100-41-4	1,000	41,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	118-74-1	330 ²	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone	78-93-3	120	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	1634-04-4	930	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	75-09-2	50	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	103-65-1	3,900	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	135-98-8	11,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	98-06-6	5,900	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	127-18-4	1,300	19,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	108-88-3	700	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	470	21,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	95-63-6	3,600	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	108-67-8	8,400	52,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	75-01-4	20	900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (mixed)	1330-20-7	260	100,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
 1. Standards obtained from Table 375-6.8(a): Unrestricted Use Soil Cleanup Objectives for soils in a residential use setting, as set forth in subparagraph 375-1.8(g)(1)(i).
 2. Standards obtained from Table 375-6.8(b): Restricted Use Soil Cleanup Objectives for soils in a restricted-residential use setting, as set forth in subparagraph 375-1.8(g)(2)(ii).
 ND = that the compound was not detected above the listed analytical quantitation limit.
 Yellow shading denotes exceedance of Restricted Residential Use Standard.
 Bold type denotes exceedance of Unrestricted Use Standard

Table 2 Groundwater Analytical Data Summary

**Table 4A Water Organic Analytical Results from Hydro Tech Environmental Subsurface Investigation
178-02 Hillside Avenue, Queens, New York
Liberty Project No. 140219**

Sample Identification	1	2	NYSDEC TOGS 1.1.1 Groundwater Quality Standard
Boring Number	GP-1	GP-4	
Sample Date	5/28/2008	5/27/2008	
Sample Matrix	Water	Water	
Units	ug/L	ug/L	
Volatile Organic Compounds			
Chloroform	ND	6	7
Semivolatile Organic Compounds			
ND			
Pesticides			
ND			
PCBs			
ND			

NS...No Standard

ug/L...micrograms per Liter

ND...not detected

Shaded values represent concentration exceeding the GQS

This Table Lists Only Compounds Detected At Concentrations Exceeding Their Respective Method Detection Limi

Table 2 Groundwater Analytical Data Summary

**Table 4B Water Inorganic Analytical Results from Hydro Tech Environmental Subsurface Investigation
178-02 Hillside Avenue, Queens, New York
Liberty Project No. 140219**

Sample Identification	1	2	NYSDEC TOGS
Boring Number	GP-4	GP-1	1.1.1
Sample Date	5/28/2008	5/27/2008	Groundwater Quality Standard
Sample Matrix	Water Metals	Water Metals	
Units	ug/L	ug/L	
Aluminum	7,160	54,100	2,000
Antimony	10.7	114	6
Arsenic	74.9	22.9	50
Barium	328	1,260	2,000
Cadmium	ND	19.9	10
Calcium	62,100	155,000	NS
Chromium	447	5,010	100
Cobalt	79	ND	NS
Copper	2,180	5,470	NS
Iron	75,900	552,000	600
Lead	70.8	217	35,000
Magnesium	21,700	41,000	35,000
Manganese	4,460	14,700	NS
Mercury	ND	0.0003	1.4
Nickel	1,280	3,700	200
Potassium	7,840	39,600	NS
Silver	6.8	85.4	100
Sodium	163,000	159,000	SB
Vanadium	13.7	117	NS
Zinc	52,400	80,100	5,000

NS...No Standard

ug/L...micrograms per Liter

ND...not detected

Shaded values represent concentration exceeding the GQS

This Table Lists Only Compounds Detected At Concentrations Exceeding Their Respective Method Detect

Table 3
Soil Vapor Analytical Data Summary
 178-02 Hillside Avenue, Queens, New York
 Liberty Project No. 140219

Sample Identification			SVP-1	SVP-2	SVP-3A	SVP-4	SVP-5	SVP-6	Duplicate
Date			6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014
Compound	CAS #	NYSDOH Air Guideline Values	Volatile Organic Compounds (in µg/m ³)						
Acetone	67-64-1	NS	240	250	120	280	250	160	120
Benzene	71-43-2	NS	ND	ND	2.7	ND	ND	3.7	2.7
Bromodichloromethane	75-27-4	NS	ND	ND	ND	ND	ND	ND	ND
Bromoform	75-25-2	NS	ND	ND	ND	ND	ND	ND	ND
Bromomethane	74-83-9	NS	ND	ND	ND	ND	ND	ND	ND
2-Butanone	78-93-3	NS	21	15	8.6	17	18	19	9.8
Carbon disulfide	75-15-0	NS	ND	ND	2.9	16	4.6	15	3.3
Carbon Tetrachloride	56-23-5	5	ND	1.1	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	NS	ND	ND	ND	ND	ND	ND	ND
Chloroethane	75-00-3	NS	ND	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	NS	7.6	ND	ND	12	ND	ND	ND
Chloromethane	74-87-3	NS	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	NS	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10061-01-5	NS	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	124-48-1	NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	NS	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	NS	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	95-50-1	NS	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-35-4	NS	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-34-3	NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	106-93-4	NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	NS	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	78-87-5	NS	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100-41-4	NS	15	11	9.8	14	12	12	10
2 Hexanone	591-78-6	NS	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	1634-04-4	NS	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	108-10-1	NS	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	75-09-2	NS	ND	ND	ND	ND	ND	ND	ND
Styrene	100-42-5	NS	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	127-18-4	100	15	17	6.4	11	17	7.9	6.6
Toluene	108-88-3	NS	65	52	44	51	55	40	48
Total Xylenes	1330-20-7	NS	93	70	57	85	74	67	59
trans-1,2-Dichloroethene	156-60-5	NS	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10061-02-6	NS	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	5	0.88	ND	ND	0.81	ND	1.2	ND
Trichlorofluoromethane	75-69-4	NS	88	110	4.9	580	280	ND	4.8
1,1,2,2-Tetrachloroethane	79-34-5	NS	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	100	6.4	6.4	4.0	7.4	7.6	5.5	4.5
1,1,2-Trichloroethane	79-00-5	NS	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	NS	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	108-05-4	NS	ND	ND	ND	ND	ND	ND	ND

Notes:

1. Values derived from Table 3.3 volatile chemicals and their decision matrices from the NYSDOH Soil Vapor Intrusion Guidance.

Values in bold and yellow shading exceed applicable air criteria set forth in the NYSDOH Soil Vapor Intrusion Guidance

ND = Non-Detect

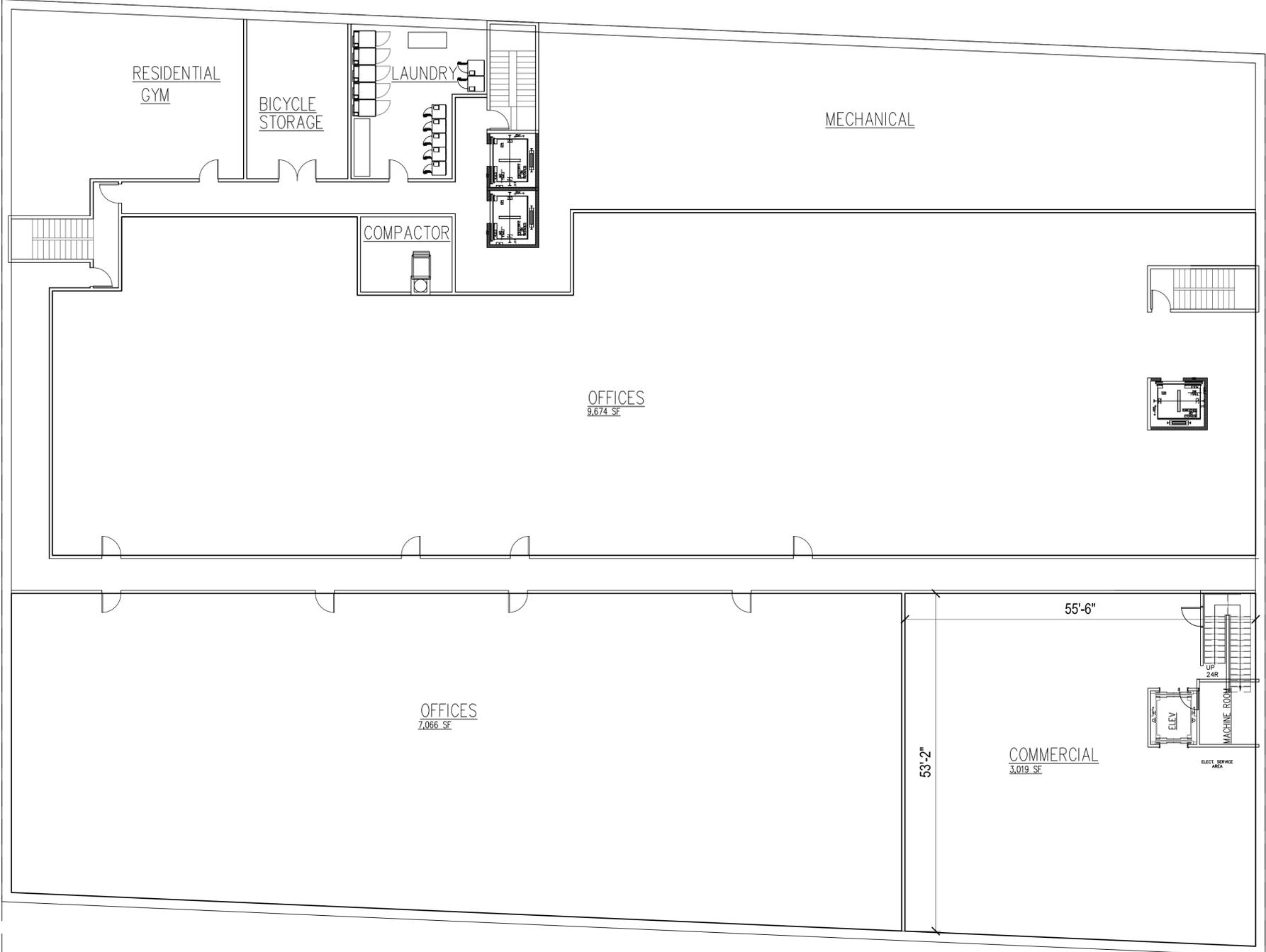
NS = No Standard

**APPENDIX A
PROPOSED REDEVELOPMENT PLANS**

HILLSIDE AVENUE

178 ST

179 ST



SK - CELLAR FLOOR PLAN

**APPENDIX B
PREVIOUS REPORTS**

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Vacant Lot
178-02, 20, and 36 Hillside Avenue
Jamaica, Queens, New York 11432
CBRE, Inc. Project No. 14-460TX-0646



CBRE



PHASE I ENVIRONMENTAL SITE ASSESSMENT

Vacant Lot
178-02, 20, and 36 Hillside Avenue
Jamaica, Queens, NY 11432

Prepared For:
Piermont Properties
865 Merrick Avenue, Suite 50N
Westbury, New York 11590

Prepared By:
CBRE, Inc.
2700 Post Oak Boulevard, Suite 250
Houston, TX 77056

CBRE Contact:
Aaron Klenke
713-840-6641
aaron.klenke@cbre.com

CBRE Project No.: 14-460TX-0646
Property Reconnaissance Date: April 29, 2014
Report Date: May 15, 2014



May 15, 2014

Mr. Michael I. Grey
Managing Partner
Piermont Properties
865 Merrick Avenue, Suite 50N
Westbury, New York 11590

RE: Phase I Environmental Site Assessment of
Vacant Land
178-20, 20, 28 Hillside Avenue
Jamaica, Queens, New York 11432
CBRE Project No.: 14-460TX-0646

Dear Mr. Grey:

CBRE, Inc. (CBRE) has completed a Phase I Environmental Site Assessment (ESA) of the above-referenced property. The ESA was conducted in accordance with the ASTM International (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E1527-13 (the Standard), the All Appropriate Inquiries (AAI) Rule 40 CFR Part 312, CBRE's letter of engagement, and generally accepted industry standards.

This report was prepared solely for the use of Piermont Properties (hereinafter "Client" or "User") and any party specifically referenced in Section 1.6 - User Reliance. No other party shall use or rely on this report or the findings herein, without the prior written consent of CBRE.

Sincerely,

CBRE, INC.

DRAFT

Aaron Klenke
Project Manager

PHASE I ENVIRONMENTAL SITE ASSESSMENT SUMMARY						
VACANT LOT						
178-02, 20, AND 36 HILLSIDE AVENUE						
JAMAICA, QUEENS, NEW YORK 11432						
CBRE PROJECT NO.: 14-460TX-0646						
REPORT SECTION	NFA	REC	CREC	HREC	BER	COMMENT
5.	Records Review					X The E-Designation status of the Property should be confirmed.
6.	Property History		X			An uninvestigated magnetic anomaly was identified on the Property for which additional action is warranted.
7.2	Hazardous Substances/ Petroleum Products	X				
7.2	Storage Tanks	X				
7.2	PCBs	X				
7.2	Other Visual Observations	X				
8.1	Asbestos-Containing Materials	X				
8.2	Radon	X				
8.3	Lead-Based Paint	X				
8.4	Drinking Water	X				
8.5	Mold/Water Intrusion	X				
8.6	Flood Zones/Wetlands	X				

NFA – No Further Action

REC – Recognized Environmental Condition

CREC – Controlled Recognized Environmental Condition

HREC – Historical Recognized Environmental Condition

BER – Business Environmental Risk

TABLE OF CONTENTS

EXECUTIVE SUMMARY 1

1. INTRODUCTION 4

 1.1. Purpose..... 4

 1.2. Scope of Services..... 5

 1.3. Significant Assumptions 6

 1.4. Limitations and Exceptions 7

 1.5. Special Terms and Conditions..... 8

 1.6. User Reliance 8

2. GENERAL PROPERTY DESCRIPTION..... 9

 2.1. Location and Legal Description 9

 2.2. Site and Vicinity General Characteristics 9

 2.3. Current Uses of the Property 11

 2.4. Description of Property Improvements..... 11

 2.5. Current Uses of Adjoining Properties 12

3. USER PROVIDED INFORMATION 13

 3.1. Title Records..... 13

 3.2. Environmental Liens and Activity and Use Limitations 13

 3.3. Specialized Knowledge..... 13

 3.4. Commonly Known or Reasonable Ascertainable Information 13

 3.5. Valuation Reduction for Environmental Issues..... 14

 3.6. Reason for Performing the Phase I ESA..... 14

4. INTERVIEWS/MUNICIPAL INFORMATION..... 15

 4.1. Property Owner, Operator, and/or Escort..... 15

 4.2. Local Government Officials 15

 4.3. Other Contacts..... 17

5. RECORDS REVIEW..... 18

 5.1. Environmental Record Sources 18

 5.2. Records Review Summary 26

6.	HISTORICAL USE INFORMATION.....	27
6.1.	<i>Aerial Photographs</i>	27
6.2.	<i>Fire Insurance Maps</i>	29
6.3.	<i>Property Tax Files</i>	31
6.4.	<i>Recorded Land Title Records</i>	32
6.5.	<i>USGS Topographic Map</i>	33
6.6.	<i>Local Street Directories</i>	33
6.7.	<i>Building Department Records</i>	37
6.8.	<i>Zoning/Land Use Records</i>	37
6.9.	<i>Previous Assessments</i>	37
6.10.	<i>Other Historical Sources</i>	43
6.11.	<i>Data Gaps</i>	43
6.12.	<i>Prior Use History Summary</i>	43
7.	PROPERTY RECONNAISSANCE.....	47
7.1.	<i>Methodology and Limiting Conditions</i>	47
7.2.	<i>Visual Observations</i>	47
7.3.	<i>Visual Observation Summary</i>	49
8.	ASTM NON-SCOPE CONSIDERATIONS.....	50
8.1.	<i>Asbestos</i>	50
8.2.	<i>Radon</i>	50
8.3.	<i>Lead-Based Paint</i>	51
8.4.	<i>Drinking Water</i>	51
8.5.	<i>Microbial Contamination</i>	52
8.6.	<i>Flood Plains and Wetlands</i>	52
9.	FINDINGS, OPINIONS AND CONCLUSIONS.....	53
10.	RECOMMENDATIONS.....	55
11.	DEVIATIONS AND ADDITIONAL SERVICES.....	56
12.	WRITTEN DECLARATION OF ENVIRONMENTAL PROFESSIONAL.....	57

APPENDICES

APPENDIX 1.....	Topographic Map and Property Diagram
APPENDIX 2.....	Photographs
APPENDIX 3.....	Supporting Documentation
APPENDIX 4.....	Regulatory Records
APPENDIX 5.....	Historical Documentation
APPENDIX 6.....	Previous Reports
APPENDIX 7.....	Personnel Qualifications

EXECUTIVE SUMMARY

Property Name: Vacant Lot
Property Address: 178-02, 20, and 36 Hillside Avenue
Jamaica, Queens, New York 11432

At the request of the Client, CBRE has performed a Phase I Environmental Site Assessment (ESA) of the above-referenced Property. The ESA was conducted in accordance with ASTM Standard Practice E1527-13. At the request of Client, this ESA also includes a preliminary evaluation of certain ASTM non-scope considerations.

The Property consists of an irregular-shaped parcel of land totaling 0.81 acre consisting of three lots identified as Block 9913, Lots 25, 35, and 41. The Property consists of a vacant lot that is partially asphalt-paved. Cast in-place concrete sidewalks bound the Property to the west, north, and east. At the time of the inspection, the Property operated as a commercial parking lot operation.

A Topographic Map and Property Diagram are provided in [Appendix 1](#) of this report. Photographs of the Property are provided in [Appendix 2](#).

Findings, Opinions and Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of 178-02, 20, and 36 Hillside Avenue, Jamaica, New York, the Property. Any exceptions to, or deletions from, this practice are described in Section 11 of this report. This assessment has revealed no evidence of RECs in connection with the Property except for the following:

- Based on review of prior environmental reports prepared for the Property (see Section 6.9), a magnetic anomaly was identified within the northwestern portion of the Property for which no explanation has been identified. The description of the anomaly appears consistent with a small underground storage tank (UST). The historic data review conducted for this assessment did not indicate the presence of historic structures within this portion of the Property. CBRE identified no indications that excavation activities were conducted proximal to the identified anomaly; however, the soil sampling conducted proximal to the anomaly did not identify any impacts at this location that would be attributed to a UST containing petroleum products. The identified, uninvestigated anomaly is identified as a REC for this assessment.

An historical recognized environmental condition (HREC) refers to an environmental condition which would have been considered a REC in the past, but which is no longer considered a REC based on subsequent assessment and/or remediation of any contaminants to below the most restrictive (generally residential) cleanup target concentrations or regulatory closure with no formal or implied restricted uses. CBRE did not identify HRECs in connection with the Property.

No significant data gaps were identified that would affect the ability of the environmental professional to identify RECs at the Property.

The ASTM Standard was designed solely to meet the requirements of the USEPA's All Appropriate Inquiries (AAI) to permit the potential purchaser to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability, but recognizes that a User may choose to evaluate other business environmental risks (BERs). The investigation has revealed no BERs associated with the standard ASTM scope considerations, with the exception of the following:

- The Property, as Block 9913, Lots 25, 35, and 41 was identified on E-Designation database as being within the E-175 designated area effective September 10, 2000. The Property is reported to be subject to the "hazmat", air quality, and "noise attenuation" requirements. CBRE contacted the Mayor's Office of Environmental Remediation (OER) to inquire as the regulatory status of the E-Designation identified for the Property. CBRE was informed that a site specific case manager has not been assigned a case manager. Based on these data, it is presumed that the New York City Department of City Planning (NYCDCP) has not provided oversight of the environmental investigations conducted at the Property to date. The identification of the Property as an E-Designated property is considered a BER for this assessment.

At the request of Client, CBRE conducted a preliminary evaluation for asbestos-containing material (ACM), radon, lead-based paint (LBP), drinking water quality, mold, floodplains and wetland which are ASTM Non-Scope Considerations. This investigation has revealed no concerns relating to these ASTM Non-Scope Considerations in connection with the Property.

Recommendations

CBRE recommends that the current status of the E-Designation for the Property be determined. If not previously conducted, the site investigation activities conducted to date should be summarized and submitted for review by the New York City Department of Environmental Protection (NYCDEP). The limited soil and groundwater impacts, discussed in Section 6.9, and the identified, uninvestigated magnetic anomaly should be handled in accordance with the directives from the NYCDEP.

CBRE recognizes that there may be various options for dealing with the concerns identified. The options provided by CBRE are not necessarily the only acceptable alternatives for dealing with a particular concern. Factors such as planned changes to property use, planned renovations, capital

restraints or other variables may change what would be considered the most appropriate or prudent alternative. CBRE provides these options solely as guidance for further action.

1. INTRODUCTION

1.1. Purpose

CBRE was retained to conduct this ESA of the Property to assist a prospective purchaser in conducting their pre-acquisition due diligence. The ESA was designed to provide the potential purchaser of the Property an objective, professional opinion of environmental risks, if any, associated with the Property through the identification of RECs, CRECs, and HRECs to the extent feasible pursuant to the process prescribed in the Standard.

The term REC is defined in the Standard as “as the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to a 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. De minimis conditions are not recognized environmental conditions.”

A REC resulting from a past release that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of formal or implied controls, is considered a Controlled Recognized Environmental Condition (CREC).

A past release of any hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority or meets an unrestricted use criteria established by a regulatory authority that does not subject the property to any formal or implied controls, is considered an HREC. While HRECs will be identified in this report, HRECs generally do not require additional investigation or action.

The ASTM Standard recognizes that there may be environmental issues or conditions at a property that parties may wish to consider, such as the presence of ACM, LBP or radon. This assessment was designed to address these other business environmental risk (BER).

This ESA is intended to permit the potential purchaser to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the “landowner liability protections,” or “LLPs”): that is, the practice that constitutes “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined at 42 U.S.C. §9601(35) (B). It is still the purchaser’s responsibility to perform all other requirements to qualify for LLPs.

1.2. Scope of Services

This ESA was conducted in accordance with ASTM *Standard Guide for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E1527-13 (Standard), the All Appropriate Inquiry (AAI) Rule 40 CFR Part 312, and any additional requirements of Client. While the AAI rule still references the E1527-05 as demonstrating compliance with AAI, the USEPA's position is that the revised standard includes improvements to the previous standard and its use will provide greater clarity with regard to potential contamination at a property; therefore the USEPA recommends that environmental professionals and prospective purchasers use E1527-13 standard.

The scope of services for this assessment included an evaluation of the following:

- Physical characteristics of the Property based on a review of referenced sources such as topographic maps and available geologic, soils and hydrologic reports
- Information of properties, with the specified minimum search distances from the Property, available in the agency databases specified in Section 8.2.1 of the ASTM Standard and in local environmental records
- Current and past uses of the Property and surrounding area through an evaluation of historical sources specified in Section 8.3.4 of the ASTM Standard, such as aerial photographs, fire insurance maps, city directories, interviews and prior reports.
- Current Property conditions based on visual observations during the Property reconnaissance and interviews with individuals familiar with current and past operations

The ASTM Standard recognizes that there may be environmental issues or conditions at a property that parties may wish to consider. These are considered ASTM Non-Scope Considerations. At the request of the Client, the scope of services for this assessment included the following:

- Asbestos Containing Material (ACM) Screening, consisting of a review of available analytical data, the age of the improvements, dates of renovation, and other relevant information. The level of this preliminary assessment was not intended to comply with the survey requirements of the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763, National Emission Standard for Hazardous Air Pollutants (NESHAP) 40 CFR 61; the General Duty Clause, 29 USC 654, Section 5; or other federal, state or local regulation.
- Radon Screening, based on available analytical results, published regional average levels, the usage of the buildings, and the type of construction and mechanical systems present.

This evaluation was not designed or intended to comply with any regulatory agency requirements. Sampling, if any, was conducted using short-term radon detectors. The results of such testing are intended solely as a screen and may not be indicative of long-term average radon levels.

- Lead-Based Paint (LBP) Screening based on available analytical data, the age of the improvements, dates of renovation, and the current and proposed usage of the property. This evaluation was not designed or intended to comply with survey requirements outlined in Housing and Urban Development (HUD) regulations or other federal, state or local regulation.
- Lead in Drinking Water Evaluation based on available analytical data, a determination of the source of the drinking water supply and a review of publically available compliance data reports.
- Water Intrusion/Water and Mold Impacted Building Materials Screening based on visual observations for signs of water intrusion, water damage, and suspect mold growth and interviews with property representatives. These observations were limited to the areas walked and should not be considered a comprehensive survey of the Property. A finding in this report that “mold is not a significant concern” or “no significant mold was identified” should not be interpreted as the building is free of mold.
- Flood Plains and Wetlands Evaluation based solely on a review of available Federal Emergency Management Association (FEMA) Flood Insurance Rate Maps (FIRM) or equivalent, wetland maps and visual observations. This assessment is not intended to be a formal flood plain determination or wetland delineation, and no warranty is made thereof.

1.3. Significant Assumptions

- CBRE assumes the Property has been correctly and accurately identified by the User, designated representative of the User, property contact, property owner, and property owner’s representatives.
- CBRE assumes that the User and any of its designated representatives, including but not limited to, property contacts, property escorts, and property brokers, used good faith in answering questions about and in obtaining information for the Property.
- Groundwater flow and depth to groundwater, unless otherwise specified by on-site well data, or well data from adjacent sites, are assumed based on contours depicted on the United States Geological Survey topographic maps.

1.4. Limitations and Exceptions

- The scope of work completed was designed solely to meet the needs of CBRE's Client. CBRE shall not be liable for any unintended usage of this report by another party. In addition, based on the ASTM guidelines, the ESA is only valid if completed within 180 days of an acquisition or the transaction necessitating the ESA.
- No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. This ESA was designed to reduce, but not eliminate the potential for RECs at the property, within reasonable limits of time and cost. The ESA is not intended to be exhaustive or all inclusive and does not represent a guarantee of the identification of all possible environmental risk.
- An ESA is intended to be a non-intrusive investigation and generally does not include sampling or testing of air, soil, water, or building materials. No destructive testing was completed, and concealed areas, such as behind walls or within machinery, were not accessed. Any testing, including that for ACM, LBP and radon, is designed solely to meet the needs of the ESA, not to meet any local, state or federal regulations and should not be utilized as such. Any test results obtained are for the personal use of the Client only and are not intended for submittal to any regulatory agency.
- Information in this report is based on personal interviews, government records, published resources, and various historical documents. Accuracy and completeness of information varies among information sources and is often inaccurate or incomplete. The information utilized in this ESA is from sources deemed to be reliable; however, no representation or warranty is made as to the accuracy thereof. CBRE will have no on-going obligation to obtain and include information that was not reasonably ascertainable, practically reviewable, or provided to CBRE in a reasonable timeframe to formulate an opinion and complete the assessment by the agreed upon due date.
- Unless specifically identified in the scope of work, the ESA excludes ASTM Non-Scope Considerations.
- The ESA includes some information that may be relevant to regulatory compliance, but is not intended and shall not be construed as a compliance audit and cannot be considered a verification of regulatory compliance. While the general environmental setting of the property is described, this assessment is not intended to be a formal flood plain or wetland determination, and no warranty is made thereof. Depending on its past, present or future intended use, the property under review may or may not be subject to regulation and permitting under environmental and health and safety laws, such as, but not limited to, the Clean Air Act, the Clean Water Act, the Solid Waste Disposal Act, the Occupational Safety

- and Health Act, and other federal, state and local regulations. CBRE assumes no responsibility or liability respecting regulatory permitting or compliance issues.
- Client is advised that if the ESA is obtained with the intent of qualifying the purchaser as an innocent landowner, contiguous property owner, or bona fide prospective purchaser under CERCLA, there will be continuing obligations of due care and responsiveness and additional legal requirements that likely apply to such status. CBRE accepts and undertakes no responsibility as to such requirements and advises that counsel be separately consulted with respect to such requirements.

1.5. Special Terms and Conditions

There are no special terms and conditions associated with the assignment.

1.6. User Reliance

This investigation was conducted on behalf of and for the exclusive use of Piermont Properties (Client). This report, and the findings contained herein, shall not, in whole or part, be disseminated or conveyed to or used by any other party without the prior written consent of CBRE.

2. GENERAL PROPERTY DESCRIPTION

2.1. Location and Legal Description

Property Name:	Vacant Lot
Property Address:	178-02, 20, and 36 Hillside Avenue
City, State, Zip Code:	Jamaica, Queens, New York 11432
Legal Description:	According to the New York City Department of Finance (NYCDOF), Automated City Register Information System (ACRIS) webpage, the Property is identified as Block 9913, Lots 25, 35, and 41 in the Borough of Queens, City of New York. The complete address for the Property was identified via the New York City Department of Buildings (NYCDOB), Building Information System Webpage (BIS) to include 178-02, 20, and 36 Hillside Avenue, 87-11 178 th Street, and 88-02 – 88-08 179 th Street. The current property owner is identified as Agiasos Realty LLC, who acquired the Property in October 2012. A copy of the current tax map and a deed that includes the legal description for the Property are included in Appendix 3 .

2.2. Property and Vicinity General Characteristics

CBRE attempted to determine the general physical setting of the Property and vicinity. Information regarding the topography, surface water, geology, and hydrology is used to evaluate the likelihood of hazardous substances or petroleum products migrating onto the Property from adjacent properties, within the Property or from the Property to off-site receptors. The information was obtained from readily-accessible sources that describe the general area in which the Property is located. No subsurface investigation or other testing was conducted at the Property. Actual conditions may vary from general conditions in the area.

Property Elevation:	The Property is situated at approximately 67 feet above mean sea level.
Topography:	The Property slopes gently downward to the south. The area to the north of the Property sloped moderately to the south/southeast, while the areas to the east, west, and south slope gently to the southeast.

- USGS Topographic Map: The Property is covered by the United States Geologic Survey (USGS) Topographic Map, Jamaica NY, 7.5 minute series, dated 1994. A portion of the topographic map is included in [Appendix 1](#).
- On-Site Water Bodies: No surface water bodies were observed on or bordering the Property.
- Nearest Surface Water Body: Based on the topographic map review, the nearest surface water body is a small pond located approximately 0.7 mile to the west of the property. Jamaica Bay is located approximately 4.5 mile to the northeast of the Property.
- Geology and Soils: According to the USDA NRCS Web Soil Survey, soils below the Property are characterized as Urban Land. Urban Land describes soils that have been excavated, disturbed, and/or developed upon to the extent that the original soil profile is undistinguishable where at least 85 percent of the surface is covered with asphalt, concrete, or other impervious building materials. Typically, soils classified as Urban Land contain fill materials such as brick and concrete, and characteristics of Urban Land soils can only be determined by direct investigation. Based on the results of past environmental investigations conducted at the property, the fill materials are underlain by unconsolidated sands and gravels.
- Depth to Groundwater: Groundwater is expected between 70 and 80 feet below grade based on prior investigations conducted at the Property. Other sources including the USGS online database (<http://maps.waterdata.usgs.gov/mapper/index.html>) indicate that groundwater is present at a depth of approximately 40 feet in the vicinity of the Property.
- Anticipated Flow Direction: Groundwater at the Property is expected to flow from north to south.
- Basis of Flow Direction: According to the USEPA *Groundwater Handbook, Vol. 1 Groundwater and Contamination, September 1990*, the water table typically conforms to surface topography. This means that the direction of flow for shallow groundwater is generally from higher elevations to lower elevations. Localized flow direction,

however, may vary as a result of tide, rainfall, development, geologic characteristics, nearby surface water bodies, underground utilities such as storm drains, septic systems and sewers, or other influences such as the presence of high volume wells.

2.3. Current Uses of the Property

Property Usage: Commercial

Tenants: The Property is a single-tenant facility and is occupied by a commercial parking lot operation. No tenants were identified that would present an environmental concern.

2.4. Description of Property Improvements

Property Size: 0.81 acre
Source: NYCDOF

Number of Buildings: None

Number of Stories: N/A

Date of Construction: N/A
Source: N/A

Building Size: N/A
Source: N/A

Source of Heating/Cooling: The Property includes no permanent structures therefore no heat systems are present. The attendant's booth is presumed to be heated via a include plug in electric heater.

Utility Providers:

- Drinking Water New York City Department of Environmental Protection (NYCDEP)
- Electricity Consolidated Edison (ConEd)

- Natural Gas ConEd
- Fuel Oil Not applicable
- Sewage Disposal NYCDEP
- Storm Water NYCDEP
- Solid Waste Private Hauler

Date of Utility Connection: Based on CBRE's knowledge of the area, municipal water and sewer services have historically been available in the vicinity of the Property.

2.5. Current Uses of Adjoining Properties

Adjoining properties, based on the ASTM Standard, are properties the border of which is contiguous or partially contiguous with that of the Property, or that would be contiguous or partially contiguous with that of the Property but for a street, road, or other public thoroughfare separating them. The following adjoining properties were noted.

North: The adjoining property to the north, across Hillside Avenue, is developed with a large multi-family residential building that includes ground level retail spaces (178-10 Wexford Terrace; 178-01 – 178-19 Hillside Avenue).

East: The adjoining properties to the east, across 179th Street, are developed with a Burger King Restaurant (179-08 Hillside Avenue; 88-01 179th Street) and a multi-family residential building (88-15 179th Street).

South: The adjoining properties to the south are developed with residences identified as 88-18 179th Street and 87-23 178th Street.

West: The adjoining properties to the west, across 178th Street, are developed with a multi-family residential building (175-45 88th Avenue) and a commercial building occupied by a bank branch (175-52 – 175-64 Hillside Avenue).

3. USER PROVIDED INFORMATION

The Standard lays out the responsibilities of the User of the report in order for the User to satisfy the all appropriate inquiry, into previous ownership of the property, requirement in order to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability, herein after landowner liability protections. These responsibilities include:

- Review title and judicial records for environmental liens or activity and use limitations (AULs)
- Provide any specialized knowledge or experience with the property that is material to RECs at the property
- Provide actual knowledge of any environmental lien or AULs encumbering the property or in connection with the property
- Provide reason for purchase price being significantly lower than fair market value, if applicable
- Provide any commonly known or reasonably ascertainable information within the local community about the property that might relate to RECs in connection with the property
- Identify the reason the ESA is being performed

3.1. Title Records

The User did not provide CBRE with recorded land title records.

3.2. Environmental Liens and Activity and Use Limitations

The User did not provide CBRE with lien records or AULs, filed under federal, tribal, state or local law.

3.3. Specialized Knowledge

The User did not provide CBRE with any specialized knowledge that would relate to the presence of RECs in connection with the Property.

CBRE was provided with copies of multiple prior environmental reports prepared for the Property which are summarized in Section 6.9 of this report.

3.4. Commonly Known or Reasonable Ascertainable Information

The User did not provide CBRE with any commonly known or reasonably ascertainable information within the local community that is material to RECs in connection with the Property.

3.5. Valuation Reduction for Environmental Issues

The User did not provide information that would indicate to CBRE that the transaction price for the Property was significantly below the fair market price value of other comparable properties.

3.6. Reason for Performing the Phase I ESA

The User of this report is a prospective purchaser of the Property. CBRE was retained by the User to conduct this ESA to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the “landowner liability protections,” or “LLPs”): that is, the practice that constitutes “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined at 42 U.S.C. §9601(35) (B).

4. INTERVIEWS/MUNICIPAL INFORMATION

4.1. Property Owner, Operator, and/or Escort

Contact Name/Title: Michael I. Grey, Managing Partner
Company: Piermont Properties
Telephone Number: 516-222-2233 x203
Pertinent Information: Mr. Grey was provided with an ESA questionnaire to be forwarded to the current property owner whom would complete it for this assessment. According to Mr. Grey, the current property owner is a lender whom remained unidentified and whom reportedly has no knowledge of the Property therefore the ESA questionnaire was not completed for this assessment.

Mr. Grey was unaware of any aboveground or underground storage tanks (ASTs or USTs) at the Property. Mr. Grey was unaware of any spills or releases at the Property.

CBRE asked Mr. Grey about the historical uses of the Property. According to Mr. Grey, the Property was formerly developed for residential purposes. Mr. Grey was unaware of any past environmentally sensitive uses of the Property.

Mr. Grey provided a survey for the Property dating from 2001. The survey indicates that the presence of a two-story brick building within the northeastern corner of the Property (Lot 35). The building is identified to have been utilized for residential and retail purposes.

CBRE was not provided a property owner, operator or escort knowledgeable about the Property to interview as a Key Site Manager, as defined by the ASTM Standard.

4.2. Local Government Officials

Contact Name/Title: Records Access Officer, New York City Fire Department (FDNY)
Department: Public Records Unit / Tanks Section
Telephone/Website: 718-999-2441
Pertinent Information: A Freedom of Information Law (FOIL) request was not submitted to the to the FDNY to obtain information pertaining to any USTs or ASTs located on the Property as these records are considered

not readily available based on agency mandated search fees, the timeliness of responses from the FDNY, and the quality of the information typically provided based on past searches conducted by the FDNY. Based on the other information obtained during this assessment, the absence of a search of the FDNY records is not considered significant in identifying RECs associated with the Property.

Contact Name/Title: Ms. Rena Bryant
Department: City of New York Department of Health and Mental Hygiene (NYCDOH)
Telephone/Website: <http://www.nyc.gov/html/doh/html/home/home.shtml>
Pertinent Information: CBRE submitted a FOIL request to the NYCDOH regarding citizen complaints and any investigations on the use, handling, release or discharge of solid or liquid wastes, hazardous materials, or any other circumstance of environmental concern at the Property. CBRE has not received a response as of the date of this report. Based on the other information obtained during this assessment, the lack of a response is not considered significant in identifying RECs associated with the Property.

Contact Name/Title: FOIL Records Access Officer
Department: NYCDEP
Telephone/Website: <http://www.nyc.gov/html/dep/html/home/home.shtml>
Pertinent Information: CBRE submitted a FOIL request to the NYCDEP in an effort to obtain information regarding citizen complaints and any investigations on the use, handling, release or discharge of solid or liquid wastes, hazardous materials, or any other circumstance of environmental concern at the Property. CBRE has not received a response as of the date of this report. Based on the other information obtained during this assessment, the lack of a response is not considered significant in identifying RECs associated with the Property.

Contact Name/Title: N/A
Department: FOIL Records Access Officer
Telephone/Website: <http://www.dec.ny.gov/>
Pertinent Information: CBRE submitted a FOIL request to the NYSDEC to obtain

information regarding citizen complaints and any investigations on the use, handling, release or discharge of solid or liquid wastes, hazardous materials, or any other circumstance of environmental concern at the Property. CBRE has not received a response as of the date of this report. Based on the other information obtained during this assessment, the lack of a response is not considered significant in identifying RECs associated with the Property.

4.3. Other Contacts

Contact Name/Title:	Kate (last name not provided)
Department:	Mayor's Office of Environmental Remediation (OER)
Telephone/Website:	http://www.nyc.gov/html/oer (212) 788-8841
Pertinent Information:	CBRE contacted the OER to inquire as the regulatory status of the E-Designation identified for the Property. CBRE was informed that a site specific case manager has not been assigned a case manager. Based on these data, it is presumed that the NYCDCP has not provided oversight of the environmental investigations conducted at the Property to date.

5. RECORDS REVIEW

CBRE ordered a report from Environmental Data Resources, Inc. (EDR) containing the standard environmental record sources identified in ASTM E1527-13 as well as any additional environmental record source determined to be: 1) reasonably ascertainable; 2) sufficiently useful, accurate and complete; and 3) generally obtained, pursuant to local good commercial or customary practice in initial ESAs in the type of commercial real estate transaction involved. A detailed description of the records reviewed and a listing of all of the identified sites are provided in [Appendix 4](#). Accuracy and completeness of record information varies among information sources, including governmental sources. Record information is often inaccurate or incomplete. While CBRE cannot warrant the accuracy of the information, it has made a reasonable effort to compensate for mistakes or insufficiencies in the information reviewed that are obvious in light of other information of which CBRE has actual knowledge.

The purpose of the records review is to help identify RECs in connection with the Property. This includes both indications of the storage, use, generation, disposal, or release of hazardous substance at the Property and the potential for contaminants to migrate onto the Property from off-site sources via soil, groundwater, or vapor.

In evaluating the potential for a vapor encroachment condition (VEC), CBRE attempted to determine if there was information indicating that chemicals of concern were located within the critical distance, defined as the lineal distance between the nearest edge of the contaminated plume and the nearest target property boundary. Based on ASTM E2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, the critical distance is equal to 100 feet, with the exception of dissolved petroleum hydrocarbons, which have a critical distance of 30 feet. If non-aqueous phase petroleum hydrocarbons are present, the 100 feet distance is utilized. If a VEC was identified, CBRE attempted to determine if the VEC represented a REC.

5.1. Environmental Record Sources

ENVIRONMENTAL RECORD SOURCES	SEARCH DISTANCE	PROPERTY LISTED	OFF-SITE PROPERTIES LISTED
Federal NPL	1.0 miles	No	No
Federal Delisted NPL	0.5 miles	No	No
Federal CERCLIS	0.5 miles	No	No
Federal CERCLIS NFRAP	0.5 miles	No	Yes
Federal RCRA CORRACTS	1.0 miles	No	No
Federal RCRA TSD	0.5 miles	No	No

ENVIRONMENTAL RECORD SOURCES	SEARCH DISTANCE	PROPERTY LISTED	OFF-SITE PROPERTIES LISTED
Federal RCRA generators	Property and adjoining	No	Yes
Federal institutional/engineering controls	Property only	No	N/A
Federal ERNS	Property only	No	N/A
State and tribal-equivalent NPL	1.0 miles	N/A	N/A
State and tribal-equivalent CERCLIS	0.5 miles	No	Yes
State and tribal landfill and solid waste	0.5 miles	No	Yes
State and tribal leaking storage tanks	0.5 miles	No	Yes
State and tribal registered storage tanks	Property and adjoining	No	Yes
State and tribal institutional/engineering controls	Property only	No	N/A
State and tribal voluntary cleanup	0.5 miles	No	No
State and tribal Brownfield	0.5 miles	No	No
Additional environmental record sources	various	Yes	Yes

- Property

The Property, as Block 9913, Lots 25, 35, and 41, was identified on E-Designation database as being within the E-175 designated area effective September 10, 2000. The Property owner was identified as Eagle Realty LLC. As discussed in Section 6.3, Eagle Realty LLC is identified as a prior owner of the Property from 1997 to circa 2011.

Pursuant to state and local law, City Environmental Quality Review (CEQR) identifies any potential adverse environmental effects of proposed actions, assesses their significance, and proposes measures to eliminate or mitigate significant impacts. Only certain minor actions identified by the state, known as Type II actions, are exempt from environmental review. The Property is reported to be subject to the following requirements established by the CEQR review process initiated by the NYCDPC (CEQR No. 05DCP081Q):

1. Underground gasoline storage tanks testing protocol (also referred to as “hazmat”);
2. Air quality restrictions requiring the use of No. 2 fuel oil or natural gas for heating; and
3. Ventilation, and air conditioning systems; and the window wall attenuation & attenuation ventilation, or “noise attenuation” requirements as a result of heavy traffic noise.

The Property is also identified within a zoning change request filed using the Uniform Land Use Review Procedure (ULURP) with the NYCDOP (ULURP No. 070314ZMQ). According to data obtained via this ULURP via the NYCDOP's Land Use and CEQR Application Tracking System (LUCATS), an Environmental Assessment Statement (EAS) was received by the NYCDOP in May 2005 with a positive declaration issued, requiring completion of a draft Environmental Impact Statement (EIS) before the ULURP application can be certified as complete. The LUCATS website indicated that the notified of the completion of a final EIS was issued in June 2007 and that the ULURP application was withdrawn as of July 2007. A copy of the data obtained from the LUCATS website is included in [Appendix 3](#).

As discussed in Section 6.9, the Property has been the subject of a prior site investigation that is presumed to have been conducted to address the E-Designation status for the Property. As discussed in Section 4.3 above, CBRE contacted the OER to inquire as the regulatory status of the E-Designation identified for the Property. CBRE was informed that a site specific case manager has not been assigned. Based on these data, it is presumed that the NYCDOP has not provided oversight of the environmental investigations conducted at the Property to date. The identification of the Property as an E-Designated property is considered a BER for this assessment.

- Federal CERCLIS NFRAP Sites

Sites that have been removed from the Comprehensive Environmental, Response, Compensation and Liability Information System (CERCLIS) because it has been determined that no further action is warranted under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) are archived on the Further Remedial Action Planned (CERCLIS NFRAP) list. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site. One CERCLIS NFRAP site was identified with the search radius.

J & L Adikes Inc. (182-12 93rd Avenue) is located approximately 0.409 mile to the southeast of the Property in a presumed cross-gradient direction. The J & L Adikes Inc. facility was discovered by the USEPA in June 1989. A Preliminary Assessment (PA) was conducted in September 1989 and the site was subsequently determined not to warrant inclusion on the National Priorities List (NPL). Based on the reported status of the site, coupled with the distance and presumed cross-gradient direction relative to the Property, the identification of the J & L Adikes Inc. facility on the CERCLIS NFRAP database is not considered a REC for this assessment

- Federal RCRA Generator Facilities

The Resource Conservation and Recovery Act (RCRA) generator database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste

as defined by RCRA. While ASTM only requires reviewing the RCRA generator database for the Property and adjoining properties, the database search looked at a wider radius to cover mapping errors. Five generator facilities were identified with the search radius. CBRE reviewed the sites identified and determined that two of the identified RCRA generator sites correspond to adjoining properties.

A portion of the Metropolitan Transit Authority (MTA)/New York City Transit Authority (NYCTA) 179th Place Station (179th Place and Hillside Avenue) is adjacent north below Hillside Avenue in the presumed up-gradient direction. The MTA/NYCTA station was identified as a RCRA small quantity generator (SQG) dating from 2003 and as a RCRA conditionally exempt small quantity generator (CESQG) since 2006. No RCRA violations were identified for the facility. Manifest data included in the EDR report for these listings indicate the disposal of 300 pounds and 20 quantities of lead-containing wastes in 2003 and 2011, respectively. The lead wastes are suspected to be indicative of wastes generated during renovation of the underground subway station. A SPILLS database listing identified for this MTA/NYCTA facility is discussed elsewhere in this section. Based on the available information, the identification of the MTA/NYCTA facility on the RCRA generator database is not considered a REC for this assessment. CBRE accessed the USEPA Envirofacts website for additional information with regard to this RCRA generator database listing. The website confirmed the RCRA CESQG generator status. According to the Enforcement and Compliance History Online (ECHO) database, the current compliance status is listed as "No Violation." According to ECHO, no inspections have been conducted and no formal or informal enforcement actions have been initiated in the last five years. Based on the lack of reported violations, inspections of the facility or enforcement actions, it is CBRE's opinion that a file review of this facility is not warranted.

Towne Cleaners (178-17 Hillside Avenue) is located adjacent to the Property to the north, across Hillside Avenue, in the presumed up-gradient direction. The Towne Cleaners was identified as a RCRA large quantity generator (LQG) in 1985, as a RCRA SQG in 1999, and as a RCRA CESQG since 2006. No RCRA violations were identified for the facility. Manifest data included in the EDR report for these listings indicate the periodic disposal of quantities of spent halogenated solvents and the products of still bottom recovery indicative of a small scale dry cleaning operation for the period between 1989 and 2005. The Towne Cleaners operations are discussed further elsewhere in this section. CBRE accessed the USEPA Envirofacts website for additional information with regard to this RCRA generator database listing. The website confirmed the RCRA CESQG generator status. According to the ECHO database, the current compliance status is listed as "No Violation." According to ECHO, no inspections have been conducted and no formal or informal enforcement actions have been initiated in the last five years. Based on the lack of reported violations, inspections of the facility or enforcement actions, it is CBRE's opinion that a file review of this facility is not warranted.

- State and Tribal-equivalent CERCLIS Sites

Many states maintain their equivalent of the Federal Comprehensive Environmental, Response, Compensation and Liability Information System (CERCLIS), which contains the states list of known or suspected hazardous waste sites. One state-equivalent CERCLIS site was identified with the search radius.

West Side Corporation (107-10 180th Street) is located approximately 0.749 mile to the south/southeast of the Property in the presumed down-gradient direction. The building located on the 4.5 acre site was formerly utilized, in part, for the storage of dry cleaning chemicals including large quantities of tetrachloroethylene (PCE) in five 10,000-gallon ASTs. Spills reportedly results from the improper handling of these materials. Both soil and groundwater impacts were noted, including the migration of contaminants off-site to the south and east. The site is suspected to be a source of chlorinated solvent contamination that resulted in the deactivation of the former Jamaica Water Supply Company supply wells located in the vicinity of the West Side Corporation site. Remedial actions are currently being conducted including the operation of a soil vapor extraction (SVE) system, chemical oxidation, thermal treatment, and institutional controls. The site has been classified as a significant threat to the public health or environment for which additional actions are required. Based on the distance and apparent down-gradient direction of the West Side Corporation site relative to the Property, the West Side Corporation facility is not considered a REC for this assessment.

- State and Tribal Landfill and/or Solid Waste Disposal Sites

Solid Waste Facility/Landfill (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. Seven SWF/LF sites were identified with the search radius. The closest SWF/LF site was identified to be located more than 0.431 mile to the east/southeast of the Property. Based on the distance of the identified SWF/LF sites from the Property, none of the identified SWF/LF site is considered RECs for this assessment.

- State and Local Leaking Storage Tank Sites

Forty leaking storage tank sites (LTANKS) were identified with the search radius. The NYSDEC spill cases for each of the identified LTANKS are identified to have been closed. The closest remaining LTANKS site is located a reported 391 feet from the Property. Based on the Lawrence Livermore National Laboratory study *Recommendations To Improve the Cleanup Process for California's Leaking Underground Fuel Tanks ("LUFTs")*, October 16, 1995, petroleum contamination did not extend more than 200 to 250 feet in 90% of the release incidents investigated, in which groundwater was impacted. This information was generally confirmed by a study conducted by the Bureau of Economic Geology entitled *Extent, Mass, and Duration of*

Hydrocarbon Plumes from Leaking Petroleum Storage Tanks in Texas, 1997, and is consistent with CBRE's experience in conducting subsurface investigations across the country. Based on distances of greater than 390 feet to the identified LTANKS sites, these facilities are not considered a REC in connection with the Property.

- State and Local Registered Storage Tank Facilities

While ASTM only requires reviewing the registered storage tank database for the Property and adjoining properties, the database search looked at a wider radius to cover mapping errors. Twenty-two registered UST sites, and 21 registered AST sites were identified within the search radii. CBRE reviewed the identified sites and determined that three of the registered tank sites correspond to adjoining properties.

Edgerton Apartments (178-10 Wexford Terrace) is located adjacent to the Property to the north, across Hillside Avenue, in the presumed up-gradient direction. The apartment building is identified on the registered tank database as the location of an active 15,000-gallon steel No. 6 fuel oil UST that was installed at the site in 1955. No reported spills or releases were identified for this property. Based on the absence of reported spills, the identification of the 178-10 Wexford Terrace property on the registered tank database is not considered a REC for this assessment. As no spills or releases were identified, it is CBRE's opinion that a file review is not warranted.

Apartment building (88-15 179th Street) is located adjacent to the Property to the east, across 179th Street, in a presumed cross-gradient direction. The apartment building is identified on the registered tank database as the location of an active 1,500-gallon steel No. 2 fuel oil UST that was installed at the site in 1988. No reported spills or releases were identified for this property. Based on the absence of reported spills, the identification of the 88-15 179th Street property on the registered tank database is not considered a REC for this assessment. As no spills or releases were identified, it is CBRE's opinion that a file review is not warranted.

Compton Towers (175-45 88th Avenue) is located adjacent to the Property to the west, across 178th Street, in a presumed cross-gradient direction. The apartment building is identified on the registered tank database as the location of a 7,500-gallon steel No. 6 fuel oil AST that was closed in-place at the site in November 2000. The tank was replaced with a 5,000-gallon steel No. 2 fuel oil AST that remains active at the property. No reported spills or releases were identified for this property. Based on the absence of reported spills, the identification of the 175-45 88th Avenue property on the registered tank database is not considered a REC for this assessment. As no spills or releases were identified, it is CBRE's opinion that a file review is not warranted.

- Unplottable Sites

The environmental records search sometimes includes a list of “unplottable” sites which may or may not be located within the minimum search distances. CBRE reviewed the list of unplottable sites. Based on locations, compliance status and/or the nature of the listing, none of these sites is believed to be a REC in connection with the Property.

- Additional Environmental Databases

Fourteen facilities were identified on the historical UST database. The historical UST database is the original database maintained by the NYSDEC. Updates to this list stopped in 2002 when the current database was created. Three adjacent properties are identified on the historical UST database. These sites are discussed under the State and Local Registered Storage Tank Facilities heading above. None of the remaining identified historical UST sites are located adjacent to the Property.

Ten SPILLS are listed within the search radius. The NYSDEC spill cases for each of the identified SPILLS sites are identified to have been closed. A portion of the MTA/NYCTA 179th Place Station (179th Place and Hillside Avenue) is adjacent north below Hillside Avenue in the presumed up-gradient direction. The MTA/NYCTA station was identified as the location of contamination was identified at a reported depth of 45 feet below grade in May 2001. The NYSDEC remarks indicated that absent this information, no investigation can be conducted therefore the NYSDEC closure committee approved closure of the spill case for the incidence as of March 2013. No additional information was available regarding the incident other than a reference to an additional closed NYSDEC spills case (No. 9704039) which corresponds to an investigation at the Queens Best Auto facility (179-18 Hillside Avenue) to the east of the Property and also adjacent to the MTA/NYCTA 179th Place Station. According to the NYSDEC online spill database, NYSDEC Spill Case No. 9704039 is identified as a having been closed by the Department in September 2010. Based on the identified regulatory status for the identified spill case for the MTA/NYCTA 179th Place Station, coupled with identified associated spill case identified for the 179-18 Hillside Avenue property located to the west (and cross-gradient of) the Property, the identification of the MTA/NYCTA 179th Place Station property on the SPILLS database is not considered a REC for this assessment. Based on their reported locations and regularly statuses, none of the remaining identified SPILLS sites are considered RECs for this assessment.

Two Drycleaner facilities were identified within the search radius. The closest of the identified Drycleaner facilities, Towne Cleaners (178-14 Hillside Avenue), is located adjacent to the Property to the north across Hillside Avenue, approximately 100 feet from the northern boundary of the Property. Towne Cleaners is identified to include an on-site plant that was installed in March 1994. As discussed elsewhere in this section, Towne Cleaners was identified on the RCRA generator database confirming the presence of a dry cleaning operation on this property.

No spills or releases were identified for the Towne Cleaners facility. The Towne Cleaners facility is discussed further in Section 6.12 of this report. The remaining Drycleaner facility is identified to be located 0.216 mile to the west of the Property in a presumed cross-gradient direction and therefore is not considered a REC for this assessment.

Two RCRA non-generator (RCRA-NonGen) sites were identified in the Other Ascertainable Records reviewed. RCRA-NonGen sites are facilities that no longer generate hazardous wastes. CBRE reviewed the identified RCRA non-generator sites and determined that one of the sites is located adjacent to the Property. The MTA/NYCTA 179th Place station includes an electrical substation located at the intersection of Hillside Avenue and 178th Street, immediately adjacent to the Property. This MTA/NYCTA facility is identified as a former RCRA LQG dating from 1990 and as a RCRA non-generator since 1999. According to EDR, a compliance inspection was conducted at the facility in July 1994 which resulted in no identified RCRA violations. No spills or releases were identified for the MTA/NYCTA substation facility. Manifest data included in the EDR report for the facility identified the generation of approximately 600 pounds of wastes containing hazardous levels of polychlorinated biphenyl (PCBs) and an additional 17,294 pound of wastes containing non-hazardous levels of PCB wastes which were report to have been removed from the site in 1991 for disposal at a permitted facility. These wastes appear to have been generated as part of the replacement of electrical equipment utilized as part of the substation operations. No reported spills or releases were identified for this facility. The remaining RCRA-NonGen listing identifies the MTA/NYCTA pump room for the 179th Place station located at the intersection of 182nd Street and Hillside Avenue, approximately 0.214 miles to the east/northeast of the Property, in a presumed cross-gradient direction. Based on the location of the MTA/NYCTA pump room, the inclusion of this facility on the RCRA-NonGen database is not considered a REC for this assessment.

Manifest data was identified for nine sites in the Other Ascertainable Records reviewed. Three of the identified Manifest sites are located adjacent to the Property. Manifest data identified for each of the three adjacent sites are discussed further elsewhere in this section.

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station. 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. Seven sites were identified within the EDR proprietary Historical Auto Stations database. No listings were identified for the adjoining properties or immediately up-gradient properties. Based on these data, none of the identified Historical Auto Stations listings are considered RECs for this assessment.

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, Laundromat, cleaning/laundry, wash & dry, etc. Three sites were identified within the EDR proprietary Historical Cleaners database. A listing was identified

for Towne Cleaners (178-17 Hillside Avenue) dating from 2005 through 2012. The Town Cleaners operations are discussed further elsewhere in this section, as well as in Section 6.12 of this report. Based on their reported locations, neither of the remaining identified Historical Cleaners listings is considered RECs for this assessment.

CBRE accessed the USEPA Envirofacts data warehouse for the zip code that covered the Property. This database contains a list of facilities which have permits for discharges to water or air, toxic releases, hazardous waste handlers, and Superfund listings. Air Facility System (AFS) database listings were identified for Edgerton Apartments (178-10 Wexford Terrace) and Towne Cleaners (178-17 Hillside Avenue). Inclusion of these facilities on the AFS database is consistent with the operation of an oil-fired heating system within the apartment building and the presence of an on-site plant associated with the Towne Cleaners operations. No additional records were found for the Property or an adjacent property.

5.2. Records Review Summary

The Property, as Block 9913, Lots 25, 35, and 41 was identified on E-Designation database as being within the E-175 designated area effective September 10, 2000. The Property is reported to be subject to the "hazmat", air quality, and "noise attenuation" requirements. CBRE contacted the OER to inquire as the regulatory status of the E-Designation identified for the Property. CBRE was informed that a site specific case manager has not been assigned. Based on these data, it is presumed that the NYCDCP has not provided oversight of the environmental investigations conducted at the Property to date. The identification of the Property as an E-Designated property is considered a BER for this assessment.

Listings included in the EDR report identify Towne Cleaners (178-14 Hillside Avenue) as being located adjacent to the Property to the north across Hillside Avenue, approximately 100 feet from the northern boundary of the Property. Towne Cleaners is identified to include an on-site plant that was installed in March 1994. As discussed elsewhere in this section, Towne Cleaners was identified on the RCRA generator database confirming the presence of a dry cleaning operation on this property. Manifest data included in the EDR report confirms the presence of an on-site plant at this location. No spills or releases were identified for the Towne Cleaners facility. The Towne Cleaners facility is discussed further in Section 6.12 of this report.

No other environmental records were identified indicating a release of hazardous substances or petroleum products at the Property or the migration of hazardous substances or petroleum products from an off-site property to the Property via soil, groundwater or vapor that would be considered a REC or a VEC with respect to the Property.

6. HISTORICAL USE INFORMATION

The objective of consulting historical sources is to develop a history of the previous uses of the property and surrounding area, in order to help identify the likelihood of past uses having led to RECs in connection with the Property.

6.1. Aerial Photographs

Aerial photographs, which are of a sufficient resolution to allow identification of development and activities of areas encompassing the Property, can be used in documenting the historical usage of a property. CBRE reviewed the following aerial photographs, copies of which are included in [Appendix 5](#):

Date: 1924

Source of Aerial: EDR

Property: The Property appears to be partially wooded, undeveloped land. One or more residences may be located on the southern portions of the Property.

Adjoining Properties: The adjoining properties are identified to include a mix of commercial and residential uses and vacant land. Several residences and areas of vacant land are depicted to the north of the Property, across Hillside Avenue. A commercial building and vacant land are identified to the east, across 179th Street. Residences are identified to the south along 178th and 179th Street and to the west across 178th Street.

Date: 1946

Source of Aerial: EDR

Property: The Property appears to be developed with a single building located within the northeastern corner of the Property (Lot 35). Additional structures, likely residences, appear to be located on the southern portion of the Property (Lots 25 and 41). The remainder of the Property appears to be utilized as a parking lot.

Adjoining Properties: The adjoining properties appear predominantly unchanged since 1924.

Date: 1954

Source of Aerial:	EDR
Property:	The Property appears to remain developed with a single building located within the northeastern corner of the Property (Lot 35). Additional structures, likely residences, appear to remain located on the southern portion of the Property (Lots 25 and 41). The remainder of the Property appears to be utilized as a parking lot.
Adjoining Properties:	The adjoining properties are identified to include a mix of commercial and residential uses and vacant land. Residences, areas of vacant land, and parking lots are depicted to the north of the Property, across Hillside Avenue. A commercial building and vacant land are identified to the east, across 179 th Street. Residences are identified to the south along 178 th and 179 th Street and to the west across 178 th Street.
Date:	1966
Source of Aerial:	EDR
Property:	The Property appears to remain developed with a single building located within the northeastern corner of the Property (Lot 35). Additional structures, likely residences, appear to remain located on the southern portion of the Property (Lots 25 and 41). The remainder of the Property appears to be utilized as a parking lot.
Adjoining Properties:	Existing multi-family apartment buildings are depicted to the north, east, and west of the Property. A vacant lot is also identified to the east of the Property, across 179 th Street. Residences are depicted to the south of the Property along 178 th and 179 th Streets. Apparent commercial and residential buildings are depicted to the west of the Property, across 178 th Street, along Hillside Avenue.
Date:	1975
Source of Aerial:	EDR
Property:	The Property appears to be developed with a single building located within the northeastern corner of the Property (Lot 35). The remainder of the Property appears to be utilized as a parking lot.

Adjoining Properties: The adjoining properties appear predominantly unchanged since 1966, except that a commercial operation is identified to the east of the Property, across 179th Street.

Date: 1984

Source of Aerial: EDR

Property: The Property appears to remain developed with a single building located within the northeastern corner of the Property (Lot 35). The remainder of the Property appears to be utilized as a parking lot.

Adjoining Properties: The adjoining properties appear predominantly unchanged since 1975.

Date: 1994

Source of Aerial: EDR

Property: The Property appears to remain developed with a single building located within the northeastern corner of the Property (Lot 35). The remainder of the Property appears to be utilized as a parking lot.

Adjoining Properties: The adjoining properties appear predominantly unchanged since 1984.

6.2. Fire Insurance Maps

Fire insurance maps are maps that were produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property. These maps are often available at local libraries, historical societies or private resellers. CBRE ordered historical fire insurance maps of the Property from EDR. The following maps were provided by EDR and reviewed by CBRE and are included in [Appendix 5](#):

Date: 1912

Type: Sanborn

Property: The Property is depicted as developed with a single residence located on the southern portion of Lot 25 along 178th Street (Homer Lee Avenue). The remainder of the Property is depicted as undeveloped land.

Adjoining Properties: The adjoining properties include a residence and undeveloped land to the north, across Hillside Avenue and a residence, contractor's yard, wagon shed, and stable located to the east, across 179th Street (Yale Avenue), and a residence located to the west, across 178th Street (Homer Lee Avenue). The remainder of the adjoining properties is depicted as undeveloped land.

Date: 1926

Type Sanborn

Property: The Property is depicted as developed with a total of seven residences located on the southern portion of the property (Lots 25 and 41). The residences front to 178th Street (Homer Lee Avenue) and 19th Street (Yale Avenue). The remainder of the Property is depicted as undeveloped land.

Adjoining Properties: The adjoining properties include a residence and undeveloped land to the north, across Hillside Avenue. Retail buildings that front to Hillside Avenue, undeveloped land, and a lot developed with several buildings identified as a contractor's yard and wagon shed are depicted to the east of the Property, across 179th Street (Yale Avenue). Residences are depicted to the south and west of the Property.

Date: 1951

Type Sanborn

Property: The Property is depicted as developed with a retail commercial building fronting to Hillside Avenue that is divided into eight tenant spaces located within the northeastern corner of the Property (Lot 35). A total of seven residences are located on the southern portion of the Property (Lots 25 and 41). The residences front to 178th Street (Homer Lee Avenue) and 179th Street (Yale Avenue). A single small parking garage building is located along the southern boundary of Lot 25. The remainder of the Property is depicted as undeveloped land.

Adjoining Properties: The adjoining properties include a residence and undeveloped land to the north, across Hillside Avenue. Retail buildings front to Hillside Avenue. The existing multi-family apartment building is

also depicted to the east of the Property, across 179th Street. Of note, a gasoline station is identified further to the east of the Property along Hillside Avenue. Residences remain depicted to the south and west of the Property.

Date: 1981, 1982, 1986, 1988-1993, 1996, 1999, and 2001-2006
 Type: Sanborn
 Property: The Property is depicted as developed with a retail commercial building fronting to Hillside Avenue that is divided into eight tenant spaces located within the northeastern corner of the Property (Lot 35). The remainder of the Property is depicted as undeveloped land. The remainder of the Property is identified as a licensed parking lot operation as of 1995.

Adjoining Properties: The adjoining properties include the existing multi-family residential buildings located to the north, east, and west of the Property. A dry cleaning operation is identified within the northern adjacent property at 178-17 Hillside Avenue. A one-story commercial building and associated parking lot are depicted to the east of the Property along Hillside Avenue. Of note, a gasoline station remains identified further to the east of the Property along Hillside Avenue. Residences remain depicted to the south of the Property. Commercial (office/retail) buildings are identified to the west of the Property across 178th Street.

6.3. Property Tax Files

Tax files are files kept for property tax purposes by the local jurisdiction where the property is located and may include records of past ownership, appraisals, maps, sketches, and photographs. CBRE reviewed the property tax files for the Property available on line from the NYCDOF. The website included general property information such as property size, building size and date of construction, which has been incorporated into the applicable sections on this report. No significant historical use information was provided. No indications of environmental concern were noted.

A limited historical ownership record was available in the tax files and is summarized below:

DATE	GRANTOR	GRANTEE
<i>Block 9913, Lot 25</i>		
September 21, 2012	Transylvania Realty LLC	Agiastos Realty LLC

DATE	GRANTOR	GRANTEE
August 15, 2011	Thomas J. Graham ESQ., Referee	Daniel Dumitrescu, As Nominee For
November 3, 1997	2M Realty Corp	Eagle Realty LLC
December 5, 1996	National Park Realty Corp	Boehm, Frances (Trustee)
October 1, 1997	Boehm, Frances (Trustee)	2M Realty Corp
June 28, 1990	Boehm, Robert (Dist)	Boehm, Frances (Trustee)
January 31, 1966	John B. Anderson	National Park Realty CP
<i>Block 9913, Lot 35</i>		
September 21, 2012	Transylvania Realty LLC	Agiasos Realty LLC
August 15, 2011	Thomas J. Graham ESQ., Referee	Daniel Dumitrescu, As Nominee For
November 3, 1997	2M Realty Corp	Eagle Realty LLC
December 5, 1996	National Park Realty Corp	Boehm, Frances (Trustee)
October 1, 1997	Boehm, Frances (Trustee)	2M Realty Corp
June 28, 1990	Boehm, Robert (Dist)	Boehm, Frances (Trustee)
<i>Block 9913, Lot 41</i>		
September 21, 2012	Transylvania Realty LLC	Agiasos Realty LLC
August 15, 2011	Thomas J. Graham ESQ., Referee	Daniel Dumitrescu, As Nominee For
November 3, 1997	2M Realty Corp	Eagle Realty LLC
December 5, 1996	National Park Realty Corp	Boehm, Frances (Trustee)
October 1, 1997	Boehm, Frances (Trustee)	2M Realty Corp
June 28, 1990	National Park Realty CP	Boehm, Frances (Trustee)

6.4. Recorded Land Title Records

Land title records are records of historical fee ownership, which may include leases, land contracts and AULs on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located, often such records are kept by a municipal or county recorder or clerk. Such records may be obtained from title companies or directly from the local government agency. A chain of title was not provided to CBRE. CBRE did not review land title records for the Property due to the sufficient prior use history obtained through the other standard historical sources.

6.5. USGS Topographic Map

CBRE reviewed the 7.5 minute series USGS topographic map covering the Property dated 1994. The Property is located in an area of heavy urban development where only landmark buildings are depicted. No details are shown for the Property and no special hazards, such as sinkholes, oil and/or gas wells, gravel pits, landfills, pipelines, mineral production, open pits, stockpiled soils or railroad tracks and spurs, were indicated on the Property or an adjoining property.

6.6. Local Street Directories

Local street directories were published by private or sometimes government sources and show ownership and/or use of properties by reference to street addresses. Often local street directories are available at libraries of local governments, colleges or universities, or historical societies. CBRE reviewed the following local street directories obtained at the New York Public Library.

Date: 1930
Title: New York Telephone Address Directories
Property: Hillside Avenue
No listings
178th Street
Residential (87-11, 87-12, and 87-15)
179th Street
Residential (88-10 and 88-12)

Adjoining Properties: North – Commercial, residential
East – Retail, commercial
South – Residential
West – No listings

Date: 1940
Title: New York Telephone Address Directories
Property: Hillside Avenue
Catherine's Baber Shop (178-24)
Jozina C. Ver Wys (178-28)
Otto Schweinus (178-30)
Harvard Meat Market, Peter Schutte butcher (178-32)
Frank De Stefano fruits (178-34)
J Dresser stationary (178-36)

	<u>178th Street</u> Residential (87-13 and 87-15)
	<u>179th Street</u> Residential (88-10)
Adjoining Properties:	North – Offices, commercial East – Retail, commercial South – Residential West – Residential
Date:	1950
Title:	New York Telephone Address Directories
Property:	<u>Hillside Avenue</u> Cook & Saltz real estate, Saltz & Cook real estate (178-22) Catherine’s Baber Shop (178-24) Residential (178-28) Otto Schweinus delicatessen (178-30) Harvard Meat Market, Peter Schutte butcher (178-32) Society Tailors & Furriers (178-34) Residential (178-36) <u>178th Street</u> Residential (87-11, 87-13, and 87-15) <u>179th Street</u> Residential (88-12 and 88-16)
Adjoining Properties:	North – Residential East – Retail, commercial South – Residential West – Residential
Date:	1960
Title:	New York Telephone Address Directories
Property:	<u>Hillside Avenue</u> Sol Schwager luncheonette (178-20) William E. Cook real estate (178-22) Catherine’s Baber Shop (178-24) Lawrence Bernstein podiatrist, residential (178-26) Residential (178-28) Martwart M&G deli (178-30)

Jay Cee Meat Market (178-32)
Society Cleaners & Tailors (178-34)
Mano's luncheonette (178-36)
178th Street
Residential (87-11 and 87-13)
179th Street
Residential (88-10, 88-12, and 88-14)

Adjoining Properties: North – Multi-family residential, office, retail, Towne Cleaners (178-17)
East – Multi-family residential, retail, commercial
South – Residential
West – Residential

Date: 1970
Title: New York Telephone Address Directories

Property: Hillside Avenue
Sol Schwager luncheonette (178-20)
H&H Associates (178-22)
Spotlights Coiffure Inc. (178-24)
Residential (178-26)
Residential (178-28)
Martwart M&G deli (178-30)
Jay Cee Meat Market (178-32)
Queens Donut Shop (178-34)
Sip 'N' Go Snack, Inc. (178-36)
178th Street
Residential (87-11 and 87-15)
179th Street
Residential (88-10 and 88-16)

Adjoining Properties: North – Multi-family residential, office, retail, Towne Cleaners (178-17)
East – Multi-family residential, retail, commercial
South – Residential
West – Residential, medical offices

Date: 1980
Title: New York Telephone Address Directories

Property:	D & S Fish Market, Inc. (178-22) Spotlights Coiffure Inc. (178-24) Residential (178-26) Residential (178-28) Aurora Deli (178-30) Jay Cee Meat Market (178-32) Mary's Tailoring (178-34) <u>178th Street</u> No listings <u>179th Street</u> No listings
Adjoining Properties:	North – Multi-family residential, office, retail, Towne Cleaners (178-17) East – Multi-family residential, retail, commercial South – Residential West – Multi-family residential, commercial
Date:	1986
Title:	New York Telephone Address Directories
Property:	Jamaica Car Service (178-20) Spotlights Coiffure Inc. (178-24) Residential (178-26) Residential (178-28) Aurora Deli (178-30) Jay Cee Meat Market (178-32) Ruth's fruit stand (178-34) <u>178th Street</u> No listings <u>179th Street</u> No listings
Adjoining Properties:	North – Multi-family residential, office, retail, Towne Cleaners (178-17) East – Multi-family residential, retail, commercial South – Residential West – Multi-family residential, commercial

Addition research conducted at the NYPL identified the uses of the retail space identified as 178-34 Hillside Avenue to have included Society Tailors & Furriers in 1955 and the Queens Donut Shop in 1965. These data appear to indicate the duration of the apparent dry cleaning

operations within this tenant space as being limited to an approximate ten year period. Environmentally sensitive listings identified for the Property are discussed in Section 6.12 of this report.

6.7. Building Department Records

Building department records generally consist of local government records indicating permission of the local government to construct, alter, or demolish improvements on the property. Often building department records are located in the building department of a municipality or county. CBRE reviewed the building department records for the lot containing the Property via the New York City Department of Buildings (NYCDOB), Building Information System (BIS). Copies of the records for the Property reviewed via the BIS are included in [Appendix 3](#).

New building permits were identified for the Lot 25 dating from 1920 and 1921. A demolition permit was identified for Lot 25 dating from 1975. No boiler records were identified for Lot 25.

No demolition or new building permits were identified for Lot 35. Boiler records identified for this lot indicated two voided boilers. The most recent boiler inspection was conducted in 1998 and the building was confirmed to have been demolished as of 2007.

A building record was not identified for Lot 41.

A Certificate of Occupancy dating from June 1976 identified for several lots including Lots 25, 35, and 41 identifies a parking lot for 149 cars on the Property.

6.8. Zoning/Land Use Records

Zoning or land use records generally consist of local government records indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. The records are often located in the planning department of a municipality or county. CBRE did not review the zoning/land use records for the Property due to the sufficient prior use history obtained through the other standard historical sources. According to the New York City Department of Planning (NYCDPC), the Property is zoned R7A/C2-4.

6.9. Previous Assessments

CBRE was provided the following previous environmental assessments of the Property, relevant portions of which are included in [Appendix 6](#):

Title:	Phase I Environmental Site Assessment, 170-02/20/36 Hillside Avenue, Jamaica, New York
Date:	May 13, 2008

Prepared By: Giorgio Engineering International, P.C. (GEI)

Pertinent Information: The Property, identified as Block 9913 Lots 25, 35, and 41, was identified to have included a vacant two-story commercial building and a commercial parking lot operation. The building is identified to have included a former oil-fired heating system that was supplied by a 1,000-gallon heating oil AST installed on the partial basement level of the building.

As part of the investigation, GEI reviewed Sanborn maps and historic deeds for the Property. No additional historic data resources are reported to have been reviewed. No sampling activities were conducted as part of the 2008 GEI investigation. The 2008 GEI report identified no RECs at the Property. The 2008 GEI report recommended the removal of the "several" identified five-gallon containers of waste oil from the Property for proper off-site disposal. GEI also recommended negotiations with the NYCDEP for the removal of the E-Designation for the Property prior to redevelopment of the Property.

The following additional relevant data was obtained by review of the 2008 GEI report:

- As part of their assessment GEI interviewed Nate Taylor, representative of the property owner for 10 years prior.
- Of note, the copy of the GEI report reviewed for this assessment did not include a site map or any supporting documentation.
- The GEI report references a PCB Transformer Letter provided by the local power utility is referenced, but not included in the copy of the report provided. GEI does not identify any electrical transformers on the Property.
- GEI reported that identified ACM was removed from the building in 2001.
- GEI is reported to have previously conducted Phase I ESAs for the Property in October 2001, December 2004, and August 2006. No RECs were identified to have been identified as part of these investigations.

Title: Investigation Work Plan & Health and Safety Plan, 178-02/20/36 Hillside Avenue, Jamaica, New York, Block 9913 Lots 25, 35, 41

Date: May 15, 2008

Prepared By: Hydro Tech Environmental Corp. (HEC)

Pertinent Information: The Property was identified as a 35,500 SF parcel of land that includes a vacant two-story building that includes a partial basement level located on Lot 35. The basement level is indicated to be located within the western portion of the Property. The remainder of the Property is identified to be parking areas.

The proposed site investigation scope of work was designed to investigate potential impacts from historic property uses of the Property and includes a geophysical survey, 12 soil borings for the purposes of the collection of soils samples, and the conversion of four of these site borings to groundwater sampling points for the purposes of collecting groundwater samples. No other site-specific data was included in the document.

Title: Subsurface Investigation Letter Report, 178-02/20/36 Hillside Avenue, Queens, NY, E-175: Block 9913 Lots 25, 35, and 41

Date: June 3, 2008

Prepared By: HEC

Pertinent Information: Site Investigation activities were reportedly conducted at the Property on March 22, 23, 27, and 28 2008.

The geophysical survey was conducted on the exterior areas of the Property. One anomaly was identified in the northwest portion of the Property, characterized as being six by four feet and at a depth of five to seven feet below grade. The identified location of the anomaly does not appear to correspond to any known former structures. The subsequent site investigation activities including the installation of a soil boring proximal to the location of the anomaly; however, excavation activities were not conducted to further investigate the anomaly.

A total of 12 soil borings were installed to total depths ranging from 15.5 to 17 feet bgs. Each boring was advanced to refusal. Groundwater was not encountered in the soil borings. The soils at the Property were identified to have included fill materials which overlie unconsolidated sands and gravels.

The results of the field screening activities did not identify any elevated levels of organic vapors within the samples. No visual evidence of contamination was reportedly identified in any of the recovered soils. Both shallow and deep samples were collected from each soil boring location. In general, the shallow soil samples were collected from the area to two foot interval, with the deep samples collected from between 12 and 17 feet below grade depending on location. The soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), poly chlorinated biphenyls (PCBs), pesticides, and selected metals.

The soil sample analytical results indicated that each of the shallow and deep samples were non-detect for VOCs.

SVOCs were detected in the shallow soil samples collected from the SP-1, SP-3, SP-11, and SP-12 locations. According to HEC, the individual SVOCs concentrations were not reported above the Recommended Soil Cleanup Objectives (RSCOs) for any of the shallow soil samples. The reported SVOC detections were limited to polynuclear aromatic hydrocarbons (PAHs) compounds and were attributed to fill materials identified at the site. A single detection of 2-Methylnaphthalene was identified in the deep sample collected from the SP-4 sample location above the applicable RSCO.

No PCBs were detected in any of the soil samples at levels above the applicable RSCOs. The detections were limited to the SP-10 sample location and the shallow SP-12 soil sample.

Nickel and zinc detected in several of the shallow samples above their applicable RSCO. In addition, zinc was also detected in the SP-2 deep sample location above the applicable RSCO.

A total of four groundwater probes were attempted at the Property. The GP-1 location was sample for VOCS, SVOCs, pesticides, PCBs, and metals. The remaining two groundwater probes were abandoned (GP-10) or were considered a dry hole (GP-6). Both GP-1 and GP-4 are located on the western portion of the Property. No groundwater sampling was conducted on the eastern portion of the Property.

Of note, the sampling method for the GP-1 was reported to have included all analysis from a single one liter jar due to limited sample volume contrary to standard practices. Also, HEC indicates that both filtered and unfiltered metals samples were submitted for analysis; however, the results for a single metals sample are included in the data tables. Furthermore, it is not indicated if these results represent a dissolved phase or total metals sampling methods.

VOCs were non-detect in the sample collected from GP-1; however, chloroform was detected in GP-4 sample at a level below the applicable groundwater quality standard. The groundwater sample analytical results indicate that SVOCs, pesticides, and PCBs were all non-detect. Several metals were detected in the groundwater samples at levels above the applicable groundwater quality standard. In the body of the report, HEC states that metals were detected in the dissolved phase samples only.

Groundwater is reported to have been detected at a depth of 74 feet below grade with groundwater flow to the south. Conversely, the GP-6 groundwater probe was advanced to 80 feet bgs and was reported to be dry and the GP-1 groundwater probe produced limited sample volume.

The letter report made no recommendations for additional work.

Title: Remedial Action Plan & Construction Health and Safety Plan, 178-02,20/36 Hillside Avenue, Jamaica, New York, Block 9913 Lots 25, 35, and 41

Date: June 6, 2008

Prepared By: HEC

Pertinent Information: The 2008 Remedial Action Plan (RAP) describes work to be conducted at the Property as part of planned redevelopment activities including soil excavation, vapor barrier installation, and soil capping activities. HEC acknowledges that the redevelopment activities are planned to include the excavation of a portion of the Property as part of the redevelopment activities. HEC proposes the installation of a sub-slab depressurization system (SSD) and vapor barrier to prevent vapor migration into the new structure and the installation at least two feet of clean fill

within the unexcavated areas of the Property which will not be otherwise covered by impervious materials (i.e., the areas of the Property to be landscaped). No other relevant site-specific data was identified within this document. Of note, the prior investigations conducted at the Property have not identified VOCs in the soil or groundwater at the site; therefore, it is CBRE's opinion that the SSD and vapor barrier may not be warranted.

CBRE has determined the following based on the review of the above documents:

- The former site building is identified to have included a partial basement level located within the western portion of the former structure. Additional details regarding the former site building were not identified.
- A magnetic anomaly was identified within the northwestern portion of the Property for which no explanation has been identified. The description of the anomaly appears consistent with a small UST. The historic data review conducted for this assessment did not indicate the presence of historic structures within this portion of the Property. CBRE identified no indications that excavation activities were conducted proximal to the identified anomaly; however, the soil sampling conducted proximal to the anomaly did not identify any impacts at this location that would be attributed to a UST containing petroleum products. The identified uninvestigated anomaly is identified as a REC for this assessment.
- The results of soil sampling activities indicate levels of PAHs and metals in soils at the Property indicative of contaminated fill materials.
- The results of groundwater sampling activities do not indicate any significant groundwater impacts; however, elevated levels of selected metals were detected. No explanation for the metals detected in the groundwater samples has been identified.
- Based on the results of prior investigations, a proposal was made for the installation of a SSD and vapor barrier to prevent the migration of organic vapors into structures planned for the Property. Based on results of the site investigation, VOCs were not detected within the soil and groundwater samples collected at the Property.

As discussed further in Section 5.1, the Property is identified as an E-Designation site. Although unconfirmed, CBRE presumes that the above summarized investigations were conducted to address the E-Designation status for the Property. CBRE contacted the OER to determine the case oversight for the Property and was informed that no case manager was identified for the Property. No documentation from the NYCDEP was identified with regard to the prior

environmental investigations. The identification of the Property as an E-Designated property is considered a BER for this assessment.

6.10. Other Historical Sources

Other historical sources include sources that are credible to a reasonable person and that identify past uses of the property. This category includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, or records in the files and/or personal knowledge of the property owner and/or occupants. CBRE did not review other historical sources for the Property based on prior use history obtained through the other standard historical sources.

6.11. Data Gaps

After reviewing the above sources of information regarding historical uses of the Property, CBRE encountered the following data gaps:

- While CBRE was able to document the historical uses of the Property back prior to 1940, the Property was already partially developed at the earliest documented source.
- Some of the intervals between documented sources exceeded five years.
- CBRE was not provided access to a past or current owner, operator or occupant or any other person familiar with the former operations of the property to interview.
- CBRE attempted to contact the health and environmental departments, but has not received a response as of the date of this report.

None of the data gaps affected the ability of the Environmental Professionals involved in this assessment to identify RECs in connection with the Property.

6.12. Prior Use History Summary

The Property was developed with a single residence located on the southern portion of Lot 25 along 178th Street (Homer Lee Avenue) in 1912, the beginning of the historic record reviewed for this assessment. The remainder of the Property appeared to have been undeveloped land. As of 1926, the Property was developed with a total of seven residences located on the southern portion of the property (Lots 25 and 41). The residences front to 178th Street (Homer Lee Avenue) and 19th Street (Yale Avenue). The remainder of the Property is depicted as undeveloped land.

A two-story building fronting to Hillside Avenue was constructed within the northeastern corner of the Property (Lot 35) as of 1951. The building is identified to have included retail and residential uses. The retail tenants are identified to have included food stores, offices, a beauty salon, and a tailor/ dry cleaning operation identified as Society Cleaners & Tailors (178-34 Hillside Avenue) circa 1960. A single small garage was located along the southern boundary of Lot 25 in 1951.

The residences and garage were apparently raised in the 1970s. The remainder of the Property was identified to be undeveloped land or utilized as parking lots which are identified as a licensed parking lot operation as of 1995. The two-story building was identified to have been demolished as of 2007. The lot has remained utilized as a parking lot through the present.

Based on the historical review of the Property, it appears residential structures were present prior to the availability of municipal water or sewer; therefore, it is possible that one or more drinking water wells, septic systems and/or cesspools were present. CBRE was unable to obtain information regarding these potential historical systems. Given the residential use of the Property, these potential historical systems are not considered a REC.

Society Cleaners & Tailors (178-34 Hillside Avenue), a suspected dry cleaning operation, was identified as a tenant of the former site building in 1960. Addition research conducted at the NYPL identified the uses of the retail space identified as 178-34 Hillside Avenue to have included Society Tailors & Furriers in 1955 and the Queens Donut Shop in 1965. These data appear to indicate the duration of the apparent dry cleaning operations within this tenant space as being limited to an approximate ten year period.

Society Cleaners & Tailors were identified to have operated during a period when it was commonplace to have small scale on-site dry cleaning machines that utilized chlorinated solvents (tetrachloroethylene, or PCE) installed within small retail stores, consistent with the 178-34 Hillside Avenue tenant space. Of note, the former site building is identified to have included a partial basement level located within the western portion of the building; however, additional construction details for the building were not identified. The Society Cleaners & Tailors operations were not identified on any environmental databases reviewed for this assessment; however, the Society Cleaners & Tailors operations pre-date the registration and RCRA waste reporting requirements.

As discussed in Section 6.9, site investigation activities have historically been conducted at the Property in 2008. The site investigation activities included sampling activities conducted proximal to the former dry cleaner location (178-34 Hillside Avenue). The field screening activities conducted as part of the site investigation did not indicate any field indications of chlorinated solvent impacts at this location. Likewise, laboratory analysis of the soil samples collected from soil boring SP-7 installed proximal to the 178-34 Hillside Avenue tenant space did not indicate the presence of VOCs in either the shallow or deep samples from this location. Furthermore, the results of the site investigation activities indicate that groundwater was present

at more than 70 feet below grade. Of note, published references indicate groundwater is likely present at the Property at a depth of more than 40 feet below grade. Based on the results of the site investigation, including the absence of identified soil impacts based on both field screening results and the laboratory analysis of soil samples, coupled with the identified depth to groundwater [more than 40 feet below grade] the former presence of a dry cleaning operation on the Property does not warrant additional investigation.

Based on review of prior environmental reports prepared for the Property (see Section 6.9), a magnetic anomaly was identified within the northwestern portion of the Property for which no explanation has been identified. The description of the anomaly appears consistent with a small UST. The historic data review conducted for this assessment did not indicate the presence of historic structures within this portion of the Property. CBRE identified no indications that excavation activities were conducted proximal to the identified anomaly; however, the soil sampling conducted proximal to the anomaly did not identify any impacts at this location that would be attributed to a UST containing petroleum products. The identified, uninvestigated anomaly is identified as a REC for this assessment.

The surrounding properties have been used for a mix of residential and commercial uses, as follows:

- The adjacent property located to the north, across Hillside Avenue, was developed with small residential buildings prior to 1912. These buildings appear to have been converted to commercial uses as of the 1930s. The northern adjacent property was redeveloped with the existing large multi-family residential building that includes ground level retail spaces (178-10 Wexford Terrace) as of 1960. Towne Cleaners (178-17 Hillside Avenue) is identified to have been a building tenant since circa 1960.
- The adjacent properties located to the east, across 179th Street, was developed with a residence and contractor's yard circa 1912 and with residences, retail buildings, and a contractor's yard as of 1926. The existing multi-family residential building (88-15 179th Street) was constructed circa 1950. The continued commercial use of the remaining eastern adjacent property (179-08 Hillside Avenue) was identified culminating with the construction of the existing fast food restaurant circa the 1990s. Of note a gasoline station and auto repair operation was located further to the east of the Property at 179-18 Hillside Avenue from circa the 1950s through the 2000s.
- The adjacent properties located to the south have been developed with existing residences since circa the 1920s.
- The adjacent properties located to the west, across 178th Street, were developed with residences since circa the 1920s. At least one of these residences was later converted to medical office uses. The existing multi-family residential building (175-45 88th Avenue) was constructed circa 1980. The remaining western adjacent property (175-52 – 175-64

Hillside Avenue) was recently redeveloped with a commercial building occupied by a bank branch location.

Towne Cleaners (178-17 Hillside Avenue), a dry cleaning operation, was identified to be located to the north of the Property, across Hillside Avenue, in the presumed up-gradient direction. Towne Cleaners is identified as having operated at this location from circa 1960 through the present. The building is identified to be constructed within a concrete-encased steel frame and includes a complete basement level. CBRE confirmed the presence of an on-site plant within Towne Cleaners space during the April 29, 2014 site reconnaissance. As discussed in Section 5.1, the Town Cleaners operation is identified on the Dry Cleaner database as having included an on-site plant since at least March 1994. The Towne Cleaners operation was also identified on the RCRA generator database as a generator of dry cleaning-related wastes for the period between 1989 and 2006. No spills or releases were identified for the Towne Cleaners operation. Of note, the MTA/NYCTA 179th Place Station, a subterranean facility that includes a track system, platforms, and support areas is located below Hillside Avenue, between the Towne Cleaners facility and the Property. As discussed in Sections 2.2 and 6.9, the depth to groundwater in the vicinity of the Property is approximately 40 to 80 feet below grade. Although the identification of a dry cleaning operation that included an on-site plan on an adjacent property located in the presumed environmental condition is an environmental concern that warrants consideration, the identified mitigating circumstances (building construction details, absence of reported spills, intervening subway facility, etc.), and the adjacent Towne Cleaners facility is not considered a REC for this assessment. Furthermore, based on the reported depth to groundwater at the Property, coupled with the results of the site investigation activities conducted at the Property, the Towne Cleaners facility is not considered a VEC relative to the Property.

A gasoline station and auto repair operation were located approximately 135 feet to the east of the Property at 179-18 Hillside Avenue from circa the 1950s through the 2000s. Based on the presumed cross-gradient location of the historic uses of the 179-18 Hillside Avenue sites are not considered a REC for this assessment.

Based on the information above, it is CBRE's opinion that data failure, as defined in Section 8.3.2.3 of the ASTM guidelines, has occurred in attempting to document the historical uses of the Property. Data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Data failure is not uncommon in trying to identify the use of the property at five year intervals back to first use or 1940, whichever is earlier. Based on the available information, however, the data gaps are not deemed critical and no prior usage of adjoining properties was identified that would be considered a REC with respect to the Property.

7. PROPERTY RECONNAISSANCE

Date of Inspection: April 29, 2014

Assessor: Brian S. Ricker

The Assessor's qualifications are provided in [Appendix 7](#).

Property Escort: CBRE was unescorted during the property reconnaissance.

Areas Accessed: CBRE visually inspected the Property from the surrounding sidewalks areas and did not access the interior of the Property. The lack of access to the Property is not considered to have significantly limited CBRE's ability to assess the presence of RECs at the Property.

7.1. Methodology and Limiting Conditions

The property reconnaissance consisted of visual observations of the Property and improvements, adjoining properties as viewed from the Property boundaries, and the surrounding area based on visual observations made from adjacent public thoroughfares. Building exteriors were observed along the perimeter from the ground, unless described otherwise. Representative interiors areas were observed as they were made safely accessible, unless described otherwise.

At the time of the reconnaissance, weather conditions were mostly cloudy. No significant inaccessible areas, limitations or physical obstructions were encountered during the reconnaissance other than the parked cars which occupied the majority of the surface area of the Property. The parked vehicles did not significantly limit CBRE's ability to assess the presence of RECs at the Property.

7.2. Visual Observations

During the property reconnaissance, CBRE looked for the following visual indications of environmental concern at the Property. Consistent with the ASTM Standard, the efforts were made to identify the presence of the following items, which could indicate the potential presence of RECs on the Property. Photographs of the Property are provided in [Appendix 2](#).

OBSERVATION	YES	NO
Hazardous Substances and/or Petroleum Products in Connection with Identified Uses		X
Aboveground and Underground Storage Tanks		X

OBSERVATION	YES	NO
Strong, Pungent or Noxious Odors		X
Pools of Liquids		X
Drums and Containers of Hazardous or Unidentified Substances and Petroleum Products		X
Electrical or Hydraulic Equipment Likely to Contain Fluids	X	
Heating, Ventilation and Air Conditioning Equipment	X	
Interior Stains or Corrosion Other than from Water		X
Floor Drains, Sumps, Oil/Water Separators and Clarifiers		X
Pits, Ponds or Lagoons		X
Exterior Stained Soils or Pavement	X	
Stressed Vegetation		X
On-site Solid Waste Disposal or Unknown Fill	X	
Waste Water	X	
Wells		X
Septic Systems		X
Other Visual Concerns		X

- Electrical or Hydraulic Equipment Likely to Contain Fluid

CBRE noted suspected transformer vaults located below the concrete sidewalk along 178th Street. The transformer equipment installed within the vault may contain PCBs. These transformer vaults appear to correspond to an electrical substation owned and operated by the MTA/NYCTA. The maintenance and replacement of this equipment is the responsibility of the MTA/NYCTA; therefore, any environmental cleanups or other actions to be taken as a result of the failure of this equipment would be the responsibility of the MTA/NYCTA.

No hydraulic equipment was identified on the Property.

- Heating and Cooling Source

The Property includes no permanent structures; therefore, no heat systems are present. The attendant's booth is presumed to be heated via a include plug in electric heater.

- Exterior Stained Soil & Pavement

Minor amounts of staining were observed in the parking areas. The staining appeared superficial and limited in extent, consistent with routine leakage from automobiles. It is CBRE's opinion that this is a de minimis condition and is not considered a REC.

- On-site Solid Waste Disposal or Fill

CBRE identified a small pile of wood debris within the northeastern corner of the Property. The wood appears to consist of signboards and pallets. The identified pile of wood debris is not considered a REC for this assessment.

- Waste Water

No operations, likely to require a significant waste water discharge, were noted by or reported to CBRE. No sanitary sewer discharges were identified. Storm water flows off the Property by sheet flow or percolates into the ground.

7.3. Visual Observation Summary

No visual, olfactory or other observation were identified that would indicate the presence of RECs on the Property.

8. ASTM NON-SCOPE CONSIDERATIONS

8.1. Asbestos

Asbestos is a mineral fiber that has been used commonly in a variety of building construction materials for insulation and as a fire-retardant. Because of its fiber strength and heat resistant properties, asbestos was used in roofing shingles, ceiling and floor tiles, insulation products, asbestos cement products, and a host of other building materials. ACM is often classified as either friable or non-friable. Friable ACM, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. Non-friable ACM can be crumbled, pulverized, or reduced to powder during machining, cutting, drilling, or other abrasive procedures. When asbestos-containing materials are damaged or disturbed by repair, remodeling or demolition activities, microscopic fibers become airborne and can be inhaled into the lungs, where they can cause significant health problems. Friable ACM is more likely to release fibers when disturbed or damaged than non-friable ACM.

No permanent buildings are currently present on the Property; therefore, ACM is not considered a concern.

Asbestos Summary

No permanent buildings are currently present on the Property therefore ACM is not considered a concern.

8.2. Radon

Radon is a naturally occurring colorless, odorless gas that is a by-product of the decay of radioactive materials potentially present in bedrock and soil. The USEPA guidance action level for annual residential exposure to radon is 4.0 picoCuries per liter of air (pCi/L). The guidance action level is not a regulatory requirement for private owners of commercial real estate, but is commonly used for comparison purposes to suggest whether further action at a building may be prudent.

A preliminary evaluation of the potential for concerns relating to radon was made using the USEPA Map of Radon Zones. The USEPA Map is based solely on averages in order to identify areas in the country with the potential for elevated indoor radon levels. Elevated levels of radon have been found in all radon zones and a finding that a property is located in a zone with predicted levels of radon below the USEPA action level does not mean a specific property does not have elevated levels of radon. The evaluation considered the location of the property, type of construction utilized and usage of the property.

CBRE requested copies of any previous radon testing that may have been conducted at the Property. CBRE was not provided copies of previous testing.

The Property is located in Radon Zone 3, which has a predicted average indoor screening level of less than 2 pCi/L.

The Property does not appear to be located on or near sites that currently are or formerly were used for uranium, thorium or radium extraction or for phosphate processing. The local water supplies are not known to have elevated levels of radon or radium.

Radon Summary

The Property is not located in an area expected to have elevated levels of radon. Based on the lower anticipated levels, radon is not expected to pose a concern to the Property.

8.3. Lead-Based Paint

Lead was added to paint as a pigment, to speed drying, increase durability or to resist moisture. Although lead improves paint, it was found to pose a health hazard, particularly to children under the age of six, whose bodies are still developing.

No permanent buildings are currently present on the Property; therefore, LBP is not considered a concern.

Lead Based Paint Summary

No permanent buildings are currently present on the Property; therefore, LBP is not considered a concern.

8.4. Drinking Water

The potential for concerns relating to elevated levels of contaminants, particularly lead, was evaluated at the Property. The evaluation looked at the source of drinking water and analytical data, if available.

The NYCDEP supplies potable water to the Property (PWSID NY7003493). The municipal water supply is derived from a network of 19 reservoirs and three controlled lakes located in a 2,000 square-mile watershed that extends 125 miles north and west of New York City. The water supply in 2012 was completely derived from the combined Catskill-Delaware System located in Delaware, Greene, Schoharie, Sullivan, and Ulster counties. In recent years, a portion of the City's water resources have been supplied by the Croton System which consists of the 12 reservoir basins located in Putnam, Westchester, and Dutchess counties. Additional limited water resources have historically been derived from local groundwater wells located within southeastern Queens County.

According to the 2012 NYC Drinking Water Quality Report the drinking water supply sampling results indicate that the water supplied to the Property meets federal and state drinking water standards, including those for lead and copper. Temporary, localized pH levels outside of the USEPA guidelines were identified and have been attributed to water main replacement projects in these locations. Subsequent samples collected from these locations reflected pH levels within the expected ranges. A single exceedence of the turbidity standard was identified during one sampling event for which compliance was later achieved.

Drinking Water Summary

No information was identified that would indicate a concern relating to drinking water quality at the Property.

8.5. Microbial Contamination

There are no permanent buildings on the Property; therefore, no concerns relating to mold were noted.

Mold Summary

No concerns relating to mold were identified at the Property.

8.6. Flood Zones and Wetlands

CBRE reviewed reasonably ascertainable sources to determine if the Property was located in a flood plain and made visual observations to determine if it were likely that all or portions of the Property could be classified as a wetlands.

CBRE was unable to access the FIRM for the area published by the Federal Emergency Management Agency (FEMA) via the FEMA website. Flood data included on the EDR report did not identify the Property to be located within a flood zone.

A wetland delineation survey was beyond the scope of this assessment. CBRE reviewed the applicable United States Fish and Wildlife Service National Wetlands Inventory (NWI) map and USGS quadrangle map. Based on this information, no wetland resources were identified on or adjoining the Property.

Flood Plains and Wetlands Summary

No concerns relating to surface water bodies, flood plains or wetlands were identified based on visual observations or other sources of information reviewed.

9. FINDINGS, OPINIONS AND CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of 178-02, 20, and 36 Hillside Avenue, Jamaica, New York, the Property. Any exceptions to, or deletions from, this practice are described in Section 11 of this report. This assessment has revealed no evidence of RECs in connection with the Property except for the following:

- Based on review of prior environmental reports prepared for the Property (see Section 6.9), a magnetic anomaly was identified within the northwestern portion of the Property for which no explanation has been identified. The description of the anomaly appears consistent with a small underground storage tank (UST). The historic data review conducted for this assessment did not indicate the presence of historic structures within this portion of the Property. CBRE identified no indications that excavation activities were conducted proximal to the identified anomaly; however, the soil sampling conducted proximal to the anomaly did not identify any impacts at this location that would be attributed to a UST containing petroleum products. The identified, uninvestigated anomaly is identified as a REC for this assessment.

An historical recognized environmental condition (HREC) refers to an environmental condition which would have been considered a REC in the past, but which is no longer considered a REC based on subsequent assessment and/or remediation of any contaminants to below the most restrictive (generally residential) cleanup target concentrations or regulatory closure with no formal or implied restricted uses. CBRE did not identify HRECs in connection with the Property.

No significant data gaps were identified that would affect the ability of the environmental professional to identify RECs at the Property.

The ASTM Standard was designed solely to meet the requirements of the USEPA's All Appropriate Inquiries (AAI) to permit the potential purchaser to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability, but recognizes that a User may choose to evaluate other business environmental risks (BERs). The investigation has revealed no BERs associated with the standard ASTM scope considerations, with the exception of the following:

- The Property, as Block 9913, Lots 25, 35, and 41 was identified on E-Designation database as being within the E-175 designated area effective September 10, 2000. The Property is reported to be subject to the "hazmat", air quality, and "noise attenuation" requirements. CBRE contacted the Mayor's Office of Environmental Remediation (OER) to inquire as the regulatory status of the E-Designation identified for the Property. CBRE was informed that a site specific case manager has not been assigned a case manager. Based on these data, it is presumed that the NYCDCP has not provided oversight of the environmental investigations conducted at the

Property to date. The identification of the Property as an E-Designated property is considered a BER for this assessment.

At the request of Client, CBRE conducted a preliminary evaluation for asbestos-containing material (ACM), radon, lead-based paint (LBP), drinking water quality, mold, floodplains and wetland which are ASTM Non-Scope Considerations. This investigation has revealed no concerns relating to these ASTM Non-Scope Considerations in connection with the Property.

10. RECOMMENDATIONS

CBRE recommends that the current status of the E-Designation for the Property be determined. If not previously conducted, the site investigation activities conducted to date should be summarized and submitted for review by the New York City Department of Environmental Protection (NYCDEP). The limited soil and groundwater impacts, discussed in Section 6.9, and the identified, uninvestigated magnetic anomaly should be handled in accordance with the directives from the NYCDEP.

CBRE recognizes that there may be various options for dealing with the concerns identified. The options provided by CBRE are not necessarily the only acceptable alternatives for dealing with a particular concern. Factors such as planned changes to property use, planned renovations, capital restraints or other variables may change what would be considered the most appropriate or prudent alternative. CBRE provides these options solely as guidance for further action.

11. DEVIATIONS AND ADDITIONAL SERVICES

The following items deviated from the ASTM 1527-13 Standard:

- The Standard offers a “Recommended Table of Contents and Report Format.” While CBRE’s report includes all of the information required by the Standard, CBRE did not follow the recommend table of contents and report format for all sections of the report.
- The Standard only requires that the preparer of the report determine the presence of RECs, CRECs and HREC, if any, or data gaps that prevent a conclusion regarding the presence of RECs, CRECs and HRECs be made. At the request of Client, CBRE has included recommendations in this report.
- At the request of Client asbestos-containing materials, radon, lead-based paint, drinking water quality, and mold were addressed in this ESA. These are considered Non-Scope Considerations by the Standard.
- At the request of Client, a preliminary evaluation was made to determine if the Property was located in a flood plain or if portions of the Property could be classified as wetlands. These are considered Non-Scope Considerations by the Standard.

12. WRITTEN DECLARATION OF ENVIRONMENTAL PROFESSIONAL

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

Prepared By:

Reviewed By:

Brian S. Ricker

Aaron Klenke

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:

Reviewed By:

Brian S. Ricker

Aaron Klenke

APPENDIX 1

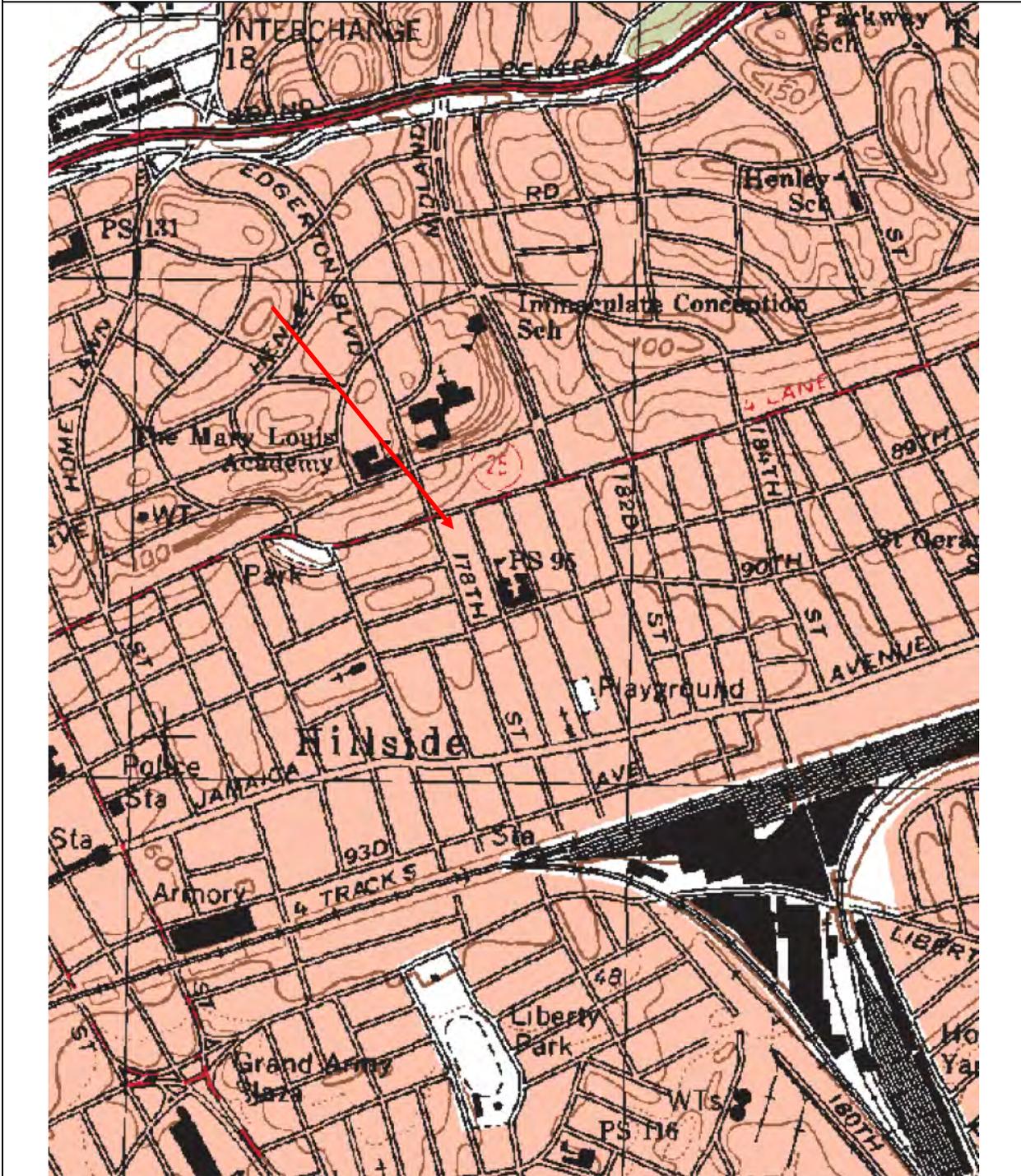
Topographic Map and Property Diagram

[\(Return to Executive Summary\)](#)

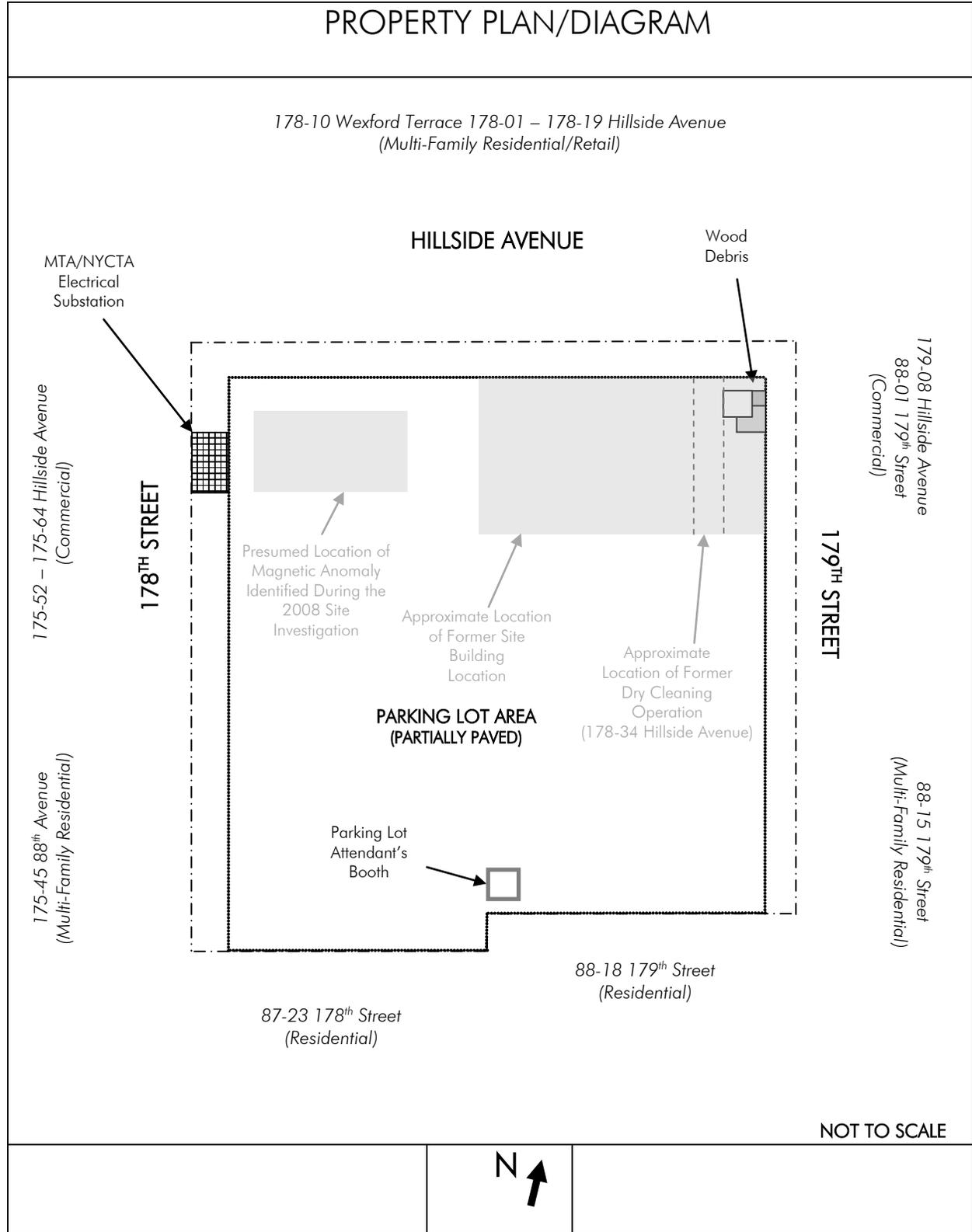
[\(Return to Section 2.2\)](#)

[\(Return to Section 6.5\)](#)

TOPOGRAPHIC MAP



USGS Topographic Map, 7.5 Series	↑ N	Date:	1994
Jamaica, NY		Scale:	1:24,000



APPENDIX 2

Photographs

[\(Return to Executive Summary\)](#)

[\(Return to Section 7.2\)](#)



1. View of the Property looking southwest.



2. View of the Property looking southeast.



3. View of the Property looking northwest.



4. View of the Property looking southwest.



5. View of the Property looking west.



6. View of the Property looking south.



7. View of the Property looking southeast.



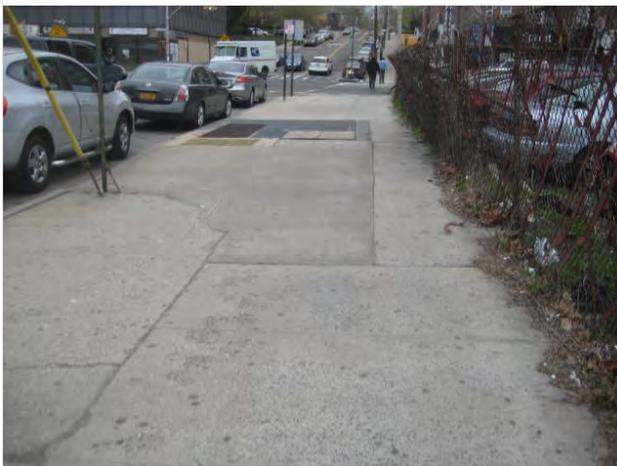
8. View of the Property looking east.



9. View of the Property looking east.



10. View of the parking lot sign.



11. View of the sidewalk area along the western property boundary.



12. View of a suspected MTA/NYCTA transformer station.



View of a southern adjacent property looking southeast.



13. View of the western adjacent properties looking southeast.



14. View of the northern adjacent property looking northeast.



15. View of a dry cleaner identified to the north of the Property.



16. View of the northern adjacent property looking northwest.



17. View of the eastern adjacent properties looking southeast.



18. View of a western adjacent property looking southeast.



19. View of a western adjacent property looking southeast.

APPENDIX 3

Supporting Documentation

[\(Return to Section 2\)](#)

[\(Return to Section 3\)](#)

[\(Return to Section 6.3\)](#)



ALEXANDER BOURNAZOS, U.S.S. LIC. NO. 10000

NO. 101	100000000000	100000000000	100000000000
NO. 102	100000000000	100000000000	100000000000
NO. 103	100000000000	100000000000	100000000000
NO. 104	100000000000	100000000000	100000000000
NO. 105	100000000000	100000000000	100000000000
NO. 106	100000000000	100000000000	100000000000
NO. 107	100000000000	100000000000	100000000000
NO. 108	100000000000	100000000000	100000000000
NO. 109	100000000000	100000000000	100000000000
NO. 110	100000000000	100000000000	100000000000
NO. 111	100000000000	100000000000	100000000000
NO. 112	100000000000	100000000000	100000000000
NO. 113	100000000000	100000000000	100000000000
NO. 114	100000000000	100000000000	100000000000
NO. 115	100000000000	100000000000	100000000000
NO. 116	100000000000	100000000000	100000000000
NO. 117	100000000000	100000000000	100000000000
NO. 118	100000000000	100000000000	100000000000
NO. 119	100000000000	100000000000	100000000000
NO. 120	100000000000	100000000000	100000000000

TOPOGRAPHIC SURVEY

PROJECT FOR THE IMPROVEMENT OF THE SURVEY OF THE SPACE IN THE NEIGHBORHOOD OF BOSTON, U.S.

ARISTOTLE BOURNAZOS, P.C.

101 10th Ave. N.W. Washington, D.C. 20004

101 10th Ave. N.W. Washington, D.C. 20004

BLM 1015 A-4



ALTAZACM LAND TITLE SURVEY

NO. 101 10th Ave. N.W. Washington, D.C. 20004

NO. 102 10th Ave. N.W. Washington, D.C. 20004

NO. 103 10th Ave. N.W. Washington, D.C. 20004

NO. 104 10th Ave. N.W. Washington, D.C. 20004

NO. 105 10th Ave. N.W. Washington, D.C. 20004

NO. 106 10th Ave. N.W. Washington, D.C. 20004

NO. 107 10th Ave. N.W. Washington, D.C. 20004

NO. 108 10th Ave. N.W. Washington, D.C. 20004

NO. 109 10th Ave. N.W. Washington, D.C. 20004

NO. 110 10th Ave. N.W. Washington, D.C. 20004

NO. 111 10th Ave. N.W. Washington, D.C. 20004

NO. 112 10th Ave. N.W. Washington, D.C. 20004

NO. 113 10th Ave. N.W. Washington, D.C. 20004

NO. 114 10th Ave. N.W. Washington, D.C. 20004

NO. 115 10th Ave. N.W. Washington, D.C. 20004

NO. 116 10th Ave. N.W. Washington, D.C. 20004

NO. 117 10th Ave. N.W. Washington, D.C. 20004

NO. 118 10th Ave. N.W. Washington, D.C. 20004

NO. 119 10th Ave. N.W. Washington, D.C. 20004

NO. 120 10th Ave. N.W. Washington, D.C. 20004

LEGEND

1. BOUNDARY

2. EASEMENT

3. RIGHT-OF-WAY

4. UNDEVELOPED LAND

5. DEVELOPED LAND

6. WATER

7. ROAD

8. RAILROAD

9. POWER LINE

10. TELEPHONE LINE

11. FENCE

12. UTILITY POLE

13. SIGN

14. LIGHT

15. TREE

16. SHrub

17. ROCK

18. SAND

19. GRAVEL

20. CLAY

21. SILT

22. SANDSTONE

23. LIMESTONE

24. GRANITE

25. GNEISS

26. SLATE

27. SHALE

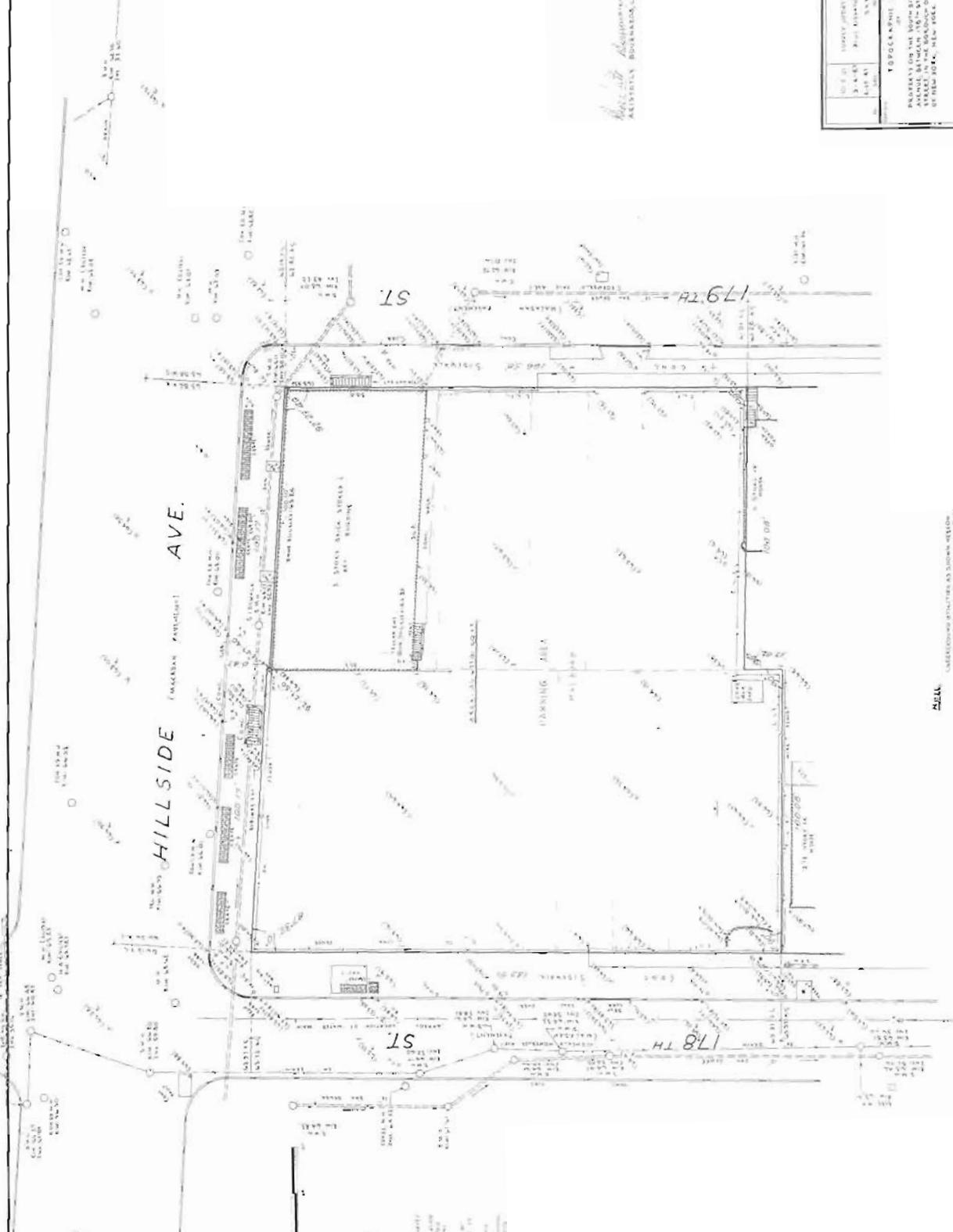
28. SANDSTONE

29. LIMESTONE

30. GRANITE

2544

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE AND IS AVAILABLE AT 101 10th Ave. N.W. AND BUREAU OF LAND MANAGEMENT, WASHINGTON, D.C. 20004





Borough Boundary	C50 Condo Flag/Condo Number
Tax Block Boundary	A50 Air Right Flag/Lot Number
50 Tax Block Number	S50 Subterranean Right Flag/Lot Number
Tax Lot Boundary	R REUC Flag
50 Tax Lot Number	Under Water Tax Lot Boundary
50 Condo FKA Tax Lot Number	Other Boundary
50.5 Tax Lot Dimension	Possession Hook
+/-5.5 Approximate Tax Lot Dimension	Misc Miscellaneous Text
Condo Units Range Label	Small Tax Lot Dimension
Building Footprint	Surface Water

New York City Department of Finance
Office of the City Register

[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:
Borough: QUEENS
Block: 9913
Lot: 25 Unit: N/A
Date Range: To Current Date
Document Class: DEEDS AND OTHER CONVEYANCES

Search Results By Parcel Identifier

Records 1 - 8 << previous next >> Max Rows 10 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Doc Date	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
		2012000397926	25	ENTIRE	9/21/2012	10/9/2012 8:50:43 AM	DEED	7	TRANSLYVANIA REALTY LLC	AGIASOS REALTY LLC				0
		2011000328911	25	ENTIRE	8/15/2011	9/16/2011 12:15:16 PM	DEED	8	THOMAS J. GRAHAM, ESQ., REFEREE	DANIEL DUMITRESCU, AS NOMINEE FOR				110,000
		4743/1479	25	ENTIRE	11/3/1997	12/5/1997	DEED	5	2M REALTY CORP	EAGLE REALTY LLC				0
		4715/355	25	ENTIRE	12/4/1996	11/3/1997	DEED	4	NATIONAL PARK REALTYCORP	BOEHM, FRANCES (TRUSTEE)		✓		0
		4710/1469	25	ENTIRE	10/1/1997	10/29/1997	DEED	5	BOEHM, FRANCES (TRUSTEE)	2M REALTY CORP		✓		0
		3031/85	25	ENTIRE	6/28/1990	7/23/1990	DEED	2	NATIONAL PARK RLTY CORP	BOEHM, FRANCES (TRSTEE)		✓		0
		3031/82	25	ENTIRE	6/28/1990	7/23/1990	DEED	3	BOEHM, ROBERT(DIST)	BOEHM, FRANCES (TRSTEE)		✓		0
		26/331	25	ENTIRE	1/31/1966	1/31/1966	DEED	2	ANDERSON JOHN B (DEVS)	NATIONAL PARK RLTY CP		✓		0

[Search Options] [New Parcel Identifier Search] [Edit Current Search] [View Tax Map]

Go To: [Finance Home Page](#) | [NYC.gov Home Page](#) | [Contact NYC.gov](#) | [FAQs](#) | [Privacy Statement](#) | [Site Map](#)

New York City Department of Finance
Office of the City Register

[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:
Borough: QUEENS
Block: 9913
Lot: 35 Unit: N/A
Date Range: To Current Date
Document Class: DEEDS AND OTHER CONVEYANCES

Search Results By Parcel Identifier

Records 1 - 6 << previous next >> Max Rows 10 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Doc Date	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/Other	More Party 1/2 Names	Corrected/Remarks	Doc Amount
DET IMG		2012000397926	35	ENTIRE LOT	9/21/2012	10/9/2012 8:50:43 AM	DEED	7	TRANSYLVANIA REALTY LLC	AGIASOS REALTY LLC				0
DET IMG		2011000328911	35	ENTIRE LOT	8/15/2011	9/16/2011 12:15:16 PM	DEED	8	THOMAS J. GRAHAM, ESQ., REFEREE	DANIEL DUMITRESCU, AS NOMINEE FOR				110,000
DET IMG	4743/1479		35	ENTIRE LOT	11/3/1997	12/5/1997	DEED	5	2M REALTY CORP	EAGLE REALTY LLC				0
DET IMG	4715/355		35	ENTIRE LOT	12/4/1996	11/3/1997	DEED	4	NATIONAL PARK REALTYCORP	BOEHM, FRANCES (TRUSTEE)		✓		0
DET IMG	4710/1469		35	ENTIRE LOT	10/1/1997	10/29/1997	DEED	5	BOEHM, FRANCES (TRUSTEE)	2M REALTY CORP		✓		0
DET IMG	3031/82		35	ENTIRE LOT	6/28/1990	7/23/1990	DEED	3	BOEHM, ROBERT(DIST)	BOEHM, FRANCES (TRSTEE)		✓		0

[Search Options] [New Parcel Identifier Search] [Edit Current Search] [View Tax Map]

Go To: [Finance Home Page](#) | [NYC.gov Home Page](#) | [Contact NYC.gov](#) | [FAQs](#) | [Privacy Statement](#) | [Site Map](#)

New York City Department of Finance
Office of the City Register

[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:

Borough: QUEENS
Block: 9913
Lot: 41 **Unit:** N/A
Date Range: To Current Date
Document Class: DEEDS AND OTHER CONVEYANCES

Search Results By Parcel Identifier

Records 1 - 6 << previous next >> Max Rows 10 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [Print Index]

View	Reel/Pg/File	CRFN	Lot	Partial	Doc Date	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
		2012000397926	41	ENTIRE LOT	9/21/2012	10/9/2012 8:50:43 AM	DEED	7	TRANSYLVANIA REALTY LLC	AGIASOS REALTY LLC				0
		2011000328911	41	ENTIRE LOT	8/15/2011	9/16/2011 12:15:16 PM	DEED	8	THOMAS J. GRAHAM, ESQ., REFEREE	DANIEL DUMITRESCU, AS NOMINEE FOR				110,000
		4743/1479	41	ENTIRE LOT	11/3/1997	12/5/1997	DEED	5	2M REALTY CORP	EAGLE REALTY LLC				0
		4715/355	41	ENTIRE LOT	12/4/1996	11/3/1997	DEED	4	NATIONAL PARK REALTYCORP	BOEHM, FRANCES (TRUSTEE)		✓		0
		4710/1469	41	ENTIRE LOT	10/1/1997	10/29/1997	DEED	5	BOEHM, FRANCES (TRUSTEE)	2M REALTY CORP		✓		0
		3031/85	41	ENTIRE LOT	6/28/1990	7/23/1990	DEED	2	NATIONAL PARK RLTY CORP	BOEHM, FRANCES (TRSTEE)		✓		0

[Search Options] [New Parcel Identifier Search] [Edit Current Search] [View Tax Map]

Go To: [Finance Home Page](#) | [NYC.gov Home Page](#) | [Contact NYC.gov](#) | [FAQs](#) | [Privacy Statement](#) | [Site Map](#)



Land Use Application Record

Application Summary

Land Use Application ID: C 070314 ZMQ

Project Name:	THE JAMAICA PLAN			
Borough:	QUEENS			
CEQR #:	05DCP081Q			
Related Items:	070158 MMQ	070315 ZRQ	070316 HUQ	070317 HGQ
	070318 PPQ	070322 HDQ	130096 ZRQ	
CP/DCA/LPC Items:				
Location:				
Applicant:	DCP/JFK CENTER ASSOC LLC			
Applicant Rep.:				
Description: (Land Use)	ZO MAP CHANGE FOR APPROX 368 BLOCKS			
Community Districts:	Q08	Q12		
Zoning Resolution Sections:				
Zoning Maps:	14D			
Alteration Maps:				
Zoning Districts:				
CPC Action:	7/11/2007	WITHDRAWN		
City Council Action:				

Project Address/Geography

Land Use Application ID: C 070314 ZMQ

No geography or property addresses available for this Land Use application.

Milestones

Land Use Application ID: C 070314 ZMQ

CEQR #: 05DCP081Q

Milestones include Land Use application milestones as well as related CEQR application milestones. Some milestones may have links to related documents.

Milestone Date(s)	Milestone Detail
05/20/05	EAS (PDS) RECEIVED IN DEPT CITY PLANNING
05/20/05	CEQR DETERMINATION: POSITIVE DECLARATION ISSUED
01/05/07	CEQR: NOTICE OF COMPLETION DRAFT EIS (DEIS) ISSUED
02/05/07	PROPOSAL RECEIVED BY DEPT. OF CITY PLANNING
02/05/07	REVIEW SESSION SCHEDULED FOR
02/05/07	APPLICATION CERTIFIED
02/05/07	NOTICE OF CERTIFICATION TO COMM/BORO BOARDS, BORO PRES., CITY COUNCIL
02/14/07 - 04/16/07	60-DAY COMMUNITY BOARD REVIEW PERIOD
03/29/07	QUEENS COMMUNITY BOARD 08 RECOMMENDATION RECEIVED BY CALENDAR OFFICE
04/17/07 - 05/16/07	30-DAY BOROUGH PRESIDENT REVIEW PERIOD
04/18/07	CB PUBLIC HEARING NON-COMPLY/RECOMMENDATION RECVD AFTER CLOCK EXPIRED
04/18/07	QUEENS COMMUNITY BOARD 12 RECOMMENDATION RECEIVED BY CALENDAR OFFICE
04/30/07	CITY PLANNING PUBLIC MEETING SCHEDULED FOR
05/09/07	CITY PLANNING COMMISSION PUBLIC HEARING SCHEDULED/POSTED/NOTICE SENT
05/14/07	BOROUGH PRESIDENT ISSUES CONDITIONAL FAVORABLE RECOMMENDATION
05/14/07	BOROUGH PRESIDENT RECOMMENDATION RECEIVED
05/16/07	REVIEW SESSION SCHEDULED FOR
05/17/07 - 07/16/07	60-DAY CITY PLANNING COMMISSION REVIEW PERIOD
05/23/07	CITY PLANNING PUBLIC MEETING SCHEDULED FOR
06/18/07	REVIEW SESSION SCHEDULED FOR
06/29/07	CEQR: NOTICE OF COMPLETION FINAL EIS ISSUED
07/11/07	APPLICATION WITHDRAWN
07/11/07	CEQR TECHNICAL MEMO TO MODIFY APPLICATION RECEIVED BY DCP
07/11/07	CEQR: MINOR MODIFICATION NOTICE ISSUED ON REVISED APPLICATION
07/11/07	CITY PLANNING COMMISSION PROCESSING COMPLETED
07/11/07	APPLICATION COMPLETED/TERMINATED
08/03/07	CEQR TECHNICAL MEMO TO MODIFY APPLICATION RECEIVED BY DCP
08/03/07	CEQR: MINOR MODIFICATION NOTICE ISSUED ON REVISED APPLICATION
08/31/07	CEQR TECHNICAL MEMO TO MODIFY APPLICATION RECEIVED BY DCP
08/31/07	CEQR: MINOR MODIFICATION NOTICE ISSUED ON REVISED APPLICATION



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

NYC Department of Buildings

Address Information

Page: 1 of 1

Premises: 87-11 178 STREET QUEENS

BIN: [4814434](#) Block: 9913 Lot: 25

LOW NUMBER

HIGH NUMBER

STREET NAME

STCDE

BIN

87-11

87-11

178 STREET

24970

[4814434](#)

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



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

NYC Department of Buildings
Property Profile Overview

87-11 178 STREET
 178 STREET 87-11 - 87-11

QUEENS 11432

BIN# 4814434
 Tax Block : 9913
 Tax Lot : 25

Community Board : 412

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

[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:

Special Status: N/A

Local Law: NO

Loft Law: NO

SRO Restricted: NO

TA Restricted: NO

UB Restricted: NO

Little 'E' Restricted: HAZMAT/NOISE/AIR

Grandfathered Sign: NO

Legal Adult Use: NO

City Owned: NO

Additional BINs for Building: NONE

Additional Designation(s): JAM - JAMAICA PLAN AREA

Special District: DJ - DOWNTOWN JAMAICA

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

Department of Finance Building Classification: G6-GARAGE/GAS STAT'N

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

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-ECB (DOB)	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Actions	9	

- [Elevator Records](#)
- [Electrical Applications](#)
- [Permits In-Process / Issued](#)
- [Illuminated Signs Annual Permits](#)
- [Plumbing Inspections](#)
- [Open Plumbing Jobs / Work Types](#)
- [Facades](#)
- [Marquee Annual Permits](#)
- [Boiler Records](#)
- [DEP Boiler Information](#)
- [Crane Information](#)
- [After Hours Variance Permits](#)

OR Enter Action Type:

OR Select from List:

Select...

AND

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



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

NYC Department of Buildings

Actions

Page: 1

BIN: [4814434](#) Block: 9913 Lot: 25

Premises: 87-11 178 STREET QUEENS
NUMBER

ALT 455-75(178-02-18HILLSIDE
COQ 190423(ALT455-75)
DEM 32-75(DWG)
GAS 13884-20
NB 4615-20
NB 12147-21
THR 179THSTLTS25272830
THR 33-35-414243

TYPE

ALTERATION
[\(PDF\)](#) CERTIFICATE OF OCCUPANCY - QUEENS
DEMOLITION
NEW BUILDING
NEW BUILDING

FILE DATE

00/00/0000
00/00/1975
00/00/1975
00/00/1975
00/00/1920
00/00/1920
00/00/1921
00/00/0000
00/00/1935

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



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

NYC Department of Buildings
Property Profile Overview

NO RECORDS WERE FOUND FOR BOILER FILE

87-11 178 STREET
178 STREET

87-11 - 87-11

QUEENS 11432

BIN# 4814434

Tax Block : 9913

Tax Lot : 25

Community Board : 412

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

[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:

Local Law:	NO	Special Status:	N/A
SRO Restricted:	NO	Loft Law:	NO
UB Restricted:	NO	TA Restricted:	NO
Little 'E' Restricted:	HAZMAT/NOISE/AIR	Grandfathered Sign:	NO
Legal Adult Use:	NO	City Owned:	NO
Additional BINs for Building:	NONE		
Additional Designation(s):	JAM - JAMAICA PLAN AREA		

Special District: DJ - DOWNTOWN JAMAICA

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

Department of Finance Building Classification: G6-GARAGE/GAS STAT'N

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

	Total	Open	
Complaints	0	0	Elevator Records
Violations-DOB	0	0	Electrical Applications
Violations-ECB (DOB)	0	0	Permits In-Process / Issued
Jobs/Filings	0		Illuminated Signs Annual Permits
ARA / LAA Jobs	0		Plumbing Inspections
Total Jobs	0		Open Plumbing Jobs / Work Types
Actions	9		Facades
OR Enter Action Type: <input type="text"/>			Marquee Annual Permits
OR Select from List:			Boiler Records
Select...			DEP Boiler Information
			Crane Information
			After Hours Variance Permits

AND

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.

HOUSING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS
CERTIFICATE OF OCCUPANCY

BOROUGH: **QUEENS** DATE: **6/23/76** NO. **Q 190423**

This certificate supersedes C.O. No.

ZONING DISTRICT **C2-2/R-6**

THIS CERTIFIES that the new—~~altered~~—~~existing~~—building—premises located at

178-02-178-30 Hillside Ave

Block **9913**

Lot **25, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45**

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES, AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

455/75

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING DWELLING OR ROOMING UNITS	BUILDING CODE HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
	O.G.				8		Open Parking Lot for (149) Cars. Parking Lot is fully Attended.

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED
 WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES
 OF THE DEPARTMENT PROMULGATED MARCH 31ST, 1962.

OPEN SPACE USES _____

(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS
 A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND
 SPECIFICATIONS NOTED ON THE REVERSE SIDE.

H. S. [Signature]

BOROUGH SUPERINTENDENT

JEREMIAN T. WALSH

COMMISSIONER

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the South east Corner side of corner formed by the intersection of
distant Hillside Ave and 78th St.
running thence IRREGULAR PLOT feet; thence IRREGULAR PLOT feet;
thence IRREGULAR PLOT feet; thence IRREGULAR PLOT feet;
thence IRREGULAR PLOT feet; thence IRREGULAR PLOT feet;
to the point or place of beginning.

N.B. or ALT. No. Alt 455/75 DATE OF COMPLETION 5/18/76 CONSTRUCTION CLASSIFICATION ---
BUILDING OCCUPANCY GROUP CLASSIFICATION Commercial HEIGHT --- STORIES --- FEET ---

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM			AUTOMATIC SPRINKLER SYSTEM		
YARD HYDRANT SYSTEM					
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM					
SMOKE DETECTOR					
FIRE ALARM AND SIGNAL SYSTEM					

- STORM DRAINAGE DISCHARGES INTO:
- A) SANITARY SEWER B) COMBINED SEWER C) PRIVATE SEWAGE DISPOSAL SYSTEM
- SANITARY DRAINAGE DISCHARGES INTO:
- A) SANITARY SEWER B) COMBINED SEWER C) PRIVATE SEWAGE DISPOSAL SYSTEM

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. 549/75-BZ EUI No. 16, Vol LXI
CITY PLANNING COMMISSION CAL. NO. ---
OTHERS:



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

NYC Department of Buildings

Address Information From Department of City Planning

Page: 1 of 1

Premises: 178-20 HILLSIDE AVENUE QUEENS

BIN: [4212276](#) Block: 9913 Lot: 35

LOW NUMBER	HIGH NUMBER	STREET NAME	STCDE	BIN
178-20	178-36	HILLSIDE AVENUE	49690	4212276
88-02	88-08	179 STREET	25040	4212276

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



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

NYC Department of Buildings
Property Profile Overview

178-20 HILLSIDE AVENUE	QUEENS 11432	BIN# 4212276
179 STREET	88-02 - 88-08	Health Area : 2810
HILLSIDE AVENUE	178-20 - 178-36	Census Tract : 468
		Community Board : 412
		Buildings on Lot : 1
		Tax Block : 9913
		Tax Lot : 35
		Condo : NO
		Vacant : NO

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

[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

Cross Street(s): 178 STREET, 179 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
 Little 'E' Restricted: NOISE/AIR Grandfathered Sign: NO
 Legal Adult Use: NO City Owned: NO
 Additional BINs for Building: NONE
 Additional Designation(s): JAM - JAMAICA PLAN AREA

Special District: DJ - DOWNTOWN JAMAICA

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

Department of Finance Building Classification: V1-VACANT LAND

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

	Total	Open	
Complaints	18	0	Elevator Records
Violations-DOB	36	0	Electrical Applications
Violations-ECB (DOB)	11	3	Permits In-Process / Issued
Jobs/Filings	8		Illuminated Signs Annual Permits
ARA / LAA Jobs	1		Plumbing Inspections
Total Jobs	9		Open Plumbing Jobs / Work Types
Total Actions	0		Facades
			Marquee Annual Permits
			Boiler Records
			DEP Boiler Information
			Crane Information
			After Hours Variance Permits

OR Enter Action Type:

OR Select from List:

AND



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

NYC Department of Buildings

Boiler Query

Premises: 178-20 HILLSIDE AVENUE QUEENS

BIN: [4212276](#) Block: 9913 Lot: 35

VIOL	NUM	MD	SER#	STATUS	INSP-DATE	RECV-DATE	NAME
	110015	N	01	VOID			
N	72793	N	01	VOID	01/09/1992	03/23/1992	I 3043 LIBERTY MUTUAL INSURANCE

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



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

NYC Department of Buildings

Boiler Details

Premises: 178-20 HILLSIDE AVENUE QUEENS

BIN: [4212276](#) Block: 9913 Lot: 35

Boiler-No: 110015

Serial-No: 01

Type: COMMERCIAL LOW PRESSURE

Boiler Status: VOID

Review Required:

Filed At: 178-22 HILLSIDE AVE

BIN: [4212276](#) BBL: 4-09913-00035

Located in: BSMT

Make of Boiler: W MCLAIN

Year:

Over6: No

No-of-Boilers: 01

Fee: Yes

School: No

INSP-DATE	REC-DATE	ENTRY DATE	NAME	RESULTS	NYS CERTIFICATE
07/20/2007			BLDG. DEMO SEEMS	J# 402625389 S/O 7/30/08	
01/02/1998			MANZELLA	F/T 400567953	

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



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

NYC Department of Buildings

Boiler Details

Premises: 178-20 HILLSIDE AVENUE QUEENS

BIN: [4212276](#) Block: 9913 Lot: 35

Boiler-No: 72793

Serial-No: 01

Type: COMMERCIAL LOW PRESSURE

Boiler Status: VOID

Review Required:

Filed At: 178-20 HILLSIDE AVENUE

BIN: [4212276](#) BBL: 4-09913-00035

Located in: STORE/APT.

Make of Boiler:

Year: 1975

Over6: No

No-of-Boilers: 01

Fee: Yes

School: No

INSP-DATE	REC-DATE	ENTRY DATE	NAME	RESULTS	NYS CERTIFICATE
01/09/1992	03/23/1992	07/29/1992	LIBERTY MUTUAL INSURANCE	NO DEFECTS	3043
<hr/>					
07/20/2007			BUILDING DEMO		JOB#402625389 S/O7/30/08

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



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

NYC Department of Buildings

C of O PDF Listing for Property

Premises: 178-20 HILLSIDE AVENUE QUEENS

BIN: [4212276](#) Block: 9913 Lot: 35

Download the [Adobe Acrobat Reader](#) if you are unable to open the PDF files

To report a problem with any of these images, please use the [CO Image Problem Form](#)

JOB 401699417:

NO C/Os ISSUED OR NO IMAGE AVAILABLE

[Back](#)

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.

HOUSING AND DEVELOPMENT ADMINISTRATION
DEPARTMENT OF BUILDINGS
CERTIFICATE OF OCCUPANCY

BOROUGH: **QUEENS** DATE: **6/23/76** NO. **Q 190423**

This certificate supersedes C.O. No.

ZONING DISTRICT **C2-2/R-6**

THIS CERTIFIES that the new—~~altered~~—~~existing~~—building—premises located at

178-02-178-30 Hillside Ave

Block **9913**

Lot **25, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45**

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES, AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN

PERMISSIBLE USE AND OCCUPANCY

455/75

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING DWELLING OR ROOMING UNITS	BUILDING CODE HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
	O.G.				8		Open Parking Lot for (149) Cars. Parking Lot is fully Attended.

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED
 WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES
 OF THE DEPARTMENT PROMULGATED MARCH 31ST, 1967.

OPEN SPACE USES _____

(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS
 A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND
 SPECIFICATIONS NOTED ON THE REVERSE SIDE.

H. S. [Signature]

BOROUGH SUPERINTENDENT

JEREMIAN T. WALSH

COMMISSIONER

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the South east Corner side of corner formed by the intersection of
distant Hillside Ave and 78th St.
running thence IRREGULAR PLOT feet; thence IRREGULAR PLOT feet;
thence IRREGULAR PLOT feet; thence IRREGULAR PLOT feet;
thence IRREGULAR PLOT feet; thence IRREGULAR PLOT feet;
to the point or place of beginning.

N.B. or ALT. No. Alt 455/75 DATE OF COMPLETION 5/18/76 CONSTRUCTION CLASSIFICATION ---
BUILDING OCCUPANCY GROUP CLASSIFICATION Commercial HEIGHT --- STORIES --- FEET ---

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM			AUTOMATIC SPRINKLER SYSTEM		
YARD HYDRANT SYSTEM					
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM					
SMOKE DETECTOR					
FIRE ALARM AND SIGNAL SYSTEM					

- STORM DRAINAGE DISCHARGES INTO:
- A) SANITARY SEWER B) COMBINED SEWER C) PRIVATE SEWAGE DISPOSAL SYSTEM
- SANITARY DRAINAGE DISCHARGES INTO:
- A) SANITARY SEWER B) COMBINED SEWER C) PRIVATE SEWAGE DISPOSAL SYSTEM

LIMITATIONS OR RESTRICTIONS:

BOARD OF STANDARDS AND APPEALS CAL. NO. 549/75-BZ EUI No. 16, Vol LXI
CITY PLANNING COMMISSION CAL. NO. ---
OTHERS:

May 7, 2014

Ms. Rena Bryant
City of New York Department of Health and Mental Hygiene
Bureau of Environmental Health Services
Records Access Clerk
125 Worth Street
New York, New York 10013

Re: Request for Files
Block 9913, Lots 25, 35, and 41
178-02, 20, 36 Hillside Avenue; 87-11 178th Street; and 88-02 – 88-08 179th Street
Jamaica, Queens, New York 11432
CBRE File No.: 14-460TX-0646

Dear Ms. Bryant:

CBRE, Inc. (CBRE) is conducting a Phase I Environmental Site Assessment at the above referenced property. This letter constitutes a request for a file search of inspection and/or environmental (underground storage tanks, fires, spills etc.) related records for the subject property. CBRE is also interested in obtaining information regarding citizen complaints and/or investigations on the use, handling, release, or discharge of solid or liquid wastes, hazardous materials, and any other circumstances of environmental concern for the subject property. CBRE is requesting a search of both current and historical records to the beginning of the record. File searches are requested for, but not limited to, the following bureaus/divisions within the Department of Health: Public Health Engineering, Environmental Investigations, and Radiation.

Please contact Mr. Brian S. Ricker if you have any questions or comments, regarding this request.

Sincerely,

CBRE, INC.



Brian S. Ricker | Staff Assessor
CBRE | Assessment & Consulting Services
One Penn Plaza, Suite 1835 | New York, NY 10119
T 212 715 5742 | F 212 207 6069 | C 646 327 9165
brian.ricker@cbre.com | www.cbre.com

May 7, 2014

FOIL Records Access Officer, Bureau of Legal Affairs
City of New York Department of Environmental Protection
59-17 Junction Boulevard, 19th Floor
Flushing, New York 11373-5108

Re: Request for Files
Block 9913, Lots 25, 35, and 41
178-02, 20, 36 Hillside Avenue; 87-11 178th Street; and 88-02 – 88-08 179th Street
Jamaica, Queens, New York 11432
CBRE File No.: 14-460TX-0646

To Whom it May Concern:

CBRE, Inc. (CBRE) is conducting a Phase I Environmental Site Assessment at the above referenced property. This letter constitutes a request for a file search of inspection and/or environmental (underground storage tanks, fires, spills etc.) related records for the property. CBRE is also interested in obtaining Community Right to Know Surveys, records of violations, discharges of hazardous substances or wastes, and any environmental permits held for the facility. CBRE is requesting a search of both current and historical records to the beginning of the record. It is requested that records be searched within, but not limited to, the following bureaus/divisions within the Department of Environmental Protection: Hazardous Material, Bureau of Wastewater Pollution Control, Division of Environmental Enforcement Air and Noise, Bureau of Environmental Remediation – Asbestos.

Attached please find a completed Application for Records, Article 6 Form. Please contact Mr. Brian S. Ricker if you have any questions or comments, regarding this request.

Sincerely,

CBRE, INC.



Brian S. Ricker | Staff Assessor
CBRE | Assessment & Consulting Services
One Penn Plaza, Suite 1835 | New York, NY 10119
T 212 715 5742 | F 212 207 6069 | C 646 327 9165
brian.ricker@cbre.com | www.cbre.com

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

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

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

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

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

See attached Block 9913 Lots 25, 35, 41
 Location: 178-02/20/36 Hillside Avenue, 07-11 178th St, 0802 - 88-08 179th St, Jamaica, Queens
 Time frame/date of records: All

Name: Brian S. Ricker Phone: (646) 327-9165 E-Mail: brian.ricker@cbre.com
 Firm: CBRE, Inc.
 Address: One Penn Plaza Suite 1835 City New York State NY Zip Code 10119
 Signature:  Date: 5/7/2014

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

APPROVED **APPROVED IN PART** -- To arrange for access to the records, please contact:

(Department Representative)	(Bureau)	(Phone No.)
Number of Pages: _____	x\$.25 per page = Cost: _____	

DENIED **DENIED IN PART** -- for reason(s) checked: References are to Sec. 87 of the Public Officers Law.

- | | |
|--|---|
| <input type="checkbox"/> Exempt: State/Fed. Statute (2(a)) | <input type="checkbox"/> Exempt: Law Enforcement (2(e)) |
| <input type="checkbox"/> Invasion of personal privacy (2(b)) | <input type="checkbox"/> Inter/Intra-agency material (2(g)) |
| <input type="checkbox"/> Competitive position injury (2(d)) | <input type="checkbox"/> (Other) _____ |

Brief Description of records not subject to disclosure _____

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

UNAVAILABLE -- for reason(s) checked:

- | | |
|---|--|
| <input type="checkbox"/> Not described in sufficient detail | <input type="checkbox"/> Not maintained by this Department |
| <input type="checkbox"/> After search, no records responsive to request located | |
| <input type="checkbox"/> (Other) _____ | |

LOG NO.: _____

(Department Representative)	(Bureau)	(Date)
-----------------------------	----------	--------

May 7, 2014

Records Custodian
FOIL Division
New York State Department of Environmental Conservation
Hunters Point Plaza, 2nd Floor
47-40 21st Street
Long Island City, NY 11101

Re: Request for Files
Block 9913, Lots 25, 35, and 41
178-02, 20, 36 Hillside Avenue; 87-11 178th Street; and 88-02 – 88-08 179th Street
Jamaica, Queens, New York 11432
CBRE File No.: 14-460TX-0646

To Whom It May Concern:

CBRE, Inc. (CBRE) is conducting a Phase I Environmental Site Assessment at the above referenced property. This letter constitutes a request for a file search of inspection and/or environmental (underground storage tanks, fires, spills etc.) related records for the property. CBRE is also interested in obtaining Community Right to Know Surveys, records of violations, discharges of hazardous substances or wastes, and any environmental permits held for the facility. CBRE is requesting a search of both current and historical records, dating back as far as the records go.

Please contact Mr. Brian S. Ricker if you have any questions or comments, regarding this request.

Sincerely,

CBRE, INC.

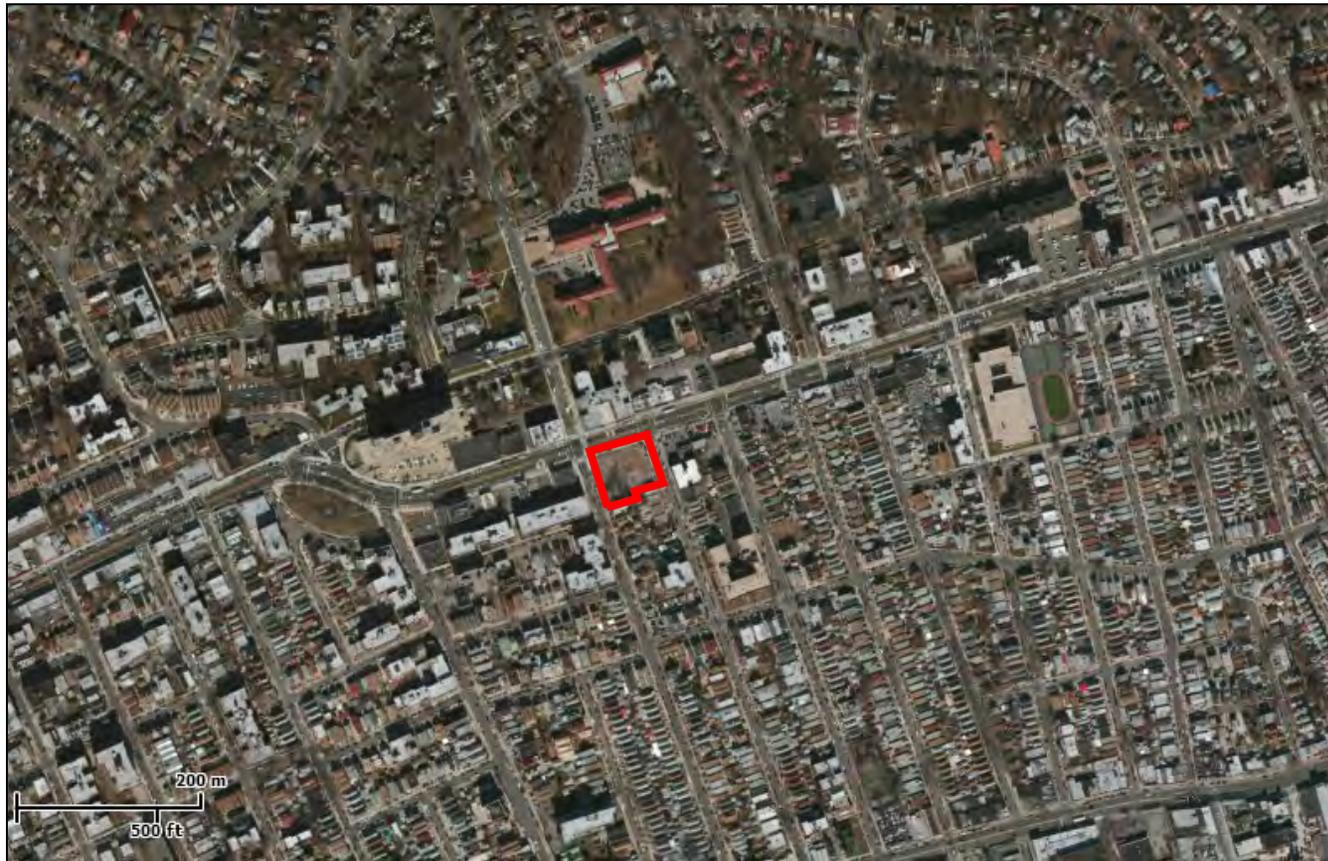


Brian S. Ricker | Staff Assessor
CBRE | Assessment & Consulting Services
One Penn Plaza, Suite 1835 | New York, NY 10119
T 212 715 5742 | F 212 207 6069 | C 646 327 9165
brian.ricker@cbre.com | www.cbre.com



U.S. Fish and Wildlife Service National Wetlands Inventory

May 13, 2014



Wetlands

-  Freshwater Emergent
-  Freshwater Forested/Shrub
-  Estuarine and Marine Deepwater
-  Estuarine and Marine
-  Freshwater Pond
-  Lake
-  Riverine
-  Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

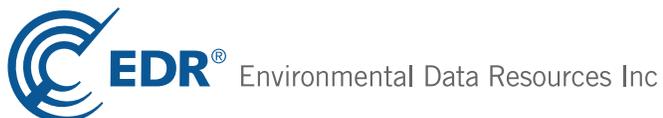
APPENDIX 4
Regulatory Records
[\(Return to Section 5\)](#)

Vacant Lot

17802 Hillside Avenue
Jamaica, NY 11432

Inquiry Number: 3925681.2s
April 28, 2014

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	402
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

17802 HILLSIDE AVENUE
JAMAICA, NY 11432

COORDINATES

Latitude (North): 40.7121000 - 40° 42' 43.56"
Longitude (West): 73.7848000 - 73° 47' 5.28"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 602647.5
UTM Y (Meters): 4507297.0
Elevation: 67 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40073-F7 JAMAICA, NY
Most Recent Revision: 1994

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2011
Source: USDA

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

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Registry of Engineering Controls
INST CONTROL..... Registry of Institutional Controls

EXECUTIVE SUMMARY

RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Agreements

State and tribal Brownfields sites

ERP..... Environmental Restoration Program Listing

BROWNFIELDS..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

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

SWRCY..... Registered Recycling Facility List

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

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

DEL SHWS..... Delisted Registry Sites

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

Local Lists of Registered Storage Tanks

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

Local Land Records

LIENS 2..... CERCLA Lien Information

LIENS..... Spill Liens Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

NY Hist Spills..... SPILLS Database

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

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

Other Ascertainable Records

DOT OPS..... Incident and Accident Data

DOD..... Department of Defense Sites

FUDS..... Formerly Used Defense Sites

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

EXECUTIVE SUMMARY

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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

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

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>J & L ADIKES INC</i>	<i>182-12 93RD AVE</i>	<i>SE 1/4 - 1/2 (0.409 mi.)</i>	<i>119</i>	<i>356</i>

Federal RCRA generators list

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 03/11/2014 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NYC DEPT OF EDUCATION - PS 95Q</i>	<i>179-01 90TH AVE</i>	<i>SSE 0 - 1/8 (0.095 mi.)</i>	<i>H52</i>	<i>180</i>

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 03/11/2014 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NYC TRANSIT AUTH</i>	<i>179TH ST & HILLSIDE AVE</i>	<i>NNE 0 - 1/8 (0.001 mi.)</i>	<i>A3</i>	<i>15</i>
<i>TOWNE CLEANERS</i>	<i>178-17 HILLSIDE AVE</i>	<i>N 0 - 1/8 (0.002 mi.)</i>	<i>A8</i>	<i>31</i>
<i>WEE CARE CLEANERS</i>	<i>172-29 HILLSIDE AVE</i>	<i>W 1/8 - 1/4 (0.215 mi.)</i>	<i>Q92</i>	<i>301</i>

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

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

A review of the SHWS list, as provided by EDR, and dated 03/27/2014 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEST SIDE CORPORATION	107-10 180TH STREET	SSE 1/2 - 1 (0.749 mi.)	AD136	389
Class Code: Significant threat to the public health or environment - action required.				

VAPOR REOPENED: "Vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Improvements in analytical techniques and knowledge gained from site investigations in New York and other states has led to an increased awareness of soil vapor as a medium of concern and of the potential for exposures from the soil vapor intrusion pathway. Based on this additional information, New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

A review of the VAPOR REOPENED list, as provided by EDR, and dated 02/17/2014 has revealed that there is 1 VAPOR REOPENED site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WEST SIDE CORP	107-10 180TH STREET	SSE 1/2 - 1 (0.749 mi.)	AD137	397

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

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 SWF/LF list, as provided by EDR, and dated 12/12/2013 has revealed that there are 7 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VERONICA AUTO SALV. CORP D/B/A	92-18 183RD STREET	ESE 1/4 - 1/2 (0.431 mi.)	124	369
KARL AUTO COLLISION	177-16 LIBERTY AVE	SSE 1/4 - 1/2 (0.446 mi.)	126	373
F & M TRANSIT MIX	180-25 LIBERTY AVE.	SSE 1/4 - 1/2 (0.470 mi.)	129	376
CATALYTIC CONVERTER CORP	175-15 LIBERTY AVE	S 1/4 - 1/2 (0.471 mi.)	AB130	377
JOEY AUTO COLLISION & REPAIR I	175-11 LIBERTY AVE	S 1/4 - 1/2 (0.472 mi.)	AB131	377
AMERICAN RECYCLING MANAGEMENT;	172-33 DOUGLAS AVENUE	S 1/4 - 1/2 (0.488 mi.)	AC133	382
REGAL RECYCLING INC.	172-06 DOUGLAS AVENUE	SSW 1/4 - 1/2 (0.493 mi.)	AC134	386

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

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

A review of the LTANKS list, as provided by EDR, and dated 02/17/2014 has revealed that there are 40 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
177-18 WEXFORD TERRACE Spill Number/Closed Date: 9112116 / 2/26/1992	177-18 WEXFORD TERRACE	NW 0 - 1/8 (0.074 mi.)	F37	131
SPILL NUMBER 9811281 Spill Number/Closed Date: 9811281 / 12/8/1998	177-18 WESFORD TERR	NW 0 - 1/8 (0.074 mi.)	F39	137
CLOSED-LACKOF RECENT INFO Spill Number/Closed Date: 8804380 / 3/5/2003	175-61 HILLSIDE AVENUE	W 0 - 1/8 (0.078 mi.)	E43	151
175-10 88TH AVE Spill Number/Closed Date: 0010833 / 12/11/2003	175-10 88TH AVE	WSW 0 - 1/8 (0.096 mi.)	G53	195
C.I.S. FAMILY SHELTER Spill Number/Closed Date: 0101885 / 1/31/2006	175-10 88TH AVENUE	WSW 0 - 1/8 (0.097 mi.)	G54	196
SPILL NUMBER 0209332 Spill Number/Closed Date: 0008140 / 5/4/2004 Spill Number/Closed Date: 0209332 / 5/4/2004	87-01 MIDLAND PARKWAY	NE 1/8 - 1/4 (0.144 mi.)	J69	248
175-20 WEXFORD TERRACE Spill Number/Closed Date: 8806054 / 10/2/1992	175-20 WEXFORD TERRACE	W 1/8 - 1/4 (0.159 mi.)	M75	259
86-75 MIDLAND PKWY Spill Number/Closed Date: 0650747 / 2/9/2007	86-75 MIDLAND PARKWAY	NE 1/8 - 1/4 (0.171 mi.)	O82	276
TTF ON 1000 GAL HOUSE TANK Spill Number/Closed Date: 1006418 / 8/12/2011	86-15 MIDLAND PKWY	N 1/8 - 1/4 (0.250 mi.)	100	331
SCHOOL Spill Number/Closed Date: 0703894 / 8/14/2007	179-14 DALNY ROAD	N 1/4 - 1/2 (0.250 mi.)	T101	333
179-14 DALNY ROAD Spill Number/Closed Date: 8805883 / 2/25/1993	179-14 DALNY ROAD	N 1/4 - 1/2 (0.251 mi.)	T102	334
8615 AVA PL Spill Number/Closed Date: 9508885 / 10/19/1995	8615 AVA PL	WNW 1/4 - 1/2 (0.258 mi.)	V106	339
LANDRON RESIDENCE Spill Number/Closed Date: 9801245 / 2/19/2003	172-32 HIGHLAND AVE	WNW 1/4 - 1/2 (0.263 mi.)	V107	340
87-50 KINGSTON PL Spill Number/Closed Date: 9614747 / 3/25/1997	87-50 KINGSTON PL	W 1/4 - 1/2 (0.264 mi.)	S108	341
170-06 88TH ST Spill Number/Closed Date: 9808119 / 7/6/2007	170-06 88TH AVE	WSW 1/4 - 1/2 (0.352 mi.)	115	351
CAYCEDO RESIDENCE Spill Number/Closed Date: 0102236 / 8/10/2001	86-18 KINGSTON PL	WNW 1/4 - 1/2 (0.354 mi.)	116	353
84-65 AVON STREET Spill Number/Closed Date: 9300855 / 4/12/1993	84-65 AVON STREET	NNE 1/4 - 1/2 (0.428 mi.)	Z123	366
SPILL NUMBER 9809312 Spill Number/Closed Date: 9809312 / 10/27/1998	182-19 HENLY RD	NNE 1/4 - 1/2 (0.446 mi.)	Z127	374
SPILL NUMBER 9808118 Spill Number/Closed Date: 9808118 / 5/6/1999	87-46 CHELSEA RD	ENE 1/4 - 1/2 (0.484 mi.)	132	381

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PURAN HOME Spill Number/Closed Date: 0610068 / 5/18/2007	168-11 88TH AVE	WSW 1/4 - 1/2 (0.500 mi.)	135	387
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
90-70 178TH ST Spill Number/Closed Date: 9508795 / 10/18/1995	90-70 178TH ST	SSE 1/8 - 1/4 (0.157 mi.)	74	258
9053 176TH STREET Spill Number/Closed Date: 9208993 / 11/4/1992	9053 176TH STREET	S 1/8 - 1/4 (0.180 mi.)	84	278
JAMAICA WOODS ASSOC Spill Number/Closed Date: 0907362 / 12/16/2009	173-17 89TH AVENUE	SW 1/8 - 1/4 (0.193 mi.)	87	282
HIGHLAND CARE CENTER Spill Number/Closed Date: 9312301 / 1/20/1994	91-31 175TH ST	SSW 1/8 - 1/4 (0.199 mi.)	P88	290
175-15 JAMAICA AVE Spill Number/Closed Date: 9211653 / 1/11/1993	175-15 JAMAICA AVE	S 1/4 - 1/2 (0.251 mi.)	103	336
90-22 172ND ST. Spill Number/Closed Date: 9311039 / 12/13/1993	90-22 172ND ST.	SW 1/4 - 1/2 (0.256 mi.)	U104	337
90-21 172ND ST Spill Number/Closed Date: 9105077 / 8/11/1991	90-21 172ND ST	SW 1/4 - 1/2 (0.257 mi.)	U105	338
D & S ENTERPRISES Spill Number/Closed Date: 9611770 / 12/27/1996	173-18 JAMAICA AVE	SSW 1/4 - 1/2 (0.273 mi.)	109	343
BETHESDA BAPTIST CHURCH Spill Number/Closed Date: 9912608 / 2/16/2000	179-09 JAMAICA AV	SSE 1/4 - 1/2 (0.281 mi.)	W110	344
179-26 JAMAICA AVENUE Spill Number/Closed Date: 8605995 / 12/5/1996	179-26 JAMAICA AVENUE	SSE 1/4 - 1/2 (0.292 mi.)	W111	345
180-11 JAMAICA AVE Spill Number/Closed Date: 9511153 / 12/6/1995	180-11 JAMAICA AVE	SE 1/4 - 1/2 (0.304 mi.)	X112	348
CLOSED-LACKOF RECENT INFO Spill Number/Closed Date: 9000827 / 3/4/2003	180002 JAMAICA AVENUE	SE 1/4 - 1/2 (0.308 mi.)	X113	349
RECIDENCE Spill Number/Closed Date: 9606653 / 8/23/1996	177 -07 93 RD AVE	SSE 1/4 - 1/2 (0.344 mi.)	114	350
QUEENS BLVD LINCOLN Spill Number/Closed Date: 0410972 / 6/18/2008	92-12 172ND ST	SSW 1/4 - 1/2 (0.360 mi.)	117	354
PERSAUD HOME Spill Number/Closed Date: 0513984 / 3/7/2006	172-16 93RD AVE	SSW 1/4 - 1/2 (0.408 mi.)	118	355
INTERNATIONAL TOWERS (BAISLEY) Spill Number/Closed Date: 9806031 / 11/22/2011	92-20 170TH STREET	SSW 1/4 - 1/2 (0.410 mi.)	Y120	359
104-32 89TH AVENUE Spill Number/Closed Date: 9501841 / 5/14/1995	104-32 89TH AVE	E 1/4 - 1/2 (0.420 mi.)	121	362
CONLON LIHFE -NYCHA Spill Number/Closed Date: 9805960 / 3/24/1999 Spill Number/Closed Date: 9105263 / 8/12/2013	92-33 170TH ST	SSW 1/4 - 1/2 (0.425 mi.)	Y122	364
169-11 JAMAICA AVENUE Spill Number/Closed Date: 9416141 / 3/14/1995	169-11 JAMAICA AVENUE	SW 1/4 - 1/2 (0.441 mi.)	AA125	372
JAMAICA AVE/169TH ST Spill Number/Closed Date: 0513290 / 4/5/2006	JAMAICA AVE/169TH ST	SW 1/4 - 1/2 (0.446 mi.)	AA128	375

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 12/30/2013 has revealed that there are 22 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PASSIONIST MONASTERY IMMACULAT	86-45 178TH STREET	W 0 - 1/8 (0.002 mi.)	A4	19
88-10 178TH STREET	88-10 178TH STREET	SSW 0 - 1/8 (0.008 mi.)	A10	45
EDGERTON APARTMENTS LLC	178-10 WEXFORD TERRACE	NNW 0 - 1/8 (0.045 mi.)	D18	87
SHELLY ESTATES GROUP	175-61 HILLSIDE AVENUE	W 0 - 1/8 (0.078 mi.)	E42	147
WINSTON HALL	178-60 WEXFORD TERR	NNE 0 - 1/8 (0.079 mi.)	45	154
COMPTON OWNERS CORPORATION	175-45 88TH AVENUE	SW 0 - 1/8 (0.085 mi.)	G48	164
C.I.S. FAMILY SHELTER	175-10 88TH AVENUE	WSW 0 - 1/8 (0.097 mi.)	G54	196
THE MARY LOUIS ACADEMY	176-21 WEXFORD TERRACE	WNW 0 - 1/8 (0.097 mi.)	F55	207
GUY AMERICAN	175-36 HILLSIDE AVE	W 0 - 1/8 (0.114 mi.)	I60	218
THE MARY LOUIS ACADEMY CONVENT	86-44 EDGERTON BOULEVARD	NNW 1/8 - 1/4 (0.133 mi.)	K65	237
MIDLAND GARDENS	87-01 MIDLAND PARKWAY	NE 1/8 - 1/4 (0.139 mi.)	J66	240
87-20 APT CORP	87-20 175TH STREET	WSW 1/8 - 1/4 (0.140 mi.)	I67	242
PASSIONIST MONASTERY	86-45 EDGERTON BLVD	NNW 1/8 - 1/4 (0.143 mi.)	K68	244
175-20 WEXFORD TERRACE OWNERS	175-20 WEXFORD TERRACE	W 1/8 - 1/4 (0.160 mi.)	M77	264
WEXFORD APARTMENTS, LLC.	86-75 MIDLAND PARKWAY	NE 1/8 - 1/4 (0.171 mi.)	O80	272
CORONET HALL	172-70 HIGHLAND AVENUE	WNW 1/8 - 1/4 (0.191 mi.)	86	279
87-50 KINGSTON PLACE	87-50 KINGSTON PLACE	W 1/8 - 1/4 (0.243 mi.)	S98	323
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JAMAICA AUTO	179-18 HILLSIDE AVENUE	NE 0 - 1/8 (0.038 mi.)	B15	58
88-15 ASSOCIATES L.L.C.	88-15 179TH ST	SE 0 - 1/8 (0.040 mi.)	C17	84
88-50 OWNERS CORP.	88-50 179TH STREET	SE 0 - 1/8 (0.062 mi.)	C31	117
JAMAICA WOODS ASSOC	173-17 89TH AVENUE	SW 1/8 - 1/4 (0.193 mi.)	87	282
HIGHLAND CARE CENTER	91-31 175TH ST	SSW 1/8 - 1/4 (0.199 mi.)	P88	290

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 12/30/2013 has revealed that there are 21 AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PASSIONIST MONASTERY IMMACULAT	86-45 178TH STREET	W 0 - 1/8 (0.002 mi.)	A4	19
88-10 178TH STREET	88-10 178TH STREET	SSW 0 - 1/8 (0.008 mi.)	A11	47
FAMMA REALTY CORP	88-10 178 ST	SSW 0 - 1/8 (0.014 mi.)	A12	51
COMPTON OWNERS CORPORATION	175-45 88TH AVENUE	SW 0 - 1/8 (0.085 mi.)	G47	161
175-21 88TH AVE	175-21 88TH AVE	WSW 0 - 1/8 (0.093 mi.)	G49	166
C.I.S. FAMILY SHELTER	175-10 88TH AVENUE	WSW 0 - 1/8 (0.097 mi.)	G54	196
175-27 WEXFORD TERRACE	175-27 WEXFORD TERRACE	W 1/8 - 1/4 (0.153 mi.)	M72	252
DAVID ASSOCIATES 175	175-39 DALNY ROAD	NW 1/8 - 1/4 (0.153 mi.)	N73	255
HIGHLAND TERRACE	172-90 HIGHLAND AVE	WNW 1/8 - 1/4 (0.160 mi.)	N76	261
175-20 WEXFORD TERRACE OWNERS	175-20 WEXFORD TERRACE	W 1/8 - 1/4 (0.160 mi.)	M78	266
WEXFORD ARMS REALTY LLC	175-05 WEXFORD TERRACE	W 1/8 - 1/4 (0.168 mi.)	M79	268
WEXFORD APARTMENTS, LLC.	86-75 MIDLAND PARKWAY	NE 1/8 - 1/4 (0.171 mi.)	O81	274

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PARK SANFORD	87-70 173RD STREET	W 1/8 - 1/4 (0.207 mi.)	Q89	293
MIDLAND MANOR OWNERS CORP.	182-25 WEXFORD TERR	NE 1/8 - 1/4 (0.242 mi.)	97	321
88-22 172 STREET	88-22 172 STREET	WSW 1/8 - 1/4 (0.248 mi.)	99	328

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JAMAICA AUTO	179-18 HILLSIDE AVENUE	NE 0 - 1/8 (0.038 mi.)	B15	58
88-50 OWNERS CORP.	88-50 179TH STREET	SE 0 - 1/8 (0.062 mi.)	C32	120
PUBLIC SCHOOL 95-QUEENS	179-01 90TH AVENUE	SE 0 - 1/8 (0.094 mi.)	H51	173
B.H.M. REALTY CORP	87-24 MIDLAND PKY	NE 1/8 - 1/4 (0.125 mi.)	J64	235
88-30 182ND STREET	88-30 182ND STREET	E 1/8 - 1/4 (0.211 mi.)	R90	295
INTERMEDIATE SCHOOL 238 - QUEE	88-15 182ND STREET	ENE 1/8 - 1/4 (0.216 mi.)	R95	318

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 14 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PASSIONIST MONASTERY IMMACULAT	86-45 178TH STREET	W 0 - 1/8 (0.002 mi.)	A4	19
88-10 178TH STREET	88-10 178TH STREET	SSW 0 - 1/8 (0.008 mi.)	A11	47
SHELLY ESTATES GROUP	175-61 HILLSIDE AVENUE	W 0 - 1/8 (0.078 mi.)	E42	147
COMPTON OWNERS CORPORATION	175-45 88TH AVENUE	SW 0 - 1/8 (0.085 mi.)	G47	161
C.I.S. FAMILY SHELTER	175-10 88TH AVENUE	WSW 0 - 1/8 (0.097 mi.)	G54	196
THE MARY LOUIS ACADEMY	176-21 WEXFORD TERRACE	WNW 0 - 1/8 (0.097 mi.)	F55	207
THE MARY LOUIS ACADEMY CONVENT	86-44 EDGERTON BOULEVARD	NNW 1/8 - 1/4 (0.133 mi.)	K65	237
PASSIONIST MONASTERY	86-45 EDGERTON BLVD	NNW 1/8 - 1/4 (0.143 mi.)	K68	244
CORONET HALL	172-70 HIGHLAND AVENUE	WNW 1/8 - 1/4 (0.191 mi.)	86	279
87-50 KINGSTON PLACE	87-50 KINGSTON PLACE	W 1/8 - 1/4 (0.243 mi.)	S98	323

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JAMAICA AUTO	179-18 HILLSIDE AVENUE	NE 0 - 1/8 (0.038 mi.)	B15	58
88-15 ASSOCIATES L.L.C.	88-15 179TH ST	SE 0 - 1/8 (0.040 mi.)	C17	84
88-50 OWNERS CORP.	88-50 179TH STREET	SE 0 - 1/8 (0.062 mi.)	C32	120
JAMAICA WOODS ASSOC	173-17 89TH AVENUE	SW 1/8 - 1/4 (0.193 mi.)	87	282

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 02/17/2014 has revealed that there are

EXECUTIVE SUMMARY

10 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TANK Spill Number/Closed Date: 0608031 / 11/21/2006	178-28 WEXFORD TERRACE	NNW 0 - 1/8 (0.066 mi.)	D34	128
178-28 WEXFORD TERRACE Spill Number/Closed Date: 9209801 / 11/23/1992	178-28 WEXFORD TERRACE	NNW 0 - 1/8 (0.066 mi.)	D35	129
177-14 WESFORD TERR Spill Number/Closed Date: 9305735 / 9/14/1993	177-14 WESFORD TERR	NW 0 - 1/8 (0.073 mi.)	E36	130
CLOSED-LACKOF RECENT INFO Spill Number/Closed Date: 9210165 / 12/2/1992	175-61 HILLSIDE AVENUE	W 0 - 1/8 (0.078 mi.)	E43	151
175-61 HILLSIDE AVENUE Spill Number/Closed Date: 9305737 / 8/11/1993	175-61 HILLSIDE AVE	W 0 - 1/8 (0.079 mi.)	E44	153
BEHIND 175-61 HILLSIDE AV Spill Number/Closed Date: 9911228 / 2/6/2004	BEHIND 175-61 HILLSIDE	W 0 - 1/8 (0.110 mi.)	I59	217

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JAMAICA AUTO Spill Number/Closed Date: 9704039 / 9/21/2010	179-18 HILLSIDE AVENUE	NE 0 - 1/8 (0.038 mi.)	B15	58
NYCT Spill Number/Closed Date: 0101298 / 3/8/2013	179TH PL/HILLSIDE AVE	ENE 0 - 1/8 (0.050 mi.)	B20	94
88-37 179TH STREET Spill Number/Closed Date: 9307444 / 2/18/2003	88-37 179TH STREET	SE 0 - 1/8 (0.052 mi.)	C23	97
88-28 180TH ST Spill Number/Closed Date: 9514134 / 2/6/1996	88-28 180TH ST	E 0 - 1/8 (0.105 mi.)	57	213

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 03/11/2014 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYCTA - 178TH STREET SUBSTATIO	HILLSIDE AVE & 178TH ST	WNW 0 - 1/8 (0.002 mi.)	A5	24
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MTA NYCT - PUMP ROOM #2137	182ND ST & HILLSIDE AVE	ENE 1/8 - 1/4 (0.214 mi.)	91	298

EXECUTIVE SUMMARY

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

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2013 has revealed that there are 9 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>NYC TRANSIT AUTH</i>	<i>179TH ST & HILLSIDE AVE</i>	<i>NNE 0 - 1/8 (0.001 mi.)</i>	<i>A3</i>	<i>15</i>
<i>NYCTA - 178TH STREET SUBSTATIO</i>	<i>HILLSIDE AVE & 178TH ST</i>	<i>WNW 0 - 1/8 (0.002 mi.)</i>	<i>A5</i>	<i>24</i>
<i>TOWNE CLEANERS</i>	<i>178-17 HILLSIDE AVE</i>	<i>N 0 - 1/8 (0.002 mi.)</i>	<i>A8</i>	<i>31</i>
<i>WE CARE CLEANERS INCORPORATED</i>	<i>172-29 HILLSIDE AVENUE</i>	<i>W 1/8 - 1/4 (0.216 mi.)</i>	<i>Q93</i>	<i>306</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON	8831 179 ST	SE 0 - 1/8 (0.050 mi.)	C21	95
CON EDISON	8841 179 PLACE	ESE 0 - 1/8 (0.058 mi.)	28	107
<i>NYC DEPT OF EDUCATION - PS 95Q</i>	<i>179-01 90TH AVE</i>	<i>SSE 0 - 1/8 (0.095 mi.)</i>	<i>H52</i>	<i>180</i>
CON EDISON	9034 179 PL	SE 1/8 - 1/4 (0.146 mi.)	70	250
<i>MTA NYCT - PUMP ROOM #2137</i>	<i>182ND ST & HILLSIDE AVE</i>	<i>ENE 1/8 - 1/4 (0.214 mi.)</i>	<i>91</i>	<i>298</i>

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 01/21/2014 has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOWNE CLEANERS	178-17 HILLSIDE AVE.	N 0 - 1/8 (0.002 mi.)	A7	30
<i>WE CARE CLEANERS INCORPORATED</i>	<i>172-29 HILLSIDE AVENUE</i>	<i>W 1/8 - 1/4 (0.216 mi.)</i>	<i>Q93</i>	<i>306</i>

E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the E DESIGNATION list, as provided by EDR, and dated 03/12/2014 has revealed that there are 21 E DESIGNATION sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 25,TAXBLOCK 9913	HILLSIDE AVENUE	0 - 1/8 (0.000 mi.)	A1	8
LOT 60,TAXBLOCK 9937	179-01 HILLSIDE AVENUE	NNE 0 - 1/8 (0.001 mi.)	A2	12
LOT 35,TAXBLOCK 9913	178-26 HILLSIDE AVENUE	N 0 - 1/8 (0.002 mi.)	A6	27
LOT 35,TAXBLOCK 9914	179-08 HILLSIDE AVENUE	NE 0 - 1/8 (0.017 mi.)	B13	53
LOT 50,TAXBLOCK 9835	175-35 HILLSIDE AVENUE	W 0 - 1/8 (0.047 mi.)	E19	89
LOT 32,TAXBLOCK 9835	177-22 87 DRIVE	NW 0 - 1/8 (0.059 mi.)	E29	108
LOT 26,TAXBLOCK 9834	HILLSIDE AVENUE	WSW 0 - 1/8 (0.060 mi.)	E30	113
LOT 28,TAXBLOCK 9835	177-16 87 DRIVE	WNW 0 - 1/8 (0.066 mi.)	E33	123
LOT 30,TAXBLOCK 9835	177-18 WEXFORD TERRACE	NW 0 - 1/8 (0.074 mi.)	F38	132
LOT 33,TAXBLOCK 9835	177-30 WEXFORD TERRACE	NW 0 - 1/8 (0.074 mi.)	F40	138
LOT 26,TAXBLOCK 9835	177-14 87 DRIVE	WNW 0 - 1/8 (0.077 mi.)	E41	143
LOT 23,TAXBLOCK 9835	177-06 87 DRIVE	WNW 0 - 1/8 (0.080 mi.)	E46	156
LOT 16,TAXBLOCK 9834	175-20 HILLSIDE AVENUE	W 0 - 1/8 (0.094 mi.)	G50	168
LOT 33,TAXBLOCK 9834	175-52 HILLSIDE AVENUE	W 0 - 1/8 (0.102 mi.)	I56	210
LOT 28,TAXBLOCK 9834	175-42 HILLSIDE AVENUE	W 0 - 1/8 (0.109 mi.)	I58	214
LOT 20,TAXBLOCK 9834	175-30 HILLSIDE AVENUE	W 0 - 1/8 (0.117 mi.)	I61	227
LOT 10,TAXBLOCK 9834	HILLSIDE AVENUE	WSW 0 - 1/8 (0.121 mi.)	I62	231
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 40,TAXBLOCK 9914	179-18 HILLSIDE AVENUE	NE 0 - 1/8 (0.038 mi.)	B16	79

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 56,TAXBLOCK 9937	179-25 HILLSIDE AVENUE	ENE 0 - 1/8 (0.053 mi.)	B24	98
LOT 31,TAXBLOCK 9915	179-30 HILLSIDE AVENUE	ENE 0 - 1/8 (0.053 mi.)	B25	101
LOT 33,TAXBLOCK 9915	179-36 HILLSIDE AVENUE	ENE 0 - 1/8 (0.058 mi.)	B27	104

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 7 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	17918 HILLSIDE AVE	ENE 0 - 1/8 (0.036 mi.)	B14	57
Not reported	17928 HILLSIDE AVE	ENE 0 - 1/8 (0.051 mi.)	B22	96
Not reported	17936 HILLSIDE AVE	ENE 0 - 1/8 (0.057 mi.)	B26	104
Not reported	18102 HILLSIDE AVE	ENE 1/8 - 1/4 (0.151 mi.)	L71	251
Not reported	18134 HILLSIDE AVE	ENE 1/8 - 1/4 (0.171 mi.)	L83	277
Not reported	9108 175TH ST	SSW 1/8 - 1/4 (0.186 mi.)	P85	279
Not reported	17227 91ST AVE	SSW 1/8 - 1/4 (0.240 mi.)	96	321

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 3 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

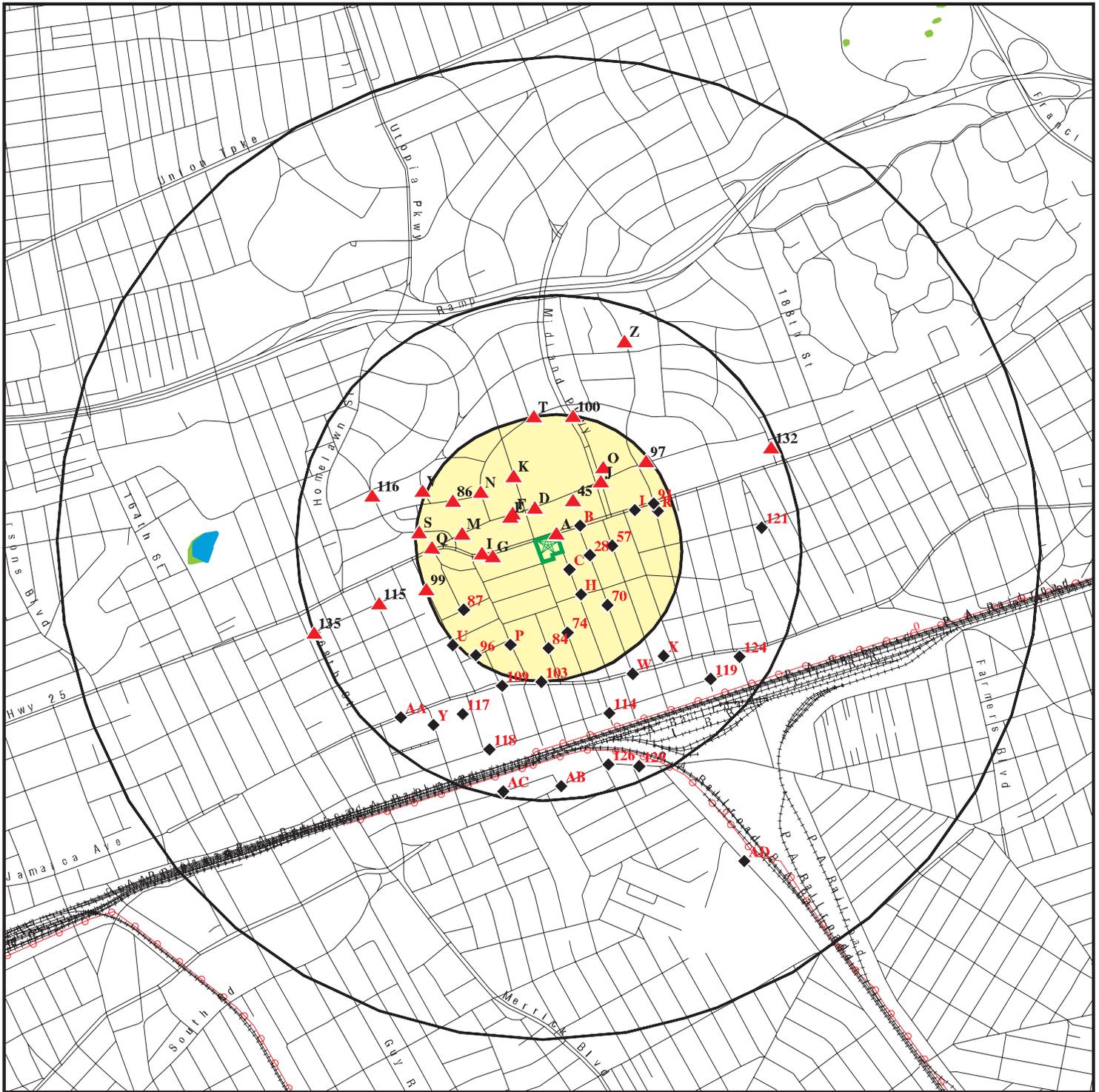
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	17817 HILLSIDE AVE	N 0 - 1/8 (0.006 mi.)	A9	45
Not reported	17514 HILLSIDE AVE	W 1/8 - 1/4 (0.125 mi.)	I63	234
Not reported	17229 HILLSIDE AVE	W 1/8 - 1/4 (0.216 mi.)	Q94	317

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
TM6118	RCRA NonGen / NLR, MANIFEST
NYNEX	MANIFEST
CONSOLIDATED EDISON CO #3000	MANIFEST
LOT 97,TAXBLOCK 10164	E DESIGNATION
LOT 10,TAXBLOCK 10223	E DESIGNATION
LOT 344,TAXBLOCK 6862	E DESIGNATION
LOT 6,TAXBLOCK 9789	E DESIGNATION
CON EDISON - MANHOLE 21028	RCRA-LQG
CON EDISON - MANHOLE 18712	RCRA-LQG
NYSDOT BIN 1065100	RCRA-LQG
CON EDISON - MANHOLE 428	RCRA-LQG
RITE AID #3677	RCRA-LQG
CON EDISON - MANHOLE 17317	RCRA-LQG
CON EDISON - MANHOLE 20802	RCRA-LQG
CON EDISON - MANHOLE 18611	RCRA-LQG
NICKA K COSMETICS	RCRA-CESQG
CVS PHARMACY #2718	RCRA-CESQG
LOT POLISH AIRLINES PAN AM	FINDS
LIRR	NY Spills
JOHNSON AVE PARKING LOT	NY Spills

OVERVIEW MAP - 3925681.2s



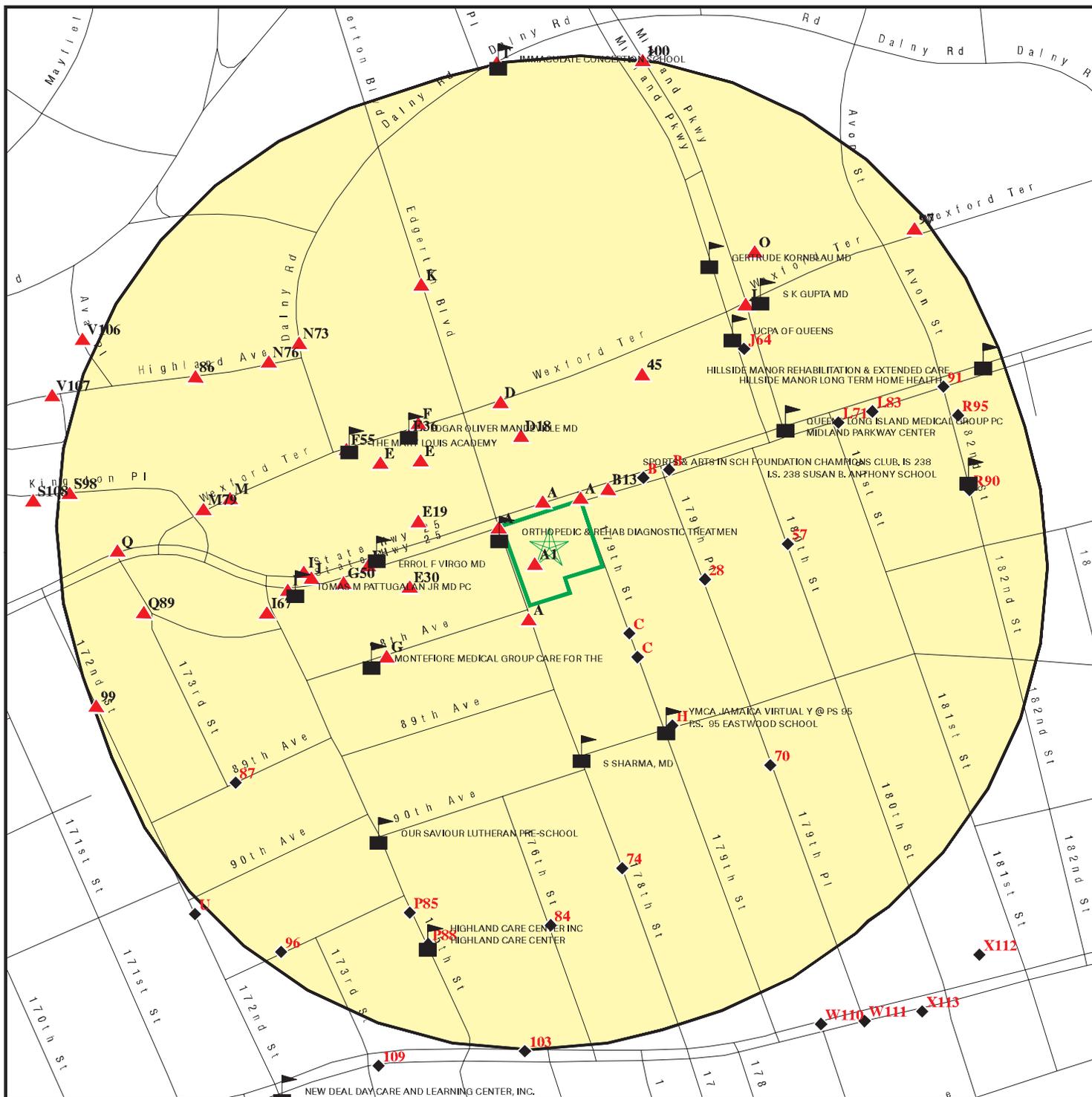
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

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

SITE NAME: Vacant Lot
 ADDRESS: 17802 Hillside Avenue
 Jamaica NY 11432
 LAT/LONG: 40.7121 / 73.7848

CLIENT: CBRE, Inc.
 CONTACT: Brian S. Ricker
 INQUIRY #: 3925681.2s
 DATE: April 28, 2014 5:35 pm

DETAIL MAP - 3925681.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone

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

SITE NAME: Vacant Lot
 ADDRESS: 17802 Hillside Avenue
 Jamaica NY 11432
 LAT/LONG: 40.7121 / 73.7848

CLIENT: CBRE, Inc.
 CONTACT: Brian S. Ricker
 INQUIRY #: 3925681.2s
 DATE: April 28, 2014 5:38 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	1	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	0	NR	NR	NR	1
RCRA-CESQG	0.250		2	1	NR	NR	NR	3
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	1	NR	1
VAPOR REOPENED	1.000		0	0	0	1	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	7	NR	NR	7
<i>State and tribal leaking storage tank lists</i>								
LTANKS	0.500		5	8	27	NR	NR	40
HIST LTANKS	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>State and tribal registered storage tank lists</i>								
TANKS	0.250		0	0	NR	NR	NR	0
UST	0.250		12	10	NR	NR	NR	22
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
AST	0.250		9	12	NR	NR	NR	21
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
RES DECL	0.125		0	NR	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
HIST UST	0.250		9	5	NR	NR	NR	14
HIST AST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		10	NR	NR	NR	NR	10
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
SPILLS 80	0.125		0	NR	NR	NR	NR	0
SPILLS 90	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	1	NR	NR	NR	2
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		6	3	NR	NR	NR	9
DRYCLEANERS	0.250		1	1	NR	NR	NR	2
SPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125		21	NR	NR	NR	NR	21
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		3	4	NR	NR	NR	7
EDR US Hist Cleaners	0.250		1	2	NR	NR	NR	3

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

A1 **LOT 25,TAXBLOCK 9913**
HILLSIDE AVENUE
< 1/8 **QUEENS, NY 11432**
1 ft.

E DESIGNATION **S108983490**
N/A

Site 1 of 12 in cluster A

Relative:
Higher

E DESIGNATION:

Actual:
67 ft.

Tax Lot(s):	25
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	QN
Community District:	412
Census Tract:	468
Census Block:	1005
School District:	29
City Council District:	27
Fire Company:	L125
Health Area:	44
Police Precinct:	103
Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	C2-2
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-2/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	EAGLE REALTY LLC C/O
Lot Area:	000018750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0100.00
Lot Depth:	0189.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 25,TAXBLOCK 9913 (Continued)

S108983490

Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000337500
Total Assessed Value: 00000337500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 0000
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.00
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099130025
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1043868
Y Coordinate: 0198734
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 25
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1005
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 25,TAXBLOCK 9913 (Continued)

S108983490

All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G7
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: EAGLE REALTY LLC C/O
Lot Area: 000018750
Total Building Floor Area: 00000000000
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0100.00
Lot Depth: 0189.00
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000337500
Total Assessed Value: 00000337500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 0000
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.00
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099130025
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1043868
Y Coordinate: 0198734
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 25,TAXBLOCK 9913 (Continued)

S108983490

Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 25
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1005
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G7
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: EAGLE REALTY LLC C/O
Lot Area: 000018750
Total Building Floor Area: 0000000000
Commercial Floor Area: 0000000000
Office Floor Area: 0000000000
Retail Floor Area: 0000000000
Garage Floor Area: 0000000000
Storage Floor Area: 0000000000
Factory Floor Area: 0000000000
Other Floor Area: 0000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0100.00
Lot Depth: 0189.00
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 3

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 25,TAXBLOCK 9913 (Continued)

S108983490

Basement Type Grade: 5
 Land Assessed Value: 00000337500
 Total Assessed Value: 00000337500
 Land Exempt Value: 00000000000
 Total Exempt Value: 00000000000
 Year Built: 0000
 Year Built Code: Not reported
 Year Altered1: 0000
 Year Altered2: 0000
 Historic District Name: Not reported
 Landmark Name: Not reported
 Built Floor Area Ratio-Far: 0000.00
 Maximum Allowable Far: 02.43
 Borough Code: 4
 Borough Tax Block And Lot: 4099130025
 Condominium Number: 00000
 Census Tract 2: 0468
 X Coordinate: 1043868
 Y Coordinate: 0198734
 Zoning Map: 14D
 Sanborn Map: 407 015
 Tax Map: 44303
 E Designation No: Not reported
 Date of RPAD Data: 11/2005
 Date of DCAS Data: 01/2006
 Date of Zoning Data: 11/2005
 Date of Major Property Data: 11/2005
 Date of Landmark Data: 12/2005
 Date of Base Map Data: 01/2006
 Date of Mass Appraisal Data: 11/2005
 Date of Political and Adm Data: 08/2005
 Pluto-Base Map Indicator: 1

A2
NNE
 < 1/8
 0.001 mi.
 7 ft.

LOT 60,TAXBLOCK 9937
179-01 HILLSIDE AVENUE
QUEENS, NY 11432
Site 2 of 12 in cluster A

E DESIGNATION S108983777
N/A

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 60
 E-No: E-175
Actual: Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
 Borough Code: QN
 Community District: 408
 Census Tract: 466
 Census Block: 1005
 School District: 29
 City Council District: 24
 Fire Company: L125
 Health Area: 44
 Police Precinct: 107

Actual:
 67 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 60,TAXBLOCK 9937 (Continued)

S108983777

Zone District 1: R5
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R5
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K1
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: P
Owner Name: JACOB, PAULA
Lot Area: 000032200
Total Building Floor Area: 00000013000
Commercial Floor Area: 00000013000
Office Floor Area: 00000000000
Retail Floor Area: 00000013000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00002
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00010
Lot Frontage: 0230.00
Lot Depth: 0144.00
Building Frontage: 0211.67
Building Depth: 0083.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000724500
Total Assessed Value: 00001035000
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1950
Year Built Code: Not reported
Year Altered1: 1999
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.40
Maximum Allowable Far: 01.25
Borough Code: 4
Borough Tax Block And Lot: 4099370060
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1044047
Y Coordinate: 0199071
Zoning Map: 14D
Sanborn Map: 407 029
Tax Map: 44304

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 60,TAXBLOCK 9937 (Continued)

S108983777

E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 60
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1005
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R5
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R5
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K1
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: P
Owner Name: JACOB, PAULA
Lot Area: 000032200
Total Building Floor Area: 00000013000
Commercial Floor Area: 00000013000
Office Floor Area: 00000000000
Retail Floor Area: 00000013000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00002
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00010
Lot Frontage: 0230.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 60,TAXBLOCK 9937 (Continued)

S108983777

Lot Depth: 0144.00
Building Frontage: 0211.67
Building Depth: 0083.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000724500
Total Assessed Value: 00001035000
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1950
Year Built Code: Not reported
Year Altered1: 1999
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.40
Maximum Allowable Far: 01.25
Borough Code: 4
Borough Tax Block And Lot: 4099370060
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1044047
Y Coordinate: 0199071
Zoning Map: 14D
Sanborn Map: 407 029
Tax Map: 44304
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

A3
NNE
< 1/8
0.001 mi.
7 ft.

**NYC TRANSIT AUTH
179TH ST & HILLSIDE AVE
JAMAICA, NY 11432**

**RCRA-CESQG 1006810647
MANIFEST NYR000114694**

Site 3 of 12 in cluster A

**Relative:
Higher**

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: NYC TRANSIT AUTH
Facility address: 179TH ST & HILLSIDE AVE
JAMAICA, NY 11432
EPA ID: NYR000114694
Mailing address: BROADWAY
NEW YORK, NY 10004
Contact: PAUL KARMATI
Contact address: BROADWAY
NEW YORK, NY 10004
Contact country: US
Contact telephone: (646) 252-3105

**Actual:
67 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC TRANSIT AUTH (Continued)

1006810647

Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: NYC TRANSIT AUTH
Owner/operator address: 179TH ST & HILLSIDE AVE
JAMAICA, NY 11432
Owner/operator country: US
Owner/operator telephone: (646) 252-3105
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 04/01/2003
Owner/Op end date: Not reported

Owner/operator name: NYC TRANSIT AUTH
Owner/operator address: BROADWAY
NEW YORK, NY 10004
Owner/operator country: US
Owner/operator telephone: (646) 252-3105
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: 04/01/2003
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC TRANSIT AUTH (Continued)

1006810647

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYC TRANSIT AUTH
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/01/2003
Facility name: NYC TRANSIT AUTH
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

EPA ID: NYR000114694
Country: USA
Mailing Name: NYC TRANSIT AUTHORITY
Mailing Contact: USHAKANT PATEL
Mailing Address: 2 BROADWAY
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 646-252-3500

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD046765574
Trans2 State ID: Not reported
Generator Ship Date: 2011-01-04
Trans1 Recv Date: 2011-01-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2011-01-04
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000114694
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: Not reported
Quantity: 20.0
Units: P - Pounds
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 000201575WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC TRANSIT AUTH (Continued)

1006810647

Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

Document ID: NYG2717244
Manifest Status: Not reported
Trans1 State ID: NYD077444263
Trans2 State ID: Not reported
Generator Ship Date: 04/28/2003
Trans1 Recv Date: 04/28/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/30/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000114694
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: Not reported
TSD ID: 40580PANY
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00300
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00
Year: 2003

Document ID: NYG4335795
Manifest Status: Not reported
Trans1 State ID: 1637905ME
Trans2 State ID: Not reported
Generator Ship Date: 02/26/2004
Trans1 Recv Date: 02/26/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/04/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000114694
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSD ID: NYD049836
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00720
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00180
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC TRANSIT AUTH (Continued)

1006810647

Year: 2004

Document ID: NYG4334508
Manifest Status: Not reported
Trans1 State ID: 1637984ME
Trans2 State ID: Not reported
Generator Ship Date: 05/11/2004
Trans1 Recv Date: 05/11/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/18/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000114694
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSD ID: NYD049836
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00150
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2004

A4
West
< 1/8
0.002 mi.
8 ft.

PASSIONIST MONASTERY IMMACULATE CONCEP.
86-45 178TH STREET
JAMAICA, NY 11432

UST U001836660
HIST UST N/A
AST

Site 4 of 12 in cluster A

Relative:
Higher

UST:
Id/Status: 2-291048 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 602544.63864999998
UTM Y: 4507709.6320900004
Site Type: Unknown

Actual:
68 ft.

Affiliation Records:

Site Id: 13179
Affiliation Type: Facility Owner
Company Name: PASSIONIST MONASTERY IMMACULATE CONCEPTION
Contact Type: Not reported
Contact Name: Not reported
Address1: 86-45 178 ST
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 739-6502
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PASSIONIST MONASTERY IMMACULATE CONCEP. (Continued)

U001836660

Date Last Modified: 3/4/2004

Site Id: 13179
Affiliation Type: Mail Contact
Company Name: PASSIONIST MONASTERY IMMACULATE CONCEPTION
Contact Type: Not reported
Contact Name: Not reported
Address1: 86-45 178 ST
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 739-6502
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 13179
Affiliation Type: On-Site Operator
Company Name: PASSIONIST MONASTERY IMMACULATE CONCEP.
Contact Type: Not reported
Contact Name: CORNELIUS KEATING
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 739-6502
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 13179
Affiliation Type: Emergency Contact
Company Name: PASSIONIST MONASTERY IMMACULATE CONCEPTION
Contact Type: Not reported
Contact Name: FRANK CHEFFERS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (719) 739-6502
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 19038

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PASSIONIST MONASTERY IMMACULATE CONCEP. (Continued)

U001836660

Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 500
Install Date: Not reported
Date Tank Closed: 08/01/1996
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated 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:

B04 - Tank External Protection - Fiberglass
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

HIST UST:

PBS Number: 2-291048
SPDES Number: Not reported
Emergency Contact: FRANK CHEFFERS
Emergency Telephone: (719) 739-6502
Operator: CORNELIUS KEATING
Operator Telephone: (718) 739-6502
Owner Name: PASSIONIST MONASTERY IMMACULATE CONCEPTION
Owner Address: 86-45 178 ST
Owner City,St,Zip: JAMAICA, NY 11432
Owner Telephone: (718) 739-6502
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: PASSIONIST MONASTERY IMMACULATE CONCEPTION
Mailing Address: 86-45 178 ST
Mailing Address 2: Not reported
Mailing City,St,Zip: JAMAICA, NY 11432
Mailing Contact: Not reported
Mailing Telephone: (718) 739-6502
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)
and Subpart 360-14.
Facility Addr2: 86045 178TH STREET
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PASSIONIST MONASTERY IMMACULATE CONCEP. (Continued)

U001836660

Federal ID: Not reported
Certification Flag: False
Certification Date: 10/10/1997
Expiration Date: 10/02/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Tank Converted To Non-Regulated Use
Install Date: Not reported
Capacity (gals): 500
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Fiberglass coated steel
Tank Internal: Not reported
Tank External: Fiberglass
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 08/01/1996
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-359696
Program Type: PBS
UTM X: 602544.63864999998
UTM Y: 4507709.6320900004
Expiration Date: 2017/08/28
Site Type: Other

Affiliation Records:

Site Id: 18093

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PASSIONIST MONASTERY IMMACULATE CONCEP. (Continued)

U001836660

Affiliation Type: Facility Owner
Company Name: IMMACULATE CONCEPTION PARISH
Contact Type: PASTOR
Contact Name: REV JED SUMAMPONG
Address1: 86-45 178TH STREET
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 739-0880
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 9/4/2012

Site Id: 18093
Affiliation Type: Mail Contact
Company Name: IMMACULATE CONCEPTION PARISH
Contact Type: PASTOR
Contact Name: REV JED SUMAMPONG
Address1: 86-45 178TH STREET
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 739-0880
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 9/4/2012

Site Id: 18093
Affiliation Type: On-Site Operator
Company Name: IMMACULATE CONCEPTION CHURCH
Contact Type: Not reported
Contact Name: LUIS GOMEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 739-0880
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 18093
Affiliation Type: Emergency Contact
Company Name: IMMACULATE CONCEPTION PARISH
Contact Type: Not reported
Contact Name: REV JED SUMAMPONG
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PASSIONIST MONASTERY IMMACULATE CONCEP. (Continued)

U001836660

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 739-0880
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 8/24/2012

Tank Info:

Tank Number: 001
Tank Id: 20488
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1961
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KAKYER
Last Modified: 08/24/2012
Material Name: #2 Fuel Oil (On-Site Consumption)

A5
WNW
< 1/8
0.002 mi.
9 ft.

NYCTA - 178TH STREET SUBSTATION
HILLSIDE AVE & 178TH ST
QUEENS, NY 11432
Site 5 of 12 in cluster A

RCRA NonGen / NLR **1000394675**
MANIFEST **NYD986899680**

Relative:
Higher

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYCTA - 178TH STREET SUBSTATION
Facility address: HILLSIDE AVE & 178TH ST
QUEENS, NY 11432
EPA ID: NYD986899680

Actual:
68 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 178TH STREET SUBSTATION (Continued)

1000394675

Mailing address: JAY ST ROOM 809
BROOKLYN, NY 11201
Contact: Not reported
Contact address: JAY ST ROOM 809
BROOKLYN, NY 11201
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: NEW YORK CITY TRANSIT AUTHORITY
Owner/operator address: 370 JAY ST ROOM 809
BROOKLYN, NY 11201
Owner/operator country: US
Owner/operator telephone: (718) 330-4891
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NEW YORK CITY TRANSIT AUTHORITY
Owner/operator address: 370 JAY ST ROOM 809
BROOKLYN, NY 11201
Owner/operator country: US
Owner/operator telephone: (718) 330-4891
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: NYCTA - 178TH STREET SUBSTATION
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 178TH STREET SUBSTATION (Continued)

1000394675

Date form received by agency: 07/08/1999
Facility name: NYCTA - 178TH STREET SUBSTATION
Classification: Not a generator, verified

Date form received by agency: 05/04/1990
Facility name: NYCTA - 178TH STREET SUBSTATION
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/06/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NY MANIFEST:

EPA ID: NYD986899680
Country: USA
Mailing Name: NYCTA
Mailing Contact: ULYSSES S. DAVIS
Mailing Address: 370 JAY STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11201
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 516-492-8423

Document ID: NYB2605671
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: PTD3652MN
Trans2 State ID: Not reported
Generator Ship Date: 910724
Trans1 Recv Date: 910724
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910730
Part A Recv Date: 910805
Part B Recv Date: 910820
Generator EPA ID: NYD986899680
Trans1 EPA ID: MND980791321
Trans2 EPA ID: Not reported
TSDf ID: KSD981506025
Waste Code: B006 - PCB TRANSFORMERS WITH 500 PPM OR > PCB
Quantity: 00273
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 13636
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYCTA - 178TH STREET SUBSTATION (Continued)

1000394675

Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00091
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	002
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91
Document ID:	NYB2605518
Manifest Status:	Completed copy
Trans1 State ID:	Not reported
Trans2 State ID:	PTB1092
Generator Ship Date:	910717
Trans1 Recv Date:	910717
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910729
Part A Recv Date:	Not reported
Part B Recv Date:	910808
Generator EPA ID:	NYD986899680
Trans1 EPA ID:	MND980791321
Trans2 EPA ID:	Not reported
TSD ID:	KSD981506025
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	07861
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
Year:	91

A6
North
< 1/8
0.002 mi.
9 ft.

LOT 35, TAXBLOCK 9913
178-26 HILLSIDE AVENUE
QUEENS, NY 11432

E DESIGNATION **S108983600**
N/A

Site 6 of 12 in cluster A

Relative:
Higher

Actual: 68 ft.	E DESIGNATION:	
	Tax Lot(s):	35
	E-No:	E-175
	Effective Date:	9/10/2007
	Satisfaction Date:	Not reported
	Ceqr Number:	05DCP081Q
	Ulurp Number:	070314ZMQ
	Zoning Map No:	14d
	Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
	Borough Code:	QN
	Community District:	412
	Census Tract:	468
	Census Block:	1005
	School District:	29
	City Council District:	27

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 35,TAXBLOCK 9913 (Continued)

S108983600

Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: C7
Land Use Category: 04
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: EAGLE REALTY
Lot Area: 000009000
Total Building Floor Area: 00000010000
Commercial Floor Area: 00000005000
Office Floor Area: 00000000000
Retail Floor Area: 00000005000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00009
Non and Residential Units: 00017
Lot Frontage: 0100.00
Lot Depth: 0090.00
Building Frontage: 0100.00
Building Depth: 0050.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000081000
Total Assessed Value: 00000166500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1936
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0001.11
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099130035
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1043945
Y Coordinate: 0198809

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 35,TAXBLOCK 9913 (Continued)

S108983600

Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 35
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1005
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: C7
Land Use Category: 04
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: EAGLE REALTY
Lot Area: 000009000
Total Building Floor Area: 00000010000
Commercial Floor Area: 00000005000
Office Floor Area: 00000000000
Retail Floor Area: 00000005000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 35,TAXBLOCK 9913 (Continued)

S108983600

Residential Units: 00009
Non and Residential Units: 00017
Lot Frontage: 0100.00
Lot Depth: 0090.00
Building Frontage: 0100.00
Building Depth: 0050.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000081000
Total Assessed Value: 00000166500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1936
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0001.11
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099130035
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1043945
Y Coordinate: 0198809
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

A7
North
< 1/8
0.002 mi.
9 ft.

TOWNE CLEANERS
178-17 HILLSIDE AVE.
JAMAICA, NY 11432

DRYCLEANERS S106436606
N/A

Site 7 of 12 in cluster A

Relative:
Higher

DRYCLEANERS:
Facility ID: 2-6307-00606
Phone Number: 718-523-8888
Region: Not reported
Registration Effective Date: 6/30/2003 15:27:03:286
Inspection Date: 08JUL17
Install Date: 94/03
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: Not reported

Actual:
68 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

S106436606

Current Business: Not reported

A8
North
< 1/8
0.002 mi.
9 ft.

TOWNE CLEANERS
178-17 HILLSIDE AVE
JAMAICA, NY 11432

RCRA-CESQG **1000311294**
MANIFEST **NYD061948535**
US AIRS

Site 8 of 12 in cluster A

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 01/01/2007

Facility name: TOWNE CLEANER
Facility address: 178-17 HILLSIDE AVE
JAMAICA, NY 11432

EPA ID: NYD061948535
Mailing address: HILLSIDE AVE
JAMAICA, NY 11432

Contact: Not reported
Contact address: HILLSIDE AVE
JAMAICA, NY 11432

Contact country: US
Contact telephone: Not reported
Contact email: Not reported

EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US
Owner/operator telephone: (212) 555-1212

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: TOWNE CLEANER
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/14/1999
Facility name: TOWNE CLEANER
Classification: Small Quantity Generator

Date form received by agency: 05/08/1985
Facility name: TOWNE CLEANER
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:

EPA ID: NYD061948535
Country: USA
Mailing Name: TOWNE CLEANER
Mailing Contact: TOWNE CLEANER
Mailing Address: 178-17 HILLSIDE AVE
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11432
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-523-8888

Document ID: NYD7674737
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: NJD071629976
Generator Ship Date: 08/31/2005
Trans1 Recv Date: 08/31/2005
Trans2 Recv Date: 09/06/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

TSD Site Recv Date: 09/19/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD061948535
Trans1 EPA ID: NY89930JE
Trans2 EPA ID: Not reported
TSD ID: OHD980587364
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00390
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: Not reported

Document ID: NYA9502211
Manifest Status: Completed copy
Trans1 State ID: AP4503NY
Trans2 State ID: Not reported
Generator Ship Date: 890608
Trans1 Recv Date: 890608
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890608
Part A Recv Date: 890615
Part B Recv Date: 890616
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NYA9455354
Manifest Status: Completed copy
Trans1 State ID: AP4503NY
Trans2 State ID: Not reported
Generator Ship Date: 890508
Trans1 Recv Date: 890508
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890508
Part A Recv Date: 890512
Part B Recv Date: 890517
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00135

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NYA9411568
Manifest Status: Completed copy
Trans1 State ID: AY9381NY
Trans2 State ID: Not reported
Generator Ship Date: 890410
Trans1 Recv Date: 890410
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890410
Part A Recv Date: 890413
Part B Recv Date: 890417
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NYA9554962
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 890705
Trans1 Recv Date: 890705
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890705
Part A Recv Date: 890712
Part B Recv Date: 890713
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NYA9808896

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 890831
Trans1 Recv Date: 890831
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890831
Part A Recv Date: 890920
Part B Recv Date: 890905
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NYC2056948
Manifest Status: Completed copy
Trans1 State ID: LP3931NY
Trans2 State ID: Not reported
Generator Ship Date: 921230
Trans1 Recv Date: 921230
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921230
Part A Recv Date: 930115
Part B Recv Date: 930108
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC2007494
Manifest Status: Completed copy
Trans1 State ID: LP3931NY
Trans2 State ID: Not reported
Generator Ship Date: 921201
Trans1 Recv Date: 921201
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921201
Part A Recv Date: 921214
Part B Recv Date: 921210

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYC3653267
Manifest Status: Completed copy
Trans1 State ID: AP4503NY
Trans2 State ID: Not reported
Generator Ship Date: 950822
Trans1 Recv Date: 950822
Trans2 Recv Date: Not reported
TSD Site Recv Date: 950822
Part A Recv Date: 950906
Part B Recv Date: 950905
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 95

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: OHR000110858
Generator Ship Date: 2009-07-14
Trans1 Recv Date: 2009-07-14
Trans2 Recv Date: 2009-07-22
TSD Site Recv Date: 2009-07-23
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD061948535
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: OHD980587364
Waste Code: Not reported
Quantity: 150.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 001883062SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: OHR000110858
Generator Ship Date: 2009-07-14
Trans1 Recv Date: 2009-07-14
Trans2 Recv Date: 2009-07-22
TSD Site Recv Date: 2009-07-23
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD061948535
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: OHD980587364
Waste Code: Not reported
Quantity: 150.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 001883062SKS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: NYC7674737
Manifest Status: Not reported
Trans1 State ID: TXR000050930
Trans2 State ID: NJD071629976

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Generator Ship Date: 08/31/2005
Trans1 Recv Date: 08/31/2005
Trans2 Recv Date: 09/06/2005
TSD Site Recv Date: 09/19/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD061948535
Trans1 EPA ID: NY89930JE
Trans2 EPA ID: 13276ANJ
TSDF ID: OHD980587364
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00390
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: Not reported

Document ID: NYA9794913
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 891204
Trans1 Recv Date: 891204
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891204
Part A Recv Date: 891211
Part B Recv Date: 891207
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NYA9728098
Manifest Status: Completed copy
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 891025
Trans1 Recv Date: 891025
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891025
Part A Recv Date: 891031
Part B Recv Date: 891030
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NYC0258772
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900523
Trans1 Recv Date: 900523
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900523
Part A Recv Date: 900720
Part B Recv Date: 900531
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Document ID: NYC1879514
Manifest Status: Completed copy
Trans1 State ID: LP3931NY
Trans2 State ID: Not reported
Generator Ship Date: 921009
Trans1 Recv Date: 921009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921009
Part A Recv Date: 921023
Part B Recv Date: 921022
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Document ID: NYC3927508
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: NYAP4503
Trans2 State ID: AR004
Generator Ship Date: 960315
Trans1 Recv Date: 960315
Trans2 Recv Date: 960319
TSD Site Recv Date: 960320
Part A Recv Date: 960322
Part B Recv Date: 960410
Generator EPA ID: NYD061948535
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ARD981908551
TSDf ID: OHD980587364
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: NYC5558613
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCD987574647
Generator Ship Date: 03/05/1999
Trans1 Recv Date: 03/05/1999
Trans2 Recv Date: 03/10/1999
TSD Site Recv Date: 03/12/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD061948535
Trans1 EPA ID: OHD980587364
Trans2 EPA ID: Not reported
TSDf ID: NYAP4503
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 99

Document ID: NYC5881263
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCD987574647
Generator Ship Date: 08/17/1999
Trans1 Recv Date: 08/17/1999
Trans2 Recv Date: 08/25/1999
TSD Site Recv Date: 08/27/1999
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Part B Recv Date: Not reported
Generator EPA ID: NYD061948535
Trans1 EPA ID: OHD980587364
Trans2 EPA ID: Not reported
TSD ID: NYAP4503
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 99

Document ID: NYC5645171
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: SCD987574647
Generator Ship Date: 05/25/1999
Trans1 Recv Date: 05/25/1999
Trans2 Recv Date: 05/26/1999
TSD Site Recv Date: 06/02/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD061948535
Trans1 EPA ID: OHD980587364
Trans2 EPA ID: Not reported
TSD ID: NYAP4503
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 99

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

AIRS (AFS):

Airs Minor Details:

EPA plant ID: 110046461253
Plant name: TOWNE CLEANERS
Plant address: 178-17 HILLSIDE AVE
JAMAICA, NY 114324624
County: QUEENS
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043
Sic code: 7216
Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG
North Am. industrial classf: 812320
NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOWNE CLEANERS (Continued)

1000311294

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1302
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1303
Air prog code hist file: MACT (SECTION 63 NESHAPS)

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: UNCLASSIFIED
Repeat violator date: Not reported
Turnover compliance: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A9
North
< 1/8
0.006 mi.
32 ft.

17817 HILLSIDE AVE
JAMAICA, NY 11432

EDR US Hist Cleaners **1015005885**
N/A

Site 9 of 12 in cluster A

Relative:
Higher

Actual:
68 ft.

EDR Historical Cleaners:

Name:	TOWNE CLEANERS
Year:	2005
Address:	17817 HILLSIDE AVE
Name:	TOWNE CLEANERS
Year:	2007
Address:	17817 HILLSIDE AVE
Name:	TOWNE CLEANERS
Year:	2008
Address:	17817 HILLSIDE AVE
Name:	TOWNE CLEANERS
Year:	2010
Address:	17817 HILLSIDE AVE
Name:	TOWNE CLEANERS
Year:	2011
Address:	17817 HILLSIDE AVE
Name:	SUNNY CLEANERS
Year:	2012
Address:	17817 HILLSIDE AVE

A10
SSW
< 1/8
0.008 mi.
41 ft.

88-10 178TH STREET
88-10 178TH STREET
JAMAICA, NY 11432

UST **U004079226**
N/A

Site 10 of 12 in cluster A

Relative:
Higher

Actual:
67 ft.

UST:

Id/Status:	2-603499 / Administratively Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	602626.46531
UTM Y:	4507431.4148000004
Site Type:	Apartment Building/Office Building
Affiliation Records:	
Site Id:	25415
Affiliation Type:	Facility Owner
Company Name:	FAMMA REALTY CORPORATION
Contact Type:	MGR
Contact Name:	BRUCE RUBEL
Address1:	175-61 HILLSIDE AVENUE
Address2:	Not reported
City:	JAMAICA
State:	NY
Zip Code:	11432
Country Code:	001
Phone:	(718) 658-2620

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-10 178TH STREET (Continued)

U004079226

EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 3/31/2008

Site Id: 25415
Affiliation Type: Mail Contact
Company Name: FAMMA REALTY CORPORATION
Contact Type: Not reported
Contact Name: BRUCE RABINER
Address1: 175-61 HIILSIDE AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 25415
Affiliation Type: On-Site Operator
Company Name: 88-10 178TH STREET
Contact Type: Not reported
Contact Name: ANDREW HEERAL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-6312
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 25415
Affiliation Type: Emergency Contact
Company Name: FAMMA REALTY CORPORATION
Contact Type: Not reported
Contact Name: BRUCE RABINER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-6312
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-10 178TH STREET (Continued)

U004079226

Tank Info:

Tank Number: 001
Tank ID: 54577
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 10000
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

A11
SSW
< 1/8
0.008 mi.
41 ft.

88-10 178TH STREET
88-10 178TH STREET
JAMAICA, NY 11432
Site 11 of 12 in cluster A

HIST UST
AST U003312885
N/A

Relative:
Higher

HIST UST:
PBS Number: 2-603499
SPDES Number: Not reported
Emergency Contact: BRUCE RABINER
Emergency Telephone: (718) 658-6312
Operator: ANDREW HEERAL
Operator Telephone: (718) 297-6312
Owner Name: FAMMA REALTY CORPORATION
Owner Address: 175-61 HILLSIDE AVENUE
Owner City,St,Zip: JAMAICA, NY 11432
Owner Telephone: (718) 658-2620
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: FAMMA REALTY CORPORATION
Mailing Address: 175-61 HILLSIDE AVENUE
Mailing Address 2: 175-61 HILLSIDE AVENUE
Mailing City,St,Zip: JAMAICA, NY 11432
Mailing Contact: BRUCE RABINER
Mailing Telephone: (718) 658-2620

Actual:
67 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-10 178TH STREET (Continued)

U003312885

Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 88-10 178TH STREET
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 07/14/1998
Expiration Date: 06/01/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 13000
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 10000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Containment: Not reported
Leak Detection: Not reported
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-10 178TH STREET (Continued)

U003312885

DEC Region: 2
Site Status: Administratively Closed
Facility Id: 2-603499
Program Type: PBS
UTM X: 602626.46531
UTM Y: 4507431.4148000004
Expiration Date: N/A
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 25415
Affiliation Type: Facility Owner
Company Name: FAMMA REALTY CORPORATION
Contact Type: MGR
Contact Name: BRUCE RUBEL
Address1: 175-61 HILLSIDE AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 3/31/2008

Site Id: 25415
Affiliation Type: Mail Contact
Company Name: FAMMA REALTY CORPORATION
Contact Type: Not reported
Contact Name: BRUCE RABINER
Address1: 175-61 HILLSIDE AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 25415
Affiliation Type: On-Site Operator
Company Name: 88-10 178TH STREET
Contact Type: Not reported
Contact Name: ANDREW HEERAL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-6312
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-10 178TH STREET (Continued)

U003312885

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 25415
Affiliation Type: Emergency Contact
Company Name: FAMMA REALTY CORPORATION
Contact Type: Not reported
Contact Name: BRUCE RABINER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-6312
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 002
Tank Id: 54576
Material Code: 0009
Common Name of Substance: Gasoline

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
3
Tank Location:
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 05/01/1998
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: CGFREEDM
Last Modified: 04/30/2013
Material Name: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A12 **FAMMA REALTY CORP**
SSW **88-10 178 ST**
< 1/8 **JAMAICA, QUEENS, NY 11432**
0.014 mi.
74 ft. **Site 12 of 12 in cluster A**

AST **U004076557**
N/A

Relative:
Higher

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-106984
Program Type: PBS
UTM X: 602626.46531
UTM Y: 4507431.4148000004
Expiration Date: 2017/03/24
Site Type: Apartment Building/Office Building

Actual:
67 ft.

Affiliation Records:

Site Id: 3073
Affiliation Type: Mail Contact
Company Name: FAMMA REALTY CORP
Contact Type: Not reported
Contact Name: BRUCE RUBEL
Address1: 175-61 HILLSIDE AVENUE
Address2: Not reported
City: JAMACIA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/19/2006

Site Id: 3073
Affiliation Type: On-Site Operator
Company Name: FAMMA REALTY CORP
Contact Type: Not reported
Contact Name: ANDREW HEERALALL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-6312
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 12/22/2011

Site Id: 3073
Affiliation Type: Emergency Contact
Company Name: FAMMA REALTY CORP
Contact Type: Not reported
Contact Name: BRUCE RUBEL
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FAMMA REALTY CORP (Continued)

U004076557

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 458-2319
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 12/22/2011

Site Id: 3073
Affiliation Type: Facility Owner
Company Name: FAMMA REALTY CORP
Contact Type: OFFICE MGR
Contact Name: BRUCE RUBEL
Address1: 88-10 178 ST
Address2: Not reported
City: JAMACIA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/19/2006

Tank Info:

Tank Number: 001
Tank Id: 3795
Material Code: 0009
Common Name of Substance: Gasoline

Equipment Records:

H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None

6
Tank Location:
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1961
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Gasoline

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

B13
NE
< 1/8
0.017 mi.
89 ft.

LOT 35,TAXBLOCK 9914
179-08 HILLSIDE AVENUE
QUEENS, NY 11432

E DESIGNATION **S108983601**
N/A

Site 1 of 10 in cluster B

Relative:
Higher

E DESIGNATION:

Actual:
67 ft.

Tax Lot(s):	35
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	QN
Community District:	412
Census Tract:	468
Census Block:	1004
School District:	29
City Council District:	27
Fire Company:	L125
Health Area:	44
Police Precinct:	103
Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	C2-2
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-2/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K5
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	H5H CORP
Lot Area:	000010600
Total Building Floor Area:	00000002400
Commercial Floor Area:	00000002400
Office Floor Area:	00000000000
Retail Floor Area:	00000002400
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0100.00
Lot Depth:	0108.00
Building Frontage:	0050.00
Building Depth:	0048.00
Proximity Code:	0
Irregular Lot Code:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 35,TAXBLOCK 9914 (Continued)

S108983601

Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000245250
Total Assessed Value: 00000344250
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1967
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.23
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099140035
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1044105
Y Coordinate: 0198856
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 35
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1004
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 35,TAXBLOCK 9914 (Continued)

S108983601

All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K5
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: H5H CORP
Lot Area: 000010600
Total Building Floor Area: 00000002400
Commercial Floor Area: 00000002400
Office Floor Area: 00000000000
Retail Floor Area: 00000002400
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0100.00
Lot Depth: 0108.00
Building Frontage: 0050.00
Building Depth: 0048.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000245250
Total Assessed Value: 00000344250
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1967
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.23
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099140035
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1044105
Y Coordinate: 0198856
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 35,TAXBLOCK 9914 (Continued)

S108983601

Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 35
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1004
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K5
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: H5H CORP
Lot Area: 000010600
Total Building Floor Area: 00000002400
Commercial Floor Area: 00000002400
Office Floor Area: 00000000000
Retail Floor Area: 00000002400
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0100.00
Lot Depth: 0108.00
Building Frontage: 0050.00
Building Depth: 0048.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 35,TAXBLOCK 9914 (Continued)

S108983601

Basement Type Grade: 5
Land Assessed Value: 00000245250
Total Assessed Value: 00000344250
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1967
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.23
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099140035
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1044105
Y Coordinate: 0198856
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

**B14
ENE
< 1/8
0.036 mi.
189 ft.**

**17918 HILLSIDE AVE
JAMAICA, NY 11432**

Site 2 of 10 in cluster B

**EDR US Hist Auto Stat 1015276334
N/A**

**Relative:
Lower
Actual:
66 ft.**

EDR Historical Auto Stations:

Name: HILLSIDE AUTO REPAIR INCORPORATED
Year: 1999
Address: 17918 HILLSIDE AVE

Name: HILLSIDE AUTO REPAIR INCORPORATED
Year: 2000
Address: 17918 HILLSIDE AVE

Name: JAMAICA AUTO REPAIRS INC
Year: 2001
Address: 17918 HILLSIDE AVE

Name: JAMAICA AUTO REPAIR INC
Year: 2002
Address: 17918 HILLSIDE AVE

Name: JAMAICA AUTO REPAIR CORP
Year: 2003

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1015276334

Address: 17918 HILLSIDE AVE
 Name: JAMAICA AUTO REPAIR CORP
 Year: 2004
 Address: 17918 HILLSIDE AVE
 Name: JAMAICA AUTO REPAIRE & CORP
 Year: 2005
 Address: 17918 HILLSIDE AVE
 Name: QUEEN BEST AUTO
 Year: 2006
 Address: 17918 HILLSIDE AVE
 Name: QUEEN BEST AUTO
 Year: 2007
 Address: 17918 HILLSIDE AVE
 Name: QUEENS BEST AUTO INC
 Year: 2009
 Address: 17918 HILLSIDE AVE
 Name: QUEENS BEST AUTO
 Year: 2011
 Address: 17918 HILLSIDE AVE
 Name: QUEENS BEST AUTO
 Year: 2012
 Address: 17918 HILLSIDE AVE

B15 **JAMAICA AUTO**
NE **179-18 HILLSIDE AVENUE**
< 1/8 **JAMAICA, NY 11432**
0.038 mi.
198 ft. **Site 3 of 10 in cluster B**

UST **U000402500**
HIST UST **N/A**
AST
NY Spills

Relative: UST:
Lower Id/Status: 2-287199 / Unregulated
 Program Type: PBS
 Region: STATE
Actual: DEC Region: 2
66 ft. Expiration Date: N/A
 UTM X: 602758.24121000001
 UTM Y: 4507567.2508699996
 Site Type: Retail Gasoline Sales

Affiliation Records:
 Site Id: 12843
 Affiliation Type: Facility Owner
 Company Name: T & 179 179 ST CORP.
 Contact Type: PRESIDENT
 Contact Name: TOMMY GIANNOPOULOS
 Address1: 178-25 HILLSIDE AVENUE
 Address2: Not reported
 City: JAMAICA
 State: NY
 Zip Code: 11432
 Country Code: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Phone: (718) 523-9993
EMail: Not reported
Fax Number: Not reported
Modified By: cgfreedm
Date Last Modified: 6/29/2004

Site Id: 12843
Affiliation Type: Mail Contact
Company Name: 179 STREET LLC
Contact Type: Not reported
Contact Name: TOMMY GIANNOPOULOS
Address1: 1663 STEWART AVENUE
Address2: Not reported
City: NEW HYDE PARK
State: NY
Zip Code: 11040
Country Code: 001
Phone: (516) 488-7392
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 10/9/2009

Site Id: 12843
Affiliation Type: On-Site Operator
Company Name: JAMAICA AUTO
Contact Type: Not reported
Contact Name: JAMAICA AUTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-2900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 10/9/2009

Site Id: 12843
Affiliation Type: Emergency Contact
Company Name: T & 179 179 ST CORP.
Contact Type: Not reported
Contact Name: TOMMY GIANNOPOULOS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 488-7392
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 10/9/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Tank Info:

Tank Number: 001
Tank ID: 17705
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 06/29/2004

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
F02 - Pipe External Protection - Original Sacrificial Anode
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 002
Tank ID: 17706
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Last Modified: 06/29/2004

Equipment Records:

- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- B01 - Tank External Protection - Painted/Asphalt Coating
- K01 - Spill Prevention - Catch Basin
- A01 - Tank Internal Protection - Epoxy Liner
- F06 - Pipe External Protection - Wrapped
- G00 - Tank Secondary Containment - None
- H02 - Tank Leak Detection - Interstitial - Manual Monitoring
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- B02 - Tank External Protection - Original Sacrificial Anode
- C03 - Pipe Location - Aboveground/Underground Combination
- E00 - Piping Secondary Containment - None
- I01 - Overfill - Float Vent Valve
- F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number: 003

Tank ID: 17707

Tank Status: Closed - Removed

Material Name: Closed - Removed

Capacity Gallons: 550

Install Date: Not reported

Date Tank Closed: 02/17/1999

Registered: True

Tank Location: Underground

Tank Type: Steel/carbon steel

Material Code: 0009

Common Name of Substance: Gasoline

Tightness Test Method: 03

Date Test: 04/01/1993

Next Test Date: Not reported

Pipe Model: Not reported

Modified By: cgfreedm

Last Modified: 06/29/2004

Equipment Records:

- D01 - Pipe Type - Steel/Carbon Steel/Iron
- J02 - Dispenser - Suction Dispenser
- B01 - Tank External Protection - Painted/Asphalt Coating
- K01 - Spill Prevention - Catch Basin
- H02 - Tank Leak Detection - Interstitial - Manual Monitoring
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- C03 - Pipe Location - Aboveground/Underground Combination
- E00 - Piping Secondary Containment - None
- I01 - Overfill - Float Vent Valve
- A01 - Tank Internal Protection - Epoxy Liner
- F06 - Pipe External Protection - Wrapped
- G00 - Tank Secondary Containment - None
- B02 - Tank External Protection - Original Sacrificial Anode
- F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number: 004

Tank ID: 17708

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 06/29/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
B02 - Tank External Protection - Original Sacrificial Anode
F02 - Pipe External Protection - Original Sacrificial Anode
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: 005
Tank ID: 17709
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 06/29/2004

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

I01 - Overfill - Float Vent Valve
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
F02 - Pipe External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 006
Tank ID: 17710
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 06/29/2004

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
F02 - Pipe External Protection - Original Sacrificial Anode
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 007
Tank ID: 17711
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 06/29/2004

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
B02 - Tank External Protection - Original Sacrificial Anode
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number: 008
Tank ID: 17712
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 06/29/2004

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
B01 - Tank External Protection - Painted/Asphalt Coating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
F02 - Pipe External Protection - Original Sacrificial Anode
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: 009
Tank ID: 17713
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 06/29/2004

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
F02 - Pipe External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: 010
Tank ID: 17714
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 06/29/2004

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
B02 - Tank External Protection - Original Sacrificial Anode
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number: 011
Tank ID: 17715
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 02/17/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 06/29/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B02 - Tank External Protection - Original Sacrificial Anode
A01 - Tank Internal Protection - Epoxy Liner
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
H02 - Tank Leak Detection - Interstitial - Manual Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: 012
Tank ID: 17716
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 12/15/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 10/09/2009

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
H04 - Tank Leak Detection - Groundwater Well
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None

HIST UST:

PBS Number: 2-287199
SPDES Number: Not reported
Emergency Contact: LOUIS HIRSCH
Emergency Telephone: (718) 465-5395
Operator: MOHAMMED AKHNAR
Operator Telephone: (718) 387-7700
Owner Name: T & L 179TH STREET CORPORATION
Owner Address: 179-18 HILLSIDE AVENUE
Owner City,St,Zip: JAMAICA, NY 11432
Owner Telephone: (718) 533-0993
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Name: T & L 179 STREET CORPORATION
Mailing Address: 179-18 HILLSIDE AVENUE
Mailing Address 2: 179-18 HILLSIDE AVENUE
Mailing City,St,Zip: JAMAICA, NY 11432
Mailing Contact: L.STATHAKIS/T.GIANOPOULOS
Mailing Telephone: (718) 523-0993
Owner Mark: Second Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Facility Addr2: 179018 HILLSIDE AVE
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: RETAIL GASOLINE SALES
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 09/25/1998
Expiration Date: 09/23/2003
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 7150
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: LEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 006
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 007
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 008
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 009
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 010
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 011
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 012
Tank Location: UNDERGROUND
Tank Status: Temporarily Out Of Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Groundwater Well
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 04/01/1993
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 013
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Diking
Leak Detection: Other
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-287199
Program Type: PBS
UTM X: 602758.24121000001
UTM Y: 4507567.2508699996
Expiration Date: N/A
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 12843
Affiliation Type: Facility Owner
Company Name: T & 179 179 ST CORP.
Contact Type: PRESIDENT
Contact Name: TOMMY GIANNOPOULOS
Address1: 178-25 HILLSIDE AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 523-9993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

EMail: Not reported
Fax Number: Not reported
Modified By: cgfreedm
Date Last Modified: 6/29/2004

Site Id: 12843
Affiliation Type: Mail Contact
Company Name: 179 STREET LLC
Contact Type: Not reported
Contact Name: TOMMY GIANNOPOULOS
Address1: 1663 STEWART AVENUE
Address2: Not reported
City: NEW HYDE PARK
State: NY
Zip Code: 11040
Country Code: 001
Phone: (516) 488-7392
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 10/9/2009

Site Id: 12843
Affiliation Type: On-Site Operator
Company Name: JAMAICA AUTO
Contact Type: Not reported
Contact Name: JAMAICA AUTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-2900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 10/9/2009

Site Id: 12843
Affiliation Type: Emergency Contact
Company Name: T & 179 179 ST CORP.
Contact Type: Not reported
Contact Name: TOMMY GIANNOPOULOS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 488-7392
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 10/9/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Tank Info:

Tank Number: 013
Tank Id: 17717
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 10/09/2009
Material Name: Other

SPILLS:

Facility ID: 9704039
Facility Type: ER
DER Facility ID: 12825
Site ID: 135894
DEC Region: 2
Spill Date: 7/3/1997
Spill Number/Closed Date: 9704039 / 9/21/2010
Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 4101
Investigator: RVKETANI
Referred To: Not reported
Reported to Dept: 7/3/1997
CID: 252
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 7/3/1997
Spill Record Last Update: 9/21/2010
Spiller Name: TOM GIANOPOULOS
Spiller Company: 179TH STREET LLC
Spiller Address: 1663 STEWART AVENUE
Spiller City,St,Zip: NEW HYDE PARK, NY 11040
Spiller Company: 999
Contact Name: TOM GIANOPOULOS
Contact Phone: (718) 523-0993
DEC Memo: 4/12/04-Vought-Spill transferred from Mulqueen to Rommel as per Rommel.3/14/06 Foley - Checked PBS records. T&L is associated with 179-18 Hillside Ave. Changed address from 179-39 Hillside to 179-18 Hillside.2/23/10 - Austin - Reassigned to Ketani to followup and bring spill to closure - end3/16/10 - Raphael Ketani. Construction was taking place at the gas station when they discovered contaminated soil. The spill took place on 7/3/97 and was called in by Bill Sisco of Advanced Cleanup Technologies (516) 293-4992. Property Shark lists the main address as 179-18 Hillside Avenue, Jamaica, 11432. The alternate address is 88-02 179 Place. The block and lot are 9914 and 40. According to ACRIS, on 1/11/96, the gas station was sold to T & L 179 Street Corp., 118-25 Hillside Avenue. The corporation changed its name to 179 Street, LLC, 1663 Stewart Avenue, New Hyde Park, NY, 11040. The PBS database has case #2-287199. The site is Jamaica Auto. One gas UST was removed on 12/15/98 and 11 gasoline USTs were removed on 2/17/99. One waste oil 550 gal. AST was kept in service. Mail went to 179 Street, LLC at the 1663 Stewart Avenue address. The owner was T & L 179 Street Corp. at 178-25 Hillside Avenue. The contact was Tommy Giannopoulos at (718) 523-9993 (maybe 0993). There are no other spill cases. There is no paper file, nor any E-docs. I will make a site visit.4/1/10 - Raphael Ketani. I made an unannounced site visit. The site is now Queens Best Auto, Inc., 179-18 Hillside Avenue, Jamaica, NY, 11432. The telephone number is (718) 297-2900. The gas pumps have been removed. The site is just a service station now. The former office address of 179-25, which is across the street from the site, is now a relatively new detached bank building. I walked over to the site and met two of the workers. They said that the owner of Queens Best Auto was Masood Chaudhry. I asked them whether he was also the land owner. They said that they didn't know. The site looked like it was being managed well as I didn't see any signs of oil or antifreeze spillage. Also, there were no gasoline odors. After this, I left the site.4/2/10 - Raphael Ketani. I spoke to Mr. Chaudhry. He said that he is not the land owner. However, he said the land owner is "Tommy." I spoke to Tommy at (516) 318-9212. He said that he had all of the documentation. He said that he will make a copy of the documentation either monday or teusday and send it to me. I told him that sounded alright.4/7/10 - Raphael Ketani. Today I received a letter from Mr. Giannopoulos. Attached to the letter was a letter from Gasoline Installations, Inc. verifying that 12 gas USTs and their associated piping were removed, and a copy of the PBS record. The letter from Gasoline Installations indicated that the tanks used to be in the northeast corner of the site. Mr. Giannopoulos' also stated in his letter that the contractor had filled in the pit with soil.4/8/10 - Raphael Ketani. I drafted a letter for the review of Randall Austin, Chief of the Spills Unit, stating the DEC still needed to see end point soil analytical data. The letter also stated

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AUTO (Continued)

U000402500

that if the data was not available, then a soil investigation would have to take place. I indicated a deadline of May 7, 2010. The letter was approved and was sent out today. 5/25/10 - Raphael Ketani. I drafted a letter for the review of Mr. Austin stating that the Department had not received documentation indicating that the contamination had been removed. I gave Mr. Giannopoulos until June 25 to submit a subsurface investigation proposal to DEC, or face possible fines, penalties and prosecution. Mr. Austin approved the letter. 5/26/10 - Raphael Ketani. The letter was approved for sending as certified mail and was sent out today. 6/1/10 - Raphael Ketani. Today I received the green return card for the letter that was sent to Mr. Giannopoulos. 6/21/10 - Raphael Ketani. Mr. Giannopoulos (516) 318-9212 called to say that he has hired an environmental company to conduct the investigation of the former tank area. He said that the consultant will contact me. 6/23/10 - Raphael Ketani. Michael Parpounas (par-poo-nas) of Precision Environmental (718) 383-2626 called today. He was hired by Mr. Giannopoulos to do the investigation. We talked about the site. I suggested doing two soil borings on each side of the former tank grave, two soil borings in the bottom, and the taking of a groundwater sample downgradient. Mr. Parpounas said that this sounded fine and that he will submit a plan to DEC. 7/14/10 - Raphael Ketani. I tried to contact Mr. Parpounas, but could only leave a message. Mr. Parpounas called me back. He said that he is reviewing paperwork and documents Mr. Giannopoulos gave him that were produced by Advanced Cleanup Technologies. After he reviews the documentation, he will start the investigation. Mr. Parpounas said that ACT identified an Area of Concern at the dumpster the repair shop uses. I asked Mr. Parpounas to do two geoprobe soil samplings in that area just to be sure that there are no problems in the subsurface. Mr. Parpounas said that he will do this. He added that the former tank grave investigation work should start next week. I told him that will be fine. 7/20/10 - Raphael Ketani. Mr. Parpounas sent me the Precision Environmental 7/20/10 Work Plan for Subsurface Site Investigation. I reviewed the plan and found it acceptable. I e-mailed Mr. Parpounas that the plan was acceptable, but he should use method 8260 for processing the samples and that he should compare the analytical results to TAGM 4046. 8/2/10 - Raphael Ketani. Mr. Parpounas left me a message that the exploratory drilling will start on 8/7/10. 8/9/10 - Raphael Ketani. Mr. Parpounas sent me an e-mail today stating that they couldn't sample any deeper than 9 to 13 feet with the geoprobe due to a layer of gravel, cobbles and boulders. I talked to him today about the sampling. He said that the tanks were 550 gal. USTs and he felt that he had penetrated below the bottom of them. He said that they had soil samples for all of the borings. Most of them are bottom of the hole samples. I told Mr. Parpounas to send them off to the laboratory. He said that he will do this. 9/21/10 - Raphael Ketani. Today I reviewed the Subsurface Site Investigation report dated 8/23/10 that was submitted by Precision Environmental. The soil analyticals were almost entirely non-detect. There were some total xylene exceedences of the TAGM standards, but they were only slightly above the limit. According to the boring logs, it appears that Precision had penetrated deep enough to see the below tank soil conditions. As the soil analyticals were almost entirely non-detect, and as there were no signs that residual contamination still remained below the site, I have determined that there is no threat to the public or the environment from any spills which had previously taken place at the site. Therefore, I am closing the spill case.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JAMAICA AUTO (Continued)

U000402500

Remarks: construction was going on nearby gas station and contaminated soil was discovered-tanks to be tested-soil borings to be done to find out extent of contamination

Material:

Site ID: 135894
 Operable Unit ID: 1046989
 Operable Unit: 01
 Material ID: 563806
 Material Code: 0009
 Material Name: Gasoline
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 0
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

B16
NE
 < 1/8
 0.038 mi.
 198 ft.

LOT 40, TAXBLOCK 9914
179-18 HILLSIDE AVENUE
QUEENS, NY 11432
Site 4 of 10 in cluster B

E DESIGNATION **S108983642**
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 40
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
 Borough Code: QN
 Community District: 412
 Census Tract: 468
 Census Block: 1004
 School District: 29
 City Council District: 27
 Fire Company: L125
 Health Area: 44
 Police Precinct: 103
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: C2-2
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported
 All Components1: C2-2/R6
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: G9
 Land Use Category: 07

Actual:
66 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 40,TAXBLOCK 9914 (Continued)

S108983642

Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: 179TH STREET LLC.
Lot Area: 000014500
Total Building Floor Area: 00000001600
Commercial Floor Area: 00000001600
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000001600
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0145.00
Lot Depth: 0100.17
Building Frontage: 0020.00
Building Depth: 0080.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000211500
Total Assessed Value: 00000256950
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1932
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.11
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099140040
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1044206
Y Coordinate: 0198865
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 40,TAXBLOCK 9914 (Continued)

S108983642

Tax Lot(s): 40
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1004
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G9
Land Use Category: 07
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: 179TH STREET LLC.
Lot Area: 000014500
Total Building Floor Area: 00000001600
Commercial Floor Area: 00000001600
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000001600
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0145.00
Lot Depth: 0100.17
Building Frontage: 0020.00
Building Depth: 0080.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000211500
Total Assessed Value: 00000256950
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 40,TAXBLOCK 9914 (Continued)

S108983642

Year Built: 1932
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.11
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099140040
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1044206
Y Coordinate: 0198865
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 40
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1004
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G9
Land Use Category: 07
Number of Easements: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 40,TAXBLOCK 9914 (Continued)

S108983642

Owner, Type of Code: Not reported
Owner Name: 179TH STREET LLC.
Lot Area: 000014500
Total Building Floor Area: 00000001600
Commercial Floor Area: 00000001600
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000001600
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0145.00
Lot Depth: 0100.17
Building Frontage: 0020.00
Building Depth: 0080.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000211500
Total Assessed Value: 00000256950
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1932
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.11
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099140040
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1044206
Y Coordinate: 0198865
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

C17 **88-15 ASSOCIATES L.L.C.**
SE **88-15 179TH ST**
< 1/8 **JAMAICA, NY 11432**
0.040 mi.
213 ft. **Site 1 of 5 in cluster C**

UST **U001832602**
HIST UST **N/A**

Relative:
Lower

UST:

Actual:
63 ft.

Id/Status: 2-111368 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2017/05/07
UTM X: 602693.91951000004
UTM Y: 4507514.3986299997
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 3462
Affiliation Type: Facility Owner
Company Name: 88-15 ASSOCIATES L.L.C.
Contact Type: MANAGING AGENT
Contact Name: JAMES C. DEMETRIOU
Address1: 34-03 BROADWAY
Address2: Not reported
City: ASTORIA
State: NY
Zip Code: 11106
Country Code: 001
Phone: (718) 726-4792
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 3/13/2007

Site Id: 3462
Affiliation Type: Mail Contact
Company Name: FIRST MANAGEMENT CORPORATION
Contact Type: Not reported
Contact Name: JAMES C. DEMETRIOU
Address1: 34-03 BROADWAY
Address2: Not reported
City: ASTORIA
State: NY
Zip Code: 11106
Country Code: 001
Phone: (718) 726-4792
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 3462
Affiliation Type: On-Site Operator
Company Name: 88-15 ASSOCIATES L.L.C.
Contact Type: Not reported
Contact Name: FRANK MENDEZ - SUPT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-15 ASSOCIATES L.L.C. (Continued)

U001832602

Zip Code: Not reported
Country Code: 001
Phone: (718) 657-2630
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 3462
Affiliation Type: Emergency Contact
Company Name: 88-15 ASSOCIATES L.L.C.
Contact Type: Not reported
Contact Name: JAMES DEMETRIOU
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 726-4792
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 4921
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1500
Install Date: 03/01/1988
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 09/21/2004
Next Test Date: 09/21/2009
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 04/03/2012

Equipment Records:

E00 - Piping Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
D00 - Pipe Type - No Piping
H99 - Tank Leak Detection - Other
I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-15 ASSOCIATES L.L.C. (Continued)

U001832602

B00 - Tank External Protection - None
G99 - Tank Secondary Containment - Other
K00 - Spill Prevention - None

HIST UST:

PBS Number: 2-111368
SPDES Number: Not reported
Emergency Contact: JAMES DEMETTRIOU
Emergency Telephone: (718) 726-4792
Operator: FRANK MENDEZ - SUPT
Operator Telephone: (718) 657-2630
Owner Name: 88-15 ASSOCIATES L.L.C.
Owner Address: 34-03 BROADWAY
Owner City,St,Zip: ASTORIA, NY 11106
Owner Telephone: (718) 726-4792
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: FIRST MANAGEMENT CORPORATION
Mailing Address: 34-03 BROADWAY
Mailing Address 2: Not reported
Mailing City,St,Zip: ASTORIA, NY 11106
Mailing Contact: Not reported
Mailing Telephone: (718) 726-4792
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: 88015 179TH ST
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: APARTMENT BUILDING
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 09/02/1998
Expiration Date: 05/07/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 1500
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 1500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-15 ASSOCIATES L.L.C. (Continued)

U001832602

Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Other
Leak Detection: Other
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: 07/01/1998
Next Test Date: 07/01/2003
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

**D18
NNW
< 1/8
0.045 mi.
237 ft.**

**EDGERTON APARTMENTS LLC
178-10 WEXFORD TERRACE
JAMAICA, NY 11432**

**UST U001836959
N/A**

Site 1 of 3 in cluster D

**Relative:
Higher**

UST:
Id/Status: 2-329886 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2014/05/04
UTM X: 602586.93307000003
UTM Y: 4507626.3899999997
Site Type: Apartment Building/Office Building

**Actual:
84 ft.**

Affiliation Records:
Site Id: 15513
Affiliation Type: On-Site Operator
Company Name: EDGERTON HALL
Contact Type: Not reported
Contact Name: RICHARD KRIPFGANS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 526-4949
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 15513
Affiliation Type: Mail Contact
Company Name: APARTMENT MGT ASSOC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDGERTON APARTMENTS LLC (Continued)

U001836959

Contact Type: Not reported
Contact Name: PETER J. LEPORE
Address1: 600 AVENUE Z
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11223
Country Code: 001
Phone: (718) 743-8030
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2/25/2013

Site Id: 15513
Affiliation Type: Emergency Contact
Company Name: EDGERTON APARTMENTS LLC
Contact Type: Not reported
Contact Name: AMA LLC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 743-4400
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 6/12/2007

Site Id: 15513
Affiliation Type: Facility Owner
Company Name: EDGERTON APARTMENTS LLC
Contact Type: DIRECTOR OF OPERATIONS
Contact Name: PETER J. LEPORE
Address1: 600 AVENUE Z
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11223
Country Code: 001
Phone: (718) 743-8030
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 6/12/2007

Tank Info:

Tank Number: 001
Tank ID: 20193
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 15000
Install Date: 10/01/1955
Date Tank Closed: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EDGERTON APARTMENTS LLC (Continued)

U001836959

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: MSBAPTIS
 Last Modified: 03/24/2009

Equipment Records:

B00 - Tank External Protection - None
 K00 - Spill Prevention - None
 F06 - Pipe External Protection - Wrapped
 H99 - Tank Leak Detection - Other
 G07 - Tank Secondary Containment - Excavation Liner
 I04 - Overfill - Product Level Gauge (A/G)
 A00 - Tank Internal Protection - None
 D01 - Pipe Type - Steel/Carbon Steel/Iron
 J02 - Dispenser - Suction Dispenser
 L09 - Piping Leak Detection - Exempt Suction Piping
 C03 - Pipe Location - Aboveground/Underground Combination
 E00 - Piping Secondary Containment - None

E19
West
< 1/8
0.047 mi.
246 ft.

LOT 50,TAXBLOCK 9835
175-35 HILLSIDE AVENUE
QUEENS, NY 11432

E DESIGNATION **S108983712**
N/A

Site 1 of 10 in cluster E

Relative:
Higher

E DESIGNATION:

Tax Lot(s): 50
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d

Actual:
76 ft.

Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems

Borough Code: QN
 Community District: 408
 Census Tract: 466
 Census Block: 1004
 School District: 29
 City Council District: 24
 Fire Company: L125
 Health Area: 44
 Police Precinct: 107
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: C2-2
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 50,TAXBLOCK 9835 (Continued)

S108983712

All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K1
Land Use Category: 05
Number of Easements: 1
Owner, Type of Code: Not reported
Owner Name: SHELLY ESTATES GROUP,
Lot Area: 000027225
Total Building Floor Area: 00000023550
Commercial Floor Area: 00000023550
Office Floor Area: 00000000000
Retail Floor Area: 00000023550
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00009
Lot Frontage: 0272.00
Lot Depth: 0100.00
Building Frontage: 0260.00
Building Depth: 0100.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000742500
Total Assessed Value: 00001377000
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1970
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.87
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350050
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043432
Y Coordinate: 0198851
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 50,TAXBLOCK 9835 (Continued)

S108983712

Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 50
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Exhaust stack location limitations
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K1
Land Use Category: 05
Number of Easements: 1
Owner, Type of Code: Not reported
Owner Name: SHELLY ESTATES GROUP,
Lot Area: 000027225
Total Building Floor Area: 00000023550
Commercial Floor Area: 00000023550
Office Floor Area: 00000000000
Retail Floor Area: 00000023550
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00009
Lot Frontage: 0272.00
Lot Depth: 0100.00
Building Frontage: 0260.00
Building Depth: 0100.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 50,TAXBLOCK 9835 (Continued)

S108983712

Basement Type Grade: 5
Land Assessed Value: 00000742500
Total Assessed Value: 00001377000
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1970
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.87
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350050
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043432
Y Coordinate: 0198851
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 50
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 50,TAXBLOCK 9835 (Continued)

S108983712

All Components2: Not reported
Split Boundary Indicator: N
Building Class: K1
Land Use Category: 05
Number of Easements: 1
Owner, Type of Code: Not reported
Owner Name: SHELLY ESTATES GROUP,
Lot Area: 000027225
Total Building Floor Area: 00000023550
Commercial Floor Area: 00000023550
Office Floor Area: 00000000000
Retail Floor Area: 00000023550
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00009
Lot Frontage: 0272.00
Lot Depth: 0100.00
Building Frontage: 0260.00
Building Depth: 0100.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000742500
Total Assessed Value: 00001377000
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1970
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.87
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350050
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043432
Y Coordinate: 0198851
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 50,TAXBLOCK 9835 (Continued)

S108983712

Date of Mass Appraisal Data: 11/2005
 Date of Political and Adm Data: 08/2005
 Pluto-Base Map Indicator: 1

B20
ENE
< 1/8
0.050 mi.
263 ft.

NYCT
179TH PL/HILLSIDE AVE
QUEENS, NY
Site 5 of 10 in cluster B

NY Spills **S105055690**
N/A

Relative:
Lower

SPILLS:

Facility ID: 0101298
 Facility Type: ER
 DER Facility ID: 162291
 Site ID: 194772
 DEC Region: 2
 Spill Date: 5/2/2001
 Spill Number/Closed Date: 0101298 / 3/8/2013
 Spill Cause: Unknown
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
66 ft.

SWIS:

Investigator: RVKETANI
 Referred To: 030813 CLOSURE COMMITTEE APPROVED CLOSURE
 Reported to Dept: 5/3/2001
 CID: 207
 Water Affected: Not reported
 Spill Source: Unknown
 Spill Notifier: Affected Persons
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Trust: False
 Remediation Phase: 0
 Date Entered In Computer: 5/3/2001
 Spill Record Last Update: 3/8/2013
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller City,St,Zip: ***Update***, ZZ
 Spiller Company: 001
 Contact Name: PASHKO CAMAJ
 Contact Phone: (718) 243-4581
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"11/12/10 - spill re-assigned from Tibbe to Joe O'Connell2/7/2012 - changed Lead DEC from Joe O'Connell to JFeng. Toni Watts is the NYCT case manager. Her phone is (646) 252-5939. Her e-mail is Toni.Watts@nyct.com.2/28/13 - Raphael Ketani. The February 2013 NYCT monthly progress meeting took place today. As part of this meeting, Ms. Watts discussed the 179th Place and Hillside Avenue spill. She stated that she tried to research this spill in the NYCT records, but could not find any documentation. So it is unclear where the contamination was found that generated the spill reporting.Later, I searched the UIS database and the paper files in storage downstairs, but I could not find any records.I tried calling the person who had called in the spill, Pashko Camaj of the NYCT, but the phone kept ringing and no voice mail intercepted the call. So it was

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYCT (Continued)

S105055690

not clear whether the phone number still belongs to the NYCT.3/8/13 - Raphael Ketani. Further research revealed that there was an active spill case at the intersection of 179th Place and Hillside Avenue. This case was subsequently closed (#9704039). It may have been the source of the contamination that was found. As there is no exact location for the spill incident, the spill cannot be investigated. Therefore, I am closing the spill case administratively.
 mark tibbe aware - contaminated soil found 45' below grade

Remarks:

Material:

Site ID: 194772
 Operable Unit ID: 839972
 Operable Unit: 01
 Material ID: 537003
 Material Code: 0066A
 Material Name: UNKNOWN PETROLEUM
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 0
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

**C21
 SE
 < 1/8
 0.050 mi.
 264 ft.**

**CON EDISON
 8831 179 ST
 JAMAICA, NY 11432
 Site 2 of 5 in cluster C**

**MANIFEST S116043073
 N/A**

**Relative:
 Lower**

NY MANIFEST:
 EPA ID: NYP004394169
 Country: USA
 Mailing Name: CON EDISON
 Mailing Contact: TOM TEELING
 Mailing Address: 4 IRVING PLACE - 15TH FLOOR
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip4: Not reported
 Mailing Country: USA
 Mailing Phone: 212-460-3770

**Actual:
 62 ft.**

Document ID: Not reported
 Manifest Status: Not reported
 Trans1 State ID: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 19-Nov-2013 00:00:00
 Trans1 Recv Date: 19-Nov-2013 00:00:00
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 19-Nov-2013 00:00:00
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S116043073

Generator EPA ID: NYP004394169
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 50
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002299189GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

B22
ENE
< 1/8
0.051 mi.
270 ft.

17928 HILLSIDE AVE
JAMAICA, NY 11432

EDR US Hist Auto Stat 1015276397
N/A

Site 6 of 10 in cluster B

Relative:
Lower

EDR Historical Auto Stations:

Name: JAMAICA AUTO REPAIR & CORP
Year: 2009
Address: 17928 HILLSIDE AVE

Actual:
66 ft.

Name: QUEENS BEST AUTO
Year: 2010
Address: 17928 HILLSIDE AVE

Name: JAMAICA AUTO REPAIR & CORP
Year: 2011
Address: 17928 HILLSIDE AVE

Name: JAMAICA AUTO REPAIR & CORP
Year: 2012
Address: 17928 HILLSIDE AVE

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

C23
SE
< 1/8
0.052 mi.
277 ft.

88-37 179TH STREET
88-37 179TH STREET
JAMAICA, NY
Site 3 of 5 in cluster C

NY Spills **S104495534**
N/A

Relative:
Lower

SPILLS:

Facility ID: 9307444
Facility Type: ER
DER Facility ID: 173666
Site ID: 209431
DEC Region: 2
Spill Date: 9/20/1993
Spill Number/Closed Date: 9307444 / 2/18/2003
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
63 ft.

SWIS:

Investigator: GRIFFIN
Referred To: Not reported
Reported to Dept: 9/20/1993
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 9/21/1993
Spill Record Last Update: 2/18/2003
Spiller Name: Not reported
Spiller Company: JOSEPH MORAN - RES.
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: U/2 OIL LINE LEAKING - 251 GAL FILLED TANK 9/13/93 - TODAY NO OIL IN TANK. OIL LINE TO BE REPLACED. FEEL LINE TO BOILER POSITIVELY IDENTIFIED AS LEAK SOURCE.

Material:

Site ID: 209431
Operable Unit ID: 986065
Operable Unit: 01
Material ID: 393706
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

88-37 179TH STREET (Continued)

S104495534

Tank Test:

B24
ENE
 < 1/8
 0.053 mi.
 278 ft.

LOT 56,TAXBLOCK 9937
179-25 HILLSIDE AVENUE
QUEENS, NY 11432

E DESIGNATION S108983743
N/A

Site 7 of 10 in cluster B

Relative:
Lower

E DESIGNATION:

Actual:
66 ft.

Tax Lot(s):	56
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	QN
Community District:	408
Census Tract:	466
Census Block:	1005
School District:	29
City Council District:	24
Fire Company:	L125
Health Area:	44
Police Precinct:	107
Zone District 1:	R5
Zone District 2:	Not reported
Commercial Overlay1:	C2-2
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-2/R5
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	O6
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	WEIR SAMI
Lot Area:	000011600
Total Building Floor Area:	00000006072
Commercial Floor Area:	00000006072
Office Floor Area:	00000006072
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0080.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 56,TAXBLOCK 9937 (Continued)

S108983743

Lot Depth: 0144.00
Building Frontage: 0040.00
Building Depth: 0079.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000184500
Total Assessed Value: 00000348750
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1966
Year Built Code: Not reported
Year Altered1: 1986
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.52
Maximum Allowable Far: 01.25
Borough Code: 4
Borough Tax Block And Lot: 4099370056
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1044193
Y Coordinate: 0199119
Zoning Map: 14D
Sanborn Map: 407 029
Tax Map: 44304
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 56
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1005
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 56,TAXBLOCK 9937 (Continued)

S108983743

Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R5
All Components2: Not reported
Split Boundary Indicator: N
Building Class: O6
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: WEIR SAMI
Lot Area: 000011600
Total Building Floor Area: 00000006072
Commercial Floor Area: 00000006072
Office Floor Area: 00000006072
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0080.00
Lot Depth: 0144.00
Building Frontage: 0040.00
Building Depth: 0079.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000184500
Total Assessed Value: 00000348750
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1966
Year Built Code: Not reported
Year Altered1: 1986
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.52
Maximum Allowable Far: 01.25
Borough Code: 4
Borough Tax Block And Lot: 4099370056
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1044193
Y Coordinate: 0199119
Zoning Map: 14D
Sanborn Map: 407 029
Tax Map: 44304
E Designation No: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 56,TAXBLOCK 9937 (Continued)

S108983743

Date of RPAD Data: 11/2005
 Date of DCAS Data: 01/2006
 Date of Zoning Data: 11/2005
 Date of Major Property Data: 11/2005
 Date of Landmark Data: 12/2005
 Date of Base Map Data: 01/2006
 Date of Mass Appraisal Data: 11/2005
 Date of Political and Adm Data: 08/2005
 Pluto-Base Map Indicator: 1

**B25
 ENE
 < 1/8
 0.053 mi.
 278 ft.**

**LOT 31,TAXBLOCK 9915
 179-30 HILLSIDE AVENUE
 QUEENS, NY 11432
 Site 8 of 10 in cluster B**

**E DESIGNATION S108983567
 N/A**

**Relative:
 Lower**

E DESIGNATION:

Tax Lot(s): 31
 E-No: E-175

**Actual:
 66 ft.**

Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems

Borough Code: QN
 Community District: 412
 Census Tract: 468
 Census Block: 1003
 School District: 29
 City Council District: 27
 Fire Company: L125
 Health Area: 44
 Police Precinct: 103
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: C2-2
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported
 All Components1: C2-2/R6
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: K1
 Land Use Category: 05
 Number of Easements: 0
 Owner, Type of Code: X
 Owner Name: ZELINGER SAM
 Lot Area: 000003818
 Total Building Floor Area: 0000002800
 Commercial Floor Area: 0000002800
 Office Floor Area: 0000000000
 Retail Floor Area: 0000002800
 Garage Floor Area: 0000000000
 Storage Floor Area: 0000000000
 Factory Floor Area: 0000000000
 Other Floor Area: 0000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 31,TAXBLOCK 9915 (Continued)

S108983567

Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0040.00
Lot Depth: 0096.00
Building Frontage: 0040.00
Building Depth: 0074.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000135000
Total Assessed Value: 00000266400
Land Exempt Value: 00000135000
Total Exempt Value: 00000266400
Year Built: 1951
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.73
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099150031
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1044341
Y Coordinate: 0198969
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 31
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 31,TAXBLOCK 9915 (Continued)

S108983567

School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K1
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: X
Owner Name: ZELINGER SAM
Lot Area: 000003818
Total Building Floor Area: 00000002800
Commercial Floor Area: 00000002800
Office Floor Area: 00000000000
Retail Floor Area: 00000002800
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0040.00
Lot Depth: 0096.00
Building Frontage: 0040.00
Building Depth: 0074.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000135000
Total Assessed Value: 00000266400
Land Exempt Value: 00000135000
Total Exempt Value: 00000266400
Year Built: 1951
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.73
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099150031
Condominium Number: 00000
Census Tract 2: 0468

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 31,TAXBLOCK 9915 (Continued)

S108983567

X Coordinate: 1044341
Y Coordinate: 0198969
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

B26
ENE
< 1/8
0.057 mi.
299 ft.

17936 HILLSIDE AVE
JAMAICA, NY 11432
Site 9 of 10 in cluster B

EDR US Hist Auto Stat **1015276435**
N/A

Relative:
Lower

EDR Historical Auto Stations:
Name: EVERYWHERE CAR SERVICE
Year: 2011

Actual:
65 ft.

Address: 17936 HILLSIDE AVE

Name: EVERYWHERE CAR SERVICE
Year: 2012
Address: 17936 HILLSIDE AVE

B27
ENE
< 1/8
0.058 mi.
306 ft.

LOT 33,TAXBLOCK 9915
179-36 HILLSIDE AVENUE
QUEENS, NY 11432
Site 10 of 10 in cluster B

E DESIGNATION **S108983586**
N/A

Relative:
Lower

E DESIGNATION:
Tax Lot(s): 33
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems

Actual:
65 ft.

Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1003
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9915 (Continued)

S108983586

Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	C2-2
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-2/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	179-36 HILLSIDE AVE.C
Lot Area:	000006110
Total Building Floor Area:	00000000600
Commercial Floor Area:	00000000600
Office Floor Area:	00000000000
Retail Floor Area:	00000000200
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000400
Floor Area,Total Bld Source Code7	
Number of Buildings:	00002
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0065.00
Lot Depth:	0094.00
Building Frontage:	0010.00
Building Depth:	0020.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000128250
Total Assessed Value:	00000141750
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.10
Maximum Allowable Far:	02.43
Borough Code:	4
Borough Tax Block And Lot:	4099150033
Condominium Number:	00000
Census Tract 2:	0468
X Coordinate:	1044398
Y Coordinate:	0198952
Zoning Map:	14D
Sanborn Map:	407 015
Tax Map:	44303

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9915 (Continued)

S108983586

E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 33
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 468
Census Block: 1003
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K1
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: 179-36 HILLSIDE AVE.C
Lot Area: 000006110
Total Building Floor Area: 0000000600
Commercial Floor Area: 0000000600
Office Floor Area: 0000000000
Retail Floor Area: 0000000200
Garage Floor Area: 0000000000
Storage Floor Area: 0000000000
Factory Floor Area: 0000000000
Other Floor Area: 0000000400
Floor Area,Total Bld Source Code7
Number of Buildings: 00002
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00002
Lot Frontage: 0065.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9915 (Continued)

S108983586

Lot Depth: 0094.00
Building Frontage: 0010.00
Building Depth: 0020.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000128250
Total Assessed Value: 00000141750
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1931
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.10
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4099150033
Condominium Number: 00000
Census Tract 2: 0468
X Coordinate: 1044398
Y Coordinate: 0198952
Zoning Map: 14D
Sanborn Map: 407 015
Tax Map: 44303
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

28
ESE
< 1/8
0.058 mi.
307 ft.

**CON EDISON
8841 179 PLACE
JAMAICA, NY 11432**

**MANIFEST S116043077
N/A**

**Relative:
Lower**

NY MANIFEST:
EPA ID: NYP004394201
Country: USA
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

**Actual:
63 ft.**

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S116043077

Document ID: Not reported
 Manifest Status: Not reported
 Trans1 State ID: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 19-Nov-2013 00:00:00
 Trans1 Recv Date: 19-Nov-2013 00:00:00
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 19-Nov-2013 00:00:00
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004394201
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSD ID: NJD991291105
 Waste Code: Not reported
 Quantity: 100
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Year: 2013
 Manifest Tracking Num: 002299185GBF
 Import Ind: N
 Export Ind: N
 Discr Quantity Ind: N
 Discr Type Ind: N
 Discr Residue Ind: N
 Discr Partial Reject Ind: N
 Discr Full Reject Ind: N
 Manifest Ref Num: Not reported
 Alt Fac RCRA Id: Not reported
 Alt Fac Sign Date: Not reported
 Mgmt Method Type Code: H110

**E29
 NW
 < 1/8
 0.059 mi.
 309 ft.**

**LOT 32,TAXBLOCK 9835
 177-22 87 DRIVE
 QUEENS, NY 11432
 Site 2 of 10 in cluster E**

**E DESIGNATION S108983580
 N/A**

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 32
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
 Borough Code: QN
 Community District: 408
 Census Tract: 466
 Census Block: 1004
 School District: 29
 City Council District: 24
 Fire Company: L125

**Actual:
 90 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 32,TAXBLOCK 9835 (Continued)

S108983580

Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: B1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: HAMILTON REGINALD W
Lot Area: 000003600
Total Building Floor Area: 00000002146
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0030.00
Lot Depth: 0120.00
Building Frontage: 0021.00
Building Depth: 0053.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000002900
Total Assessed Value: 00000023135
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.60
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350032
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043528
Y Coordinate: 0199040
Zoning Map: 14D

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 32,TAXBLOCK 9835 (Continued)

S108983580

Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 32
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Exhaust stack location limitations
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: B1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: HAMILTON REGINALD W
Lot Area: 000003600
Total Building Floor Area: 00000002146
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 32,TAXBLOCK 9835 (Continued)

S108983580

Non and Residential Units: 00002
Lot Frontage: 0030.00
Lot Depth: 0120.00
Building Frontage: 0021.00
Building Depth: 0053.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000002900
Total Assessed Value: 00000023135
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.60
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350032
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043528
Y Coordinate: 0199040
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 32
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 32,TAXBLOCK 9835 (Continued)

S108983580

Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: B1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: HAMILTON REGINALD W
Lot Area: 000003600
Total Building Floor Area: 00000002146
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0030.00
Lot Depth: 0120.00
Building Frontage: 0021.00
Building Depth: 0053.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000002900
Total Assessed Value: 00000023135
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.60
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350032
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043528
Y Coordinate: 0199040
Zoning Map: 14D
Sanborn Map: 407 026

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 32,TAXBLOCK 9835 (Continued)

S108983580

Tax Map: 44301
 E Designation No: Not reported
 Date of RPAD Data: 11/2005
 Date of DCAS Data: 01/2006
 Date of Zoning Data: 11/2005
 Date of Major Property Data: 11/2005
 Date of Landmark Data: 12/2005
 Date of Base Map Data: 01/2006
 Date of Mass Appraisal Data: 11/2005
 Date of Political and Adm Data: 08/2005
 Pluto-Base Map Indicator: 1

**E30
 WSW
 < 1/8
 0.060 mi.
 316 ft.**

**LOT 26,TAXBLOCK 9834
 HILLSIDE AVENUE
 QUEENS, NY 11432**

**E DESIGNATION S108983504
 N/A**

Site 3 of 10 in cluster E

**Relative:
 Higher**

E DESIGNATION:

**Actual:
 72 ft.**

Tax Lot(s): 26
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
 Borough Code: QN
 Community District: 412
 Census Tract: 462
 Census Block: 1000
 School District: 29
 City Council District: 27
 Fire Company: L125
 Health Area: 44
 Police Precinct: 103
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: C2-2
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported
 All Components1: C2-2/R6
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: G7
 Land Use Category: 10
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: JAIDIBELL L.I.EXPWYCO
 Lot Area: 000004000
 Total Building Floor Area: 00000000000
 Commercial Floor Area: 00000000000
 Office Floor Area: 00000000000
 Retail Floor Area: 00000000000
 Garage Floor Area: 00000000000
 Storage Floor Area: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 26,TAXBLOCK 9834 (Continued)

S108983504

Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0040.00
Lot Depth: 0100.00
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000054000
Total Assessed Value: 00000054000
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 0000
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.00
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340026
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043497
Y Coordinate: 0198665
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 26
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code: QN
Community District: 412

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 26,TAXBLOCK 9834 (Continued)

S108983504

Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G7
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: JAIDIBELL L.I.EXPWYCO
Lot Area: 000004000
Total Building Floor Area: 00000000000
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0040.00
Lot Depth: 0100.00
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000054000
Total Assessed Value: 00000054000
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 0000
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.00
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340026

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 26,TAXBLOCK 9834 (Continued)

S108983504

Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043497
Y Coordinate: 0198665
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 26
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G7
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: JAIDIBELL L.I.EXPWYCO
Lot Area: 000004000
Total Building Floor Area: 00000000000
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 26,TAXBLOCK 9834 (Continued)

S108983504

Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0040.00
Lot Depth: 0100.00
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000054000
Total Assessed Value: 00000054000
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 0000
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.00
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340026
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043497
Y Coordinate: 0198665
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

C31 88-50 OWNERS CORP.
SE 88-50 179TH STREET
< 1/8 JAMAICA, NY 11432
0.062 mi.
326 ft. Site 4 of 5 in cluster C

UST U004077367
N/A

Relative: UST:
Lower Id/Status: 2-319686 / Active
Program Type: PBS
Actual: Region: STATE
62 ft. DEC Region: 2
Expiration Date: 2018/10/08

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-50 OWNERS CORP. (Continued)

U004077367

UTM X: 602709.33970000001
UTM Y: 4507438.0021000002
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 14795
Affiliation Type: Facility Owner
Company Name: 88-50 OWNERS CORP.
Contact Type: DIRECTOR OF MANAGEMENT
Contact Name: JOE MASINO
Address1: 108-18 QUEENS BLVD., SUITE 302
Address2: Not reported
City: FOREST HILLS
State: NY
Zip Code: 11375
Country Code: 001
Phone: (718) 261-5235
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/26/2013

Site Id: 14795
Affiliation Type: Mail Contact
Company Name: 88-50 OWNERS LLC
Contact Type: Not reported
Contact Name: JOE MASINO
Address1: 108-18 QUEENS BOULEVARD
Address2: Not reported
City: FOREST HILLS
State: NY
Zip Code: 11375
Country Code: 001
Phone: (718) 261-5235
EMail: CAMILLE@BRONSTEINPROPERTIES.COM
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/26/2013

Site Id: 14795
Affiliation Type: On-Site Operator
Company Name: 88-50 OWNERS CORP.
Contact Type: Not reported
Contact Name: AMINDA BELEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 504-2647
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/26/2013

Site Id: 14795
Affiliation Type: Emergency Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-50 OWNERS CORP. (Continued)

U004077367

Company Name: 88-50 OWNERS CORP.
Contact Type: Not reported
Contact Name: BARRY RUDOFISKY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 261-5235
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/26/2013

Tank Info:

Tank Number: 001
Tank ID: 26162
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 11/01/1999
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: 03
Date Test: 10/01/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C32
SE
 < 1/8
 0.062 mi.
 326 ft.

88-50 OWNERS CORP.
88-50 179TH STREET
JAMAICA, NY 11432

Site 5 of 5 in cluster C

HIST UST **U000407332**
AST **N/A**

Relative:
Lower

HIST UST:

Actual:
62 ft.

PBS Number: 2-319686
 SPDES Number: Not reported
 Emergency Contact: BARRY RUDOFSKI
 Emergency Telephone: (718) 261-5235
 Operator: MARCO MARTINEZ
 Operator Telephone: (718) 739-2823
 Owner Name: 88-50 OWNERS CORP.
 Owner Address: 108-18 QUEENS BLVD., SUITE 302
 Owner City,St,Zip: FOREST HILLS, NY 11375
 Owner Telephone: (718) 261-5235
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Name: 88-50 OWNERS LLC
 Mailing Address: 108-18 QUEENS BLVD.
 Mailing Address 2: Not reported
 Mailing City,St,Zip: FOREST HILLS, NY 11375
 Mailing Contact: MR. BARRY RUDOFSKI
 Mailing Telephone: (718) 261-5235
 Owner Mark: Second Owner
 Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

 Facility Addr2: 88050 179TH STREET
 SWIS ID: 6301
 Old PBS Number: Not reported
 Facility Type: APARTMENT BUILDING
 Inspected Date: Not reported
 Inspector: Not reported
 Inspection Result: Not reported
 Federal ID: Not reported
 Certification Flag: False
 Certification Date: 12/15/1999
 Expiration Date: 10/08/2003
 Renew Flag: False
 Renewal Date: Not reported
 Total Capacity: 3000
 FAMT: True
 Facility Screen: No Missing Data
 Owner Screen: No Missing Data
 Tank Screen: No Missing Data
 Dead Letter: False
 CBS Number: Not reported
 Town or City: NEW YORK CITY
 County Code: 63
 Town or City: 01
 Region: 2

 Tank Id: 001
 Tank Location: UNDERGROUND
 Tank Status: Closed-In Place
 Install Date: Not reported
 Capacity (gals): 5000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-50 OWNERS CORP. (Continued)

U000407332

Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: 10/01/1999
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 11/01/1999
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-319686
Program Type: PBS
UTM X: 602709.33970000001
UTM Y: 4507438.00210000002
Expiration Date: 2018/10/08
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 14795
Affiliation Type: Facility Owner
Company Name: 88-50 OWNERS CORP.
Contact Type: DIRECTOR OF MANAGEMENT
Contact Name: JOE MASINO
Address1: 108-18 QUEENS BLVD., SUITE 302
Address2: Not reported
City: FOREST HILLS
State: NY
Zip Code: 11375
Country Code: 001
Phone: (718) 261-5235
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/26/2013

Site Id: 14795
Affiliation Type: Mail Contact
Company Name: 88-50 OWNERS LLC
Contact Type: Not reported
Contact Name: JOE MASINO
Address1: 108-18 QUEENS BOULEVARD
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-50 OWNERS CORP. (Continued)

U000407332

City: FOREST HILLS
State: NY
Zip Code: 11375
Country Code: 001
Phone: (718) 261-5235
EMail: CAMILLE@BRONSTEINPROPERTIES.COM
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/26/2013

Site Id: 14795
Affiliation Type: On-Site Operator
Company Name: 88-50 OWNERS CORP.
Contact Type: Not reported
Contact Name: AMINDA BELEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 504-2647
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/26/2013

Site Id: 14795
Affiliation Type: Emergency Contact
Company Name: 88-50 OWNERS CORP.
Contact Type: Not reported
Contact Name: BARRY RUDOFISKY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 261-5235
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/26/2013

Tank Info:

Tank Number: 002
Tank Id: 57375
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

88-50 OWNERS CORP. (Continued)

U000407332

L09 - Piping Leak Detection - Exempt Suction Piping
 C01 - Pipe Location - Aboveground
 E00 - Piping Secondary Containment - None
 F01 - Pipe External Protection - Painted/Asphalt Coating
 G03 - Tank Secondary Containment - Vault (w/o access)
 B01 - Tank External Protection - Painted/Asphalt Coating
 I05 - Overfill - Vent Whistle
 H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location: 3
 Tank Type: Steel/Carbon Steel/Iron
 Tank Status: In Service
 Pipe Model: Not reported
 Install Date: 11/01/1999
 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: DMMOLOUG
 Last Modified: 08/26/2013
 Material Name: #2 Fuel Oil (On-Site Consumption)

**E33
 WNW
 < 1/8
 0.066 mi.
 349 ft.**

**LOT 28,TAXBLOCK 9835
 177-16 87 DRIVE
 QUEENS, NY 11432
 Site 4 of 10 in cluster E**

**E DESIGNATION S108983528
 N/A**

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 28
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems

Borough Code: QN
 Community District: 408
 Census Tract: 466
 Census Block: 1004
 School District: 29
 City Council District: 24
 Fire Company: L125
 Health Area: 44
 Police Precinct: 107
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: Not reported
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported
 All Components1: R6
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: B1

**Actual:
 91 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 28,TAXBLOCK 9835 (Continued)

S108983528

Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: STANLEY KAMAMIS
Lot Area: 000004800
Total Building Floor Area: 0000002236
Commercial Floor Area: 0000000000
Office Floor Area: 0000000000
Retail Floor Area: 0000000000
Garage Floor Area: 0000000000
Storage Floor Area: 0000000000
Factory Floor Area: 0000000000
Other Floor Area: 0000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0040.00
Lot Depth: 0120.00
Building Frontage: 0026.00
Building Depth: 0038.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 0000002878
Total Assessed Value: 00000029232
Land Exempt Value: 0000000000
Total Exempt Value: 0000000000
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.47
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350028
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043466
Y Coordinate: 0199021
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 28,TAXBLOCK 9835 (Continued)

S108983528

Tax Lot(s): 28
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Exhaust stack location limitations
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: B1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: STANLEY KAMAMIS
Lot Area: 000004800
Total Building Floor Area: 00000002236
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0040.00
Lot Depth: 0120.00
Building Frontage: 0026.00
Building Depth: 0038.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000002878
Total Assessed Value: 00000029232
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 28,TAXBLOCK 9835 (Continued)

S108983528

Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.47
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350028
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043466
Y Coordinate: 0199021
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 28
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: B1
Land Use Category: 01
Number of Easements: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 28,TAXBLOCK 9835 (Continued)

S108983528

Owner, Type of Code: Not reported
Owner Name: STANLEY KAMAMIS
Lot Area: 000004800
Total Building Floor Area: 00000002236
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0040.00
Lot Depth: 0120.00
Building Frontage: 0026.00
Building Depth: 0038.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000002878
Total Assessed Value: 00000029232
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.47
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350028
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043466
Y Coordinate: 0199021
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D34
NNW
< 1/8
0.066 mi.
351 ft.

TANK
178-28 WEXFORD TERRACE
JAMAICA ESTATES, NY

NY Spills **S108294998**
N/A

Site 2 of 3 in cluster D

Relative:
Higher

SPILLS:

Facility ID: 0608031
 Facility Type: ER
 DER Facility ID: 321646
 Site ID: 371907
 DEC Region: 2
 Spill Date: 10/13/2006
 Spill Number/Closed Date: 0608031 / 11/21/2006
 Spill Cause: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
92 ft.

SWIS:

Investigator: HRPATEL
 Referred To: Not reported
 Reported to Dept: 10/14/2006
 CID: Not reported
 Water Affected: Not reported
 Spill Source: Private Dwelling
 Spill Notifier: Responsible Party
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Trust: False
 Remediation Phase: 0
 Date Entered In Computer: 10/14/2006
 Spill Record Last Update: 11/21/2006
 Spiller Name: ABOVE
 Spiller Company: Not reported
 Spiller Address: 178-28 WEXFORD TERRACE
 Spiller City,St,Zip: JAMAICA ESTATES, NY 11432
 Spiller Company: 001
 Contact Name: ABOVE
 Contact Phone: Not reported
 DEC Memo:

10/17/06-Hiralkumar Patel. received during off hour duty on 10/14/06. visited site. met Mr. Tenner. site has 550 gal UST in front of house. last oil delivery was on 10/09/06 and when Mr. Tenner tried to turn on his heater, he found tank empty. Petro responded and installed temp tank outside of building. Petro has put red tag on fill box and at stick line to not to refill this tank. all lines runs underground. received call from Scott Hamarich, consultant hired by owner for cleanup. Mr. Hamarich did some soil testing around tank and found soil contaminated. they are removing tank and will removed associated contamination. Scott Hamarich Eastern Environmental Solution INc. Ph. (631) 325-2700 FAX (631) 325-8394 sent TTF to Mr. Tenner. letter faxed to Mr. Hamarich. 11/07/06-Hiralkumar Patel. spoke with Scott. they have finished their work. Scott will submit final closure report by end of 11/10/06. as per him, endpoint samples came back clean. 11/16/06-Hiralkumar Patel. spoke with Scott. he has sent report last week, which i haven't received yet. asked Scott to send copy of report in email. 11/21/06-Hiralkumar Patel. received closure report from Kevin Brussee from Eastern. - removed 550 gal UST- excavated approximately 74 tons of contaminated soil- contaminated soil was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TANK (Continued)

S108294998

Remarks: identified in floor drain located in basement of home (close to boiler) Eastern took total six soil sample (one from each side wall, one from bottom of tank excavation pit and one from floor drain excavation in boiler room). no contamination found in any endpoint samples. based on available documents, case closed. NFA sent out to Mr. Tenner. letter faxed to Kevin at Eastern.
Discovered that after delivery on Monday, the heat would not go on - tank appears to be empty.

Material:

Site ID: 371907
Operable Unit ID: 1129656
Operable Unit: 01
Material ID: 2119321
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 400
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

D35
NNW
< 1/8
0.066 mi.
351 ft.

178-28 WEXFORD TERRACE
178-28 WEXFORD TERRACE
JAMAICA, NY

Site 3 of 3 in cluster D

NY Spills S102143485
N/A

Relative:
Higher

SPILLS:

Facility ID: 9209801
Facility Type: ER
DER Facility ID: 82459
Site ID: 91706
DEC Region: 2
Spill Date: 11/23/1992
Spill Number/Closed Date: 9209801 / 11/23/1992
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 4101
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 11/23/1992
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: 11/23/1992
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0

Actual:
92 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

178-28 WEXFORD TERRACE (Continued)

S102143485

Date Entered In Computer: 12/1/1992
 Spill Record Last Update: 9/30/2004
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller City,St,Zip: ***Update***, ZZ
 Spiller Company: 001
 Contact Name: Not reported
 Contact Phone: Not reported
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
 Remarks: DRIVER FILLED THROUGH STICK LINE OILCAME OUT FILL PIPE TO CONCRETE-DRIVER APPLIED SPEEDI-DRI AND TEAM P/U AND DISPOSE

Material:
 Site ID: 91706
 Operable Unit ID: 973613
 Operable Unit: 01
 Material ID: 406836
 Material Code: 0001A
 Material Name: #2 Fuel Oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 1
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

E36
NW
 < 1/8
 0.073 mi.
 384 ft.

177-14 WESFORD TERR
177-14 WESFORD TERR
JAMAICA, NY
 Site 5 of 10 in cluster E

NY Spills S102146844
N/A

Relative:
Higher

SPILLS:
 Facility ID: 9305735
 Facility Type: ER
 DER Facility ID: 205225
 Site ID: 250382
 DEC Region: 2
 Spill Date: 8/9/1993
 Spill Number/Closed Date: 9305735 / 9/14/1993
 Spill Cause: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 SWIS: 4101
 Investigator: GRIFFIN
 Referred To: Not reported
 Reported to Dept: 8/9/1993
 CID: Not reported
 Water Affected: Not reported
 Spill Source: Private Dwelling
 Spill Notifier: Local Agency
 Cleanup Ceased: 9/14/1993

Actual:
94 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

177-14 WESFORD TERR (Continued)

S102146844

Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 8/11/1993
Spill Record Last Update: 11/10/2003
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: SPILL COMING FROM 175-61 HILLSIDE AVENUE PARKING LOT BEING AFFECTED. HAZMAT (DEP) HAS BEEN NOTIFIED AND RESPONDED (718) 595-4646. POSSIBLE OIL CHANDE. SPEEDY DRY APPLIED AND CLEANED UP.

Material:

Site ID: 250382
Operable Unit ID: 987246
Operable Unit: 01
Material ID: 395646
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

F37
NW
< 1/8
0.074 mi.
391 ft.

177-18 WEXFORD TERRACE
177-18 WEXFORD TERRACE
JAMAICA, NY

LTANKS S102671836
N/A

Site 1 of 5 in cluster F

Relative:
Higher

LTANKS:
Site ID: 323669
Spill Number/Closed Date: 9112116 / 2/26/1992
Spill Date: 2/26/1992
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Not reported
Cleanup Ceased: 2/26/1992
Cleanup Meets Standard: True
SWIS: 4101
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 2/26/1992
CID: Not reported
Water Affected: Not reported

Actual:
95 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

177-18 WEXFORD TERRACE (Continued)

S102671836

Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 3/2/1992
Spill Record Last Update: 9/30/2004
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: 260741
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"10/10/95: This is additional information about material spilled from the translation of the old spill file: .
Remarks: Not reported

Material:
Site ID: 323669
Operable Unit ID: 965707
Operable Unit: 01
Material ID: 417102
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

F38
NW
< 1/8
0.074 mi.
391 ft.

LOT 30,TAXBLOCK 9835
177-18 WEXFORD TERRACE
QUEENS, NY 11432
Site 2 of 5 in cluster F

E DESIGNATION S108983553
N/A

Relative:
Higher

E DESIGNATION:
Tax Lot(s): 30
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code: QN

Actual:
95 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 30,TAXBLOCK 9835 (Continued)

S108983553

Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: B1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: FRANCESCO URLI
Lot Area: 000003600
Total Building Floor Area: 00000002146
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0030.00
Lot Depth: 0120.00
Building Frontage: 0021.00
Building Depth: 0053.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000002842
Total Assessed Value: 00000023135
Land Exempt Value: 00000002842
Total Exempt Value: 00000013938
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.60
Maximum Allowable Far: 02.43
Borough Code: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 30,TAXBLOCK 9835 (Continued)

S108983553

Borough Tax Block And Lot: 4098350030
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043491
Y Coordinate: 0199069
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 30
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Exhaust stack location limitations
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: B1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: FRANCESCO URLI
Lot Area: 000003600
Total Building Floor Area: 00000002146
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 30,TAXBLOCK 9835 (Continued)

S108983553

Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0030.00
Lot Depth: 0120.00
Building Frontage: 0021.00
Building Depth: 0053.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000002842
Total Assessed Value: 00000023135
Land Exempt Value: 00000002842
Total Exempt Value: 00000013938
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.60
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350030
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043491
Y Coordinate: 0199069
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 30
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 408

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 30,TAXBLOCK 9835 (Continued)

S108983553

Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: B1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: FRANCESCO URLI
Lot Area: 000003600
Total Building Floor Area: 00000002146
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00002
Lot Frontage: 0030.00
Lot Depth: 0120.00
Building Frontage: 0021.00
Building Depth: 0053.00
Proximity Code: 2
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 2
Land Assessed Value: 00000002842
Total Assessed Value: 00000023135
Land Exempt Value: 00000002842
Total Exempt Value: 00000013938
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.60
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350030

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 30,TAXBLOCK 9835 (Continued)

S108983553

Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043491
Y Coordinate: 0199069
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

**F39
NW
< 1/8
0.074 mi.
391 ft.**

**SPILL NUMBER 9811281
177-18 WESFORD TERR
JAMAICA, NY**

**LTANKS S104619857
N/A**

Site 3 of 5 in cluster F

**Relative:
Higher**

LTANKS:

**Actual:
95 ft.**

Site ID: 286775
Spill Number/Closed Date: 9811281 / 12/8/1998
Spill Date: 11/30/1998
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: JXZHAO
Referred To: Not reported
Reported to Dept: 12/8/1998
CID: 211
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/8/1998
Spill Record Last Update: 11/10/2003
Spiller Name: PAUL SCAROLA
Spiller Company: PETRO OIL
Spiller Address: 55-60 58TH ST
Spiller City,St,Zip: MASPETH, NY
Spiller County: 001
Spiller Contact: PAUL SCAROLA
Spiller Phone: (718) 628-3351
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 232376
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SPILL NUMBER 9811281 (Continued)

S104619857

Remarks: "ZHAO"SOIL AFFECTED. CLEANEDUP THE SAME DAY. NO SEWERS OF DRAINS AFFECTED. REPORTED LATE BECAUSE WHEN THEY SCREEN THE REPORTS THEY IGNORED THIS SMALL SPILL. WHEN PAUL LOOKED AT THE SPILL HE REALIZED THAT SOIL AFFECTED. THEN HE REPORTED IT.
 DRIVER DID NOT SHUT NOZZLE OFF IN TIME CAUSING PRODUCT TO COME OUT VENT - SPILL CLEANED UP

Material:

Site ID: 286775
 Operable Unit ID: 1072150
 Operable Unit: 01
 Material ID: 315124
 Material Code: 0001A
 Material Name: #2 Fuel Oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 1
 Units: Gallons
 Recovered: Yes
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

**F40
 NW
 < 1/8
 0.074 mi.
 393 ft.**

**LOT 33,TAXBLOCK 9835
 177-30 WEXFORD TERRACE
 QUEENS, NY 11432**

**E DESIGNATION S108983585
 N/A**

Site 4 of 5 in cluster F

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 33
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
 Borough Code: QN
 Community District: 408
 Census Tract: 466
 Census Block: 1004
 School District: 29
 City Council District: 24
 Fire Company: L125
 Health Area: 44
 Police Precinct: 107
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: Not reported
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported
 All Components1: R6

**Actual:
 95 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9835 (Continued)

S108983585

All Components2: Not reported
Split Boundary Indicator: N
Building Class: A1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: VILMA GAGLIARDI
Lot Area: 000012000
Total Building Floor Area: 00000002993
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.50
Residential Units: 00001
Non and Residential Units: 00001
Lot Frontage: 0100.00
Lot Depth: 0120.00
Building Frontage: 0022.00
Building Depth: 0047.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 2
Land Assessed Value: 00000007065
Total Assessed Value: 00000037344
Land Exempt Value: 00000001430
Total Exempt Value: 00000001430
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.25
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350033
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043581
Y Coordinate: 0199097
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9835 (Continued)

S108983585

Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 33
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Exhaust stack location limitations
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: A1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: VILMA GAGLIARDI
Lot Area: 000012000
Total Building Floor Area: 00000002993
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.50
Residential Units: 00001
Non and Residential Units: 00001
Lot Frontage: 0100.00
Lot Depth: 0120.00
Building Frontage: 0022.00
Building Depth: 0047.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9835 (Continued)

S108983585

Land Assessed Value: 00000007065
Total Assessed Value: 00000037344
Land Exempt Value: 00000001430
Total Exempt Value: 00000001430
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.25
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350033
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043581
Y Coordinate: 0199097
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 33
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9835 (Continued)

S108983585

Split Boundary Indicator: N
Building Class: A1
Land Use Category: 01
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: VILMA GAGLIARDI
Lot Area: 000012000
Total Building Floor Area: 00000002993
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.50
Residential Units: 00001
Non and Residential Units: 00001
Lot Frontage: 0100.00
Lot Depth: 0120.00
Building Frontage: 0022.00
Building Depth: 0047.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 3
Basement Type Grade: 2
Land Assessed Value: 00000007065
Total Assessed Value: 00000037344
Land Exempt Value: 00000001430
Total Exempt Value: 00000001430
Year Built: 1930
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.25
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350033
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043581
Y Coordinate: 0199097
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 33,TAXBLOCK 9835 (Continued)

S108983585

Date of Political and Adm Data: 08/2005
 Pluto-Base Map Indicator: 1

**E41
 WNW
 < 1/8
 0.077 mi.
 405 ft.**

**LOT 26,TAXBLOCK 9835
 177-14 87 DRIVE
 QUEENS, NY 11432
 Site 6 of 10 in cluster E**

**E DESIGNATION S108983505
 N/A**

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 26
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
 Borough Code: QN
 Community District: 408
 Census Tract: 466
 Census Block: 1004
 School District: 29
 City Council District: 24
 Fire Company: L125
 Health Area: 44
 Police Precinct: 107
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: Not reported
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported
 All Components1: R6
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: S1
 Land Use Category: 04
 Number of Easements: 0
 Owner, Type of Code: Not reported
 Owner Name: MANDEVILLE EDGAR O
 Lot Area: 000007540
 Total Building Floor Area: 00000002830
 Commercial Floor Area: 00000001300
 Office Floor Area: 00000000000
 Retail Floor Area: 00000001300
 Garage Floor Area: 00000000000
 Storage Floor Area: 00000000000
 Factory Floor Area: 00000000000
 Other Floor Area: 00000000000
 Floor Area,Total Bld Source Code7
 Number of Buildings: 00001
 Number of Floors: 002.50
 Residential Units: 00001
 Non and Residential Units: 00002
 Lot Frontage: 0058.00
 Lot Depth: 0130.00

**Actual:
 95 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 26,TAXBLOCK 9835 (Continued)

S108983505

Building Frontage: 0034.00
Building Depth: 0030.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000007320
Total Assessed Value: 00000029700
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1920
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.38
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350026
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043409
Y Coordinate: 0199033
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 26
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Exhaust stack location limitations
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 26,TAXBLOCK 9835 (Continued)

S108983505

Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: S1
Land Use Category: 04
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: MANDEVILLE EDGAR O
Lot Area: 000007540
Total Building Floor Area: 00000002830
Commercial Floor Area: 00000001300
Office Floor Area: 00000000000
Retail Floor Area: 00000001300
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.50
Residential Units: 00001
Non and Residential Units: 00002
Lot Frontage: 0058.00
Lot Depth: 0130.00
Building Frontage: 0034.00
Building Depth: 0030.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000007320
Total Assessed Value: 00000029700
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1920
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.38
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350026
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043409
Y Coordinate: 0199033
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 26,TAXBLOCK 9835 (Continued)

S108983505

Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 26
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: S1
Land Use Category: 04
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: MANDEVILLE EDGAR O
Lot Area: 000007540
Total Building Floor Area: 00000002830
Commercial Floor Area: 00000001300
Office Floor Area: 00000000000
Retail Floor Area: 00000001300
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.50
Residential Units: 00001
Non and Residential Units: 00002
Lot Frontage: 0058.00
Lot Depth: 0130.00
Building Frontage: 0034.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 26,TAXBLOCK 9835 (Continued)

S108983505

Building Depth: 0030.00
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000007320
Total Assessed Value: 00000029700
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1920
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.38
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350026
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043409
Y Coordinate: 0199033
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

E42
West
< 1/8
0.078 mi.
412 ft.

SHELLY ESTATES GROUP
175-61 HILLSIDE AVENUE
JAMAICA, NY 11432

Site 7 of 10 in cluster E

UST U000395599
HIST UST N/A

Relative:
Higher

UST:
Id/Status: 2-111449 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 602439.35467999999
UTM Y: 4507484.5653100004
Site Type: Apartment Building/Office Building

Actual:
75 ft.

Affiliation Records:
Site Id: 3469
Affiliation Type: Facility Owner
Company Name: SHELLY ESTATES GROUP
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELLY ESTATES GROUP (Continued)

U000395599

Contact Name: Not reported
Address1: 175-61 HILLSIDE AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 3469
Affiliation Type: Mail Contact
Company Name: SHELLY ESTATES GROUP
Contact Type: Not reported
Contact Name: Not reported
Address1: 175-61 HILLSIDE AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 3469
Affiliation Type: On-Site Operator
Company Name: SHELLY ESTATES GROUP
Contact Type: Not reported
Contact Name: MIKE LAMMENS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 3469
Affiliation Type: Emergency Contact
Company Name: SHELLY ESTATES GROUP
Contact Type: Not reported
Contact Name: EDWARD ROSEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELLY ESTATES GROUP (Continued)

U000395599

Country Code: 001
Phone: (718) 658-3111
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 4930
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 3000
Install Date: Not reported
Date Tank Closed: 07/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 07/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

HIST UST:

PBS Number: 2-111449
SPDES Number: Not reported
Emergency Contact: EDWARD ROSEN
Emergency Telephone: (718) 658-3111
Operator: MIKE LAMMENS
Operator Telephone: (718) 658-2620
Owner Name: SHELLY ESTATES GROUP
Owner Address: 175-61 HILLSIDE AVE
Owner City,St,Zip: JAMAICA, NY 11432
Owner Telephone: (718) 658-2620
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: SHELLY ESTATES GROUP
Mailing Address: 175-61 HILLSIDE AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: JAMAICA, NY 11432

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELLY ESTATES GROUP (Continued)

U000395599

Mailing Contact: Not reported
Mailing Telephone: (718) 658-2620
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: 175061 HILLSIDE AVE
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: APARTMENT BUILDING
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 05/04/1992
Expiration Date: 05/07/1997
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 3000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: 07/01/1988
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 07/01/1994
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E43
West
< 1/8
0.078 mi.
412 ft.

CLOSED-LACKOF RECENT INFO
175-61 HILLSIDE AVENUE
JAMAICA, NY

LTANKS **S102143520**
NY Spills **N/A**

Site 8 of 10 in cluster E

Relative:
Higher

LTANKS:

Actual:
75 ft.

Site ID: 220969
 Spill Number/Closed Date: 8804380 / 3/5/2003
 Spill Date: 8/15/1988
 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: 4101
 Investigator: ADMIN. CLOSED
 Referred To: Not reported
 Reported to Dept: 8/18/1988
 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: 8/22/1988
 Spill Record Last Update: 3/19/2003
 Spiller Name: Not reported
 Spiller Company: 175-20 WEXFORD TERR OWNER
 Spiller Address: 175-61 HILLSIDE AVENUE
 Spiller City,St,Zip: JAMAICA, NY
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 182766
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"03/05/2003 Closed Due To The Nature / Extent Of The Spill Report
 Remarks: 10K TANK, INITIAL SYSTEM HORNER-EZY CHECK, PRODUCT WOULDN'T STABILIZE,GAUGE LINE POSSIBLY BROKEN, WILL EXCAVATE TO CHECK LINE, PLAN TO RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

Material:

Site ID: 220969
 Operable Unit ID: 921546
 Operable Unit: 01
 Material ID: 456322
 Material Code: 0001A
 Material Name: #2 Fuel Oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: -1
 Units: Pounds
 Recovered: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S102143520

Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 220969
Spill Tank Test: 1534479
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

SPILLS:

Facility ID: 9210165
Facility Type: ER
DER Facility ID: 276156
Site ID: 79611
DEC Region: 2
Spill Date: 12/2/1992
Spill Number/Closed Date: 9210165 / 12/2/1992
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

SWIS: 4101
Investigator: CAMMISA
Referred To: Not reported
Reported to Dept: 12/2/1992
CID: Not reported
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Other
Cleanup Ceased: 12/2/1992
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 12/3/1992
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: UNK PREVIOUS DELIVERY FILLED STICK WELL THIS DELIVERY BLEW OUT VENT
LINE-CONTAINED IN ALLEYWAY CREW ENROUTE FROM COASTAL

Material:

Site ID: 79611
Operable Unit ID: 976622

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S102143520

Operable Unit: 01
Material ID: 407167
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

E44
West
< 1/8
0.079 mi.
415 ft.

175-61 HILLSIDE AVENUE
175-61 HILLSIDE AVE
QUEENS, NY

NY Spills S102146845
N/A

Site 9 of 10 in cluster E

Relative:
Higher

SPILLS:

Actual:
74 ft.

Facility ID: 9305737
Facility Type: ER
DER Facility ID: 284966
Site ID: 79612
DEC Region: 2
Spill Date: 8/9/1993
Spill Number/Closed Date: 9305737 / 8/11/1993
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 4101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 8/9/1993
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: 8/11/1993
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 8/19/1993
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: Not reported
Spiller City,St,Zip: ***UPDATE***, ZZ
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
Remarks: NO INF. JUST WANTED A SPILL NUMBER.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-61 HILLSIDE AVENUE (Continued)

S102146845

Material:
Site ID: 79612
Operable Unit ID: 987250
Operable Unit: 01
Material ID: 395648
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

45
NNE
< 1/8
0.079 mi.
417 ft.

WINSTON HALL
178-60 WEXFORD TERR
JAMAICA, NY 11432

UST U000402130
N/A

Relative:
Higher

UST:
Id/Status: 2-202363 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2017/05/24
UTM X: 602645.9223599997
UTM Y: 4507649.4117799997
Site Type: Apartment Building/Office Building

Actual:
70 ft.

Affiliation Records:
Site Id: 6926
Affiliation Type: Mail Contact
Company Name: APARTMENT MGMT ASSOC.
Contact Type: Not reported
Contact Name: PETER J LEPORE
Address1: 600 AVE Z
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11223
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6926
Affiliation Type: On-Site Operator
Company Name: WINSTON HALL
Contact Type: Not reported
Contact Name: RICHARD KRIPFGANS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WINSTON HALL (Continued)

U000402130

Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-5248
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/5/2012

Site Id: 6926
Affiliation Type: Facility Owner
Company Name: WINSTON APARTMENTS LLC
Contact Type: DIR OF OPERATIONS
Contact Name: PETER J. LEPORE
Address1: 600 AVE Z
Address2: Not reported
City: BROOKLN
State: NY
Zip Code: 11223
Country Code: 001
Phone: (718) 743-8030
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 5/24/2007

Site Id: 6926
Affiliation Type: Emergency Contact
Company Name: WINSTON APARTMENTS LLC
Contact Type: Not reported
Contact Name: AMA LLC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 743-4400
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/5/2012

Tank Info:

Tank Number: 001
Tank ID: 16956
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 7500
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WINSTON HALL (Continued)

U000402130

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:

G07 - Tank Secondary Containment - Excavation Liner
 B00 - Tank External Protection - None
 C00 - Pipe Location - No Piping
 F00 - Pipe External Protection - None
 I04 - Overfill - Product Level Gauge (A/G)
 A00 - Tank Internal Protection - None
 D01 - Pipe Type - Steel/Carbon Steel/Iron
 J02 - Dispenser - Suction Dispenser
 L09 - Piping Leak Detection - Exempt Suction Piping
 H99 - Tank Leak Detection - Other

E46
WNW
 < 1/8
 0.080 mi.
 421 ft.

LOT 23,TAXBLOCK 9835
177-06 87 DRIVE
QUEENS, NY 11432

Site 10 of 10 in cluster E

E DESIGNATION S108983458
N/A

Relative:
Higher

E DESIGNATION:

Tax Lot(s): 23
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems

Borough Code: QN
 Community District: 408
 Census Tract: 466
 Census Block: 1004
 School District: 29
 City Council District: 24
 Fire Company: L125
 Health Area: 44
 Police Precinct: 107
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: Not reported
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported
 All Components1: R6
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: S1

Actual:
92 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 23,TAXBLOCK 9835 (Continued)

S108983458

Land Use Category: 04
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: BULAITAN, MANUEL
Lot Area: 000006110
Total Building Floor Area: 00000001920
Commercial Floor Area: 00000000960
Office Floor Area: 00000000000
Retail Floor Area: 00000000960
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area, Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00001
Non and Residential Units: 00002
Lot Frontage: 0047.00
Lot Depth: 0130.00
Building Frontage: 0029.50
Building Depth: 0040.50
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000005952
Total Assessed Value: 00000026760
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1935
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.31
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350023
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043371
Y Coordinate: 0198984
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 23,TAXBLOCK 9835 (Continued)

S108983458

Tax Lot(s): 23
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Exhaust stack location limitations
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: S1
Land Use Category: 04
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: BULAUITAN, MANUEL
Lot Area: 000006110
Total Building Floor Area: 00000001920
Commercial Floor Area: 00000000960
Office Floor Area: 00000000000
Retail Floor Area: 00000000960
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00001
Non and Residential Units: 00002
Lot Frontage: 0047.00
Lot Depth: 0130.00
Building Frontage: 0029.50
Building Depth: 0040.50
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000005952
Total Assessed Value: 00000026760
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 23,TAXBLOCK 9835 (Continued)

S108983458

Year Built: 1935
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.31
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350023
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043371
Y Coordinate: 0198984
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 23
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 408
Census Tract: 466
Census Block: 1004
School District: 29
City Council District: 24
Fire Company: L125
Health Area: 44
Police Precinct: 107
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: S1
Land Use Category: 04
Number of Easements: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 23,TAXBLOCK 9835 (Continued)

S108983458

Owner, Type of Code: Not reported
Owner Name: BULAITAN, MANUEL
Lot Area: 000006110
Total Building Floor Area: 00000001920
Commercial Floor Area: 00000000960
Office Floor Area: 00000000000
Retail Floor Area: 00000000960
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 002.00
Residential Units: 00001
Non and Residential Units: 00002
Lot Frontage: 0047.00
Lot Depth: 0130.00
Building Frontage: 0029.50
Building Depth: 0040.50
Proximity Code: 1
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000005952
Total Assessed Value: 00000026760
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1935
Year Built Code: E
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.31
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098350023
Condominium Number: 00000
Census Tract 2: 0466
X Coordinate: 1043371
Y Coordinate: 0198984
Zoning Map: 14D
Sanborn Map: 407 026
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

G47
SW
 < 1/8
 0.085 mi.
 451 ft.

COMPTON OWNERS CORPORATION
175-45 88TH AVENUE
JAMAICA, NY 11432

HIST UST **U001835821**
AST **N/A**

Site 1 of 6 in cluster G

Relative:
Higher

HIST UST:

Actual:
69 ft.

PBS Number: 2-305987
 SPDES Number: Not reported
 Emergency Contact: BARRY RUDOFISKY
 Emergency Telephone: (718) 261-5235
 Operator: EDIE SINERS
 Operator Telephone: (718) 291-2117
 Owner Name: COMPTON REALTY LLC
 Owner Address: 108-18 QUEENS BLVD.
 Owner City,St,Zip: QUEENS, NY 11375
 Owner Telephone: (718) 261-5235
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Name: COMPTON REALTY LLC
 Mailing Address: 108-18 QUEENS BLVD.
 Mailing Address 2: Not reported
 Mailing City,St,Zip: QUEENS, NY 11375
 Mailing Contact: MR. BARRY RUDOFISKY
 Mailing Telephone: (718) 261-5235
 Owner Mark: First Owner
 Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
 Facility Addr2: 175045 88 AVE
 SWIS ID: 6301
 Old PBS Number: Not reported
 Facility Type: APARTMENT BUILDING
 Inspected Date: Not reported
 Inspector: Not reported
 Inspection Result: Not reported
 Federal ID: Not reported
 Certification Flag: False
 Certification Date: 01/19/2001
 Expiration Date: 07/14/2002
 Renew Flag: False
 Renewal Date: Not reported
 Total Capacity: 5000
 FAMT: True
 Facility Screen: No Missing Data
 Owner Screen: No Missing Data
 Tank Screen: No Missing Data
 Dead Letter: False
 CBS Number: Not reported
 Town or City: NEW YORK CITY
 County Code: 63
 Town or City: 01
 Region: 2
 Tank Id: 001
 Tank Location: UNDERGROUND
 Tank Status: Closed-In Place
 Install Date: Not reported
 Capacity (gals): 7500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMPTON OWNERS CORPORATION (Continued)

U001835821

Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 11/01/2000
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-305987
Program Type: PBS
UTM X: 602459.29046000005
UTM Y: 4507399.12634
Expiration Date: 2017/07/14
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 14004
Affiliation Type: Facility Owner
Company Name: COMPTON OWNERS CORP
Contact Type: PROPERTY MANAGER
Contact Name: MICHAEL PINCHASICK
Address1: 175-45 88TH AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 261-5235
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 12/26/2013

Site Id: 14004
Affiliation Type: Mail Contact
Company Name: Not reported
Contact Type: Not reported
Contact Name: ALFRED BONILLA / MICHAEL PINCHASICK
Address1: 136 GLENWOOD RD
Address2: PO BOX 401

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMPTON OWNERS CORPORATION (Continued)

U001835821

City: GLENWOOD LANDING
State: NY
Zip Code: 11547
Country Code: 001
Phone: (516) 609-8200
EMail: STEVEP@CARLTONMANAGEMENT.COM
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 12/26/2013

Site Id: 14004
Affiliation Type: On-Site Operator
Company Name: COMPTON OWNERS CORPORATION
Contact Type: Not reported
Contact Name: ALFRED BONILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 228-3307
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 12/26/2013

Site Id: 14004
Affiliation Type: Emergency Contact
Company Name: COMPTON OWNERS CORP
Contact Type: Not reported
Contact Name: SHEILA GLENN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 938-5774
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 12/26/2013

Tank Info:

Tank Number: 002
Tank Id: 59351
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
E02 - Piping Secondary Containment - Vault (with Access)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
C01 - Pipe Location - Aboveground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMPTON OWNERS CORPORATION (Continued)

U001835821

F01 - Pipe External Protection - Painted/Asphalt Coating
G03 - Tank Secondary Containment - Vault (w/o access)
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
3
Tank Location:
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/01/2000
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: 12/26/2013
Material Name: #2 Fuel Oil (On-Site Consumption)

**G48
SW
< 1/8
0.085 mi.
451 ft.**

**COMPTON OWNERS CORPORATION
175-45 88TH AVENUE
JAMAICA, NY 11432
Site 2 of 6 in cluster G**

**UST U004077598
N/A**

**Relative:
Higher

Actual:
69 ft.**

UST:
Id/Status: 2-305987 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2017/07/14
UTM X: 602459.29046000005
UTM Y: 4507399.12634
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 14004
Affiliation Type: Facility Owner
Company Name: COMPTON OWNERS CORP
Contact Type: PROPERTY MANAGER
Contact Name: MICHAEL PINCHASICK
Address1: 175-45 88TH AVENUE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 261-5235
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 12/26/2013

Site Id: 14004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMPTON OWNERS CORPORATION (Continued)

U004077598

Affiliation Type: Mail Contact
Company Name: Not reported
Contact Type: Not reported
Contact Name: ALFRED BONILLA / MICHAEL PINCHASICK
Address1: 136 GLENWOOD RD
Address2: PO BOX 401
City: GLENWOOD LANDING
State: NY
Zip Code: 11547
Country Code: 001
Phone: (516) 609-8200
EMail: STEVEP@CARLTONMANAGEMENT.COM
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 12/26/2013

Site Id: 14004
Affiliation Type: On-Site Operator
Company Name: COMPTON OWNERS CORPORATION
Contact Type: Not reported
Contact Name: ALFRED BONILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 228-3307
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 12/26/2013

Site Id: 14004
Affiliation Type: Emergency Contact
Company Name: COMPTON OWNERS CORP
Contact Type: Not reported
Contact Name: SHEILA GLENN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 938-5774
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 12/26/2013

Tank Info:

Tank Number: 001
Tank ID: 16393
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 7500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMPTON OWNERS CORPORATION (Continued)

U004077598

Install Date: Not reported
Date Tank Closed: 11/01/2000
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
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None

G49
WSW
< 1/8
0.093 mi.
492 ft.

175-21 88TH AVE
175-21 88TH AVE
JAMAICA, NY 11432
Site 3 of 6 in cluster G

AST U003384428
N/A

Relative:
Higher

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-100404
Program Type: PBS
UTM X: 602444.31909
UTM Y: 4507394.2563800002
Expiration Date: 2017/03/24
Site Type: Apartment Building/Office Building

Actual:
69 ft.

Affiliation Records:

Site Id: 3041
Affiliation Type: Facility Owner
Company Name: BONNIE LYNN REALTY CORP
Contact Type: OFFICE MANAGER
Contact Name: BRUCE RUBEL
Address1: 175-61 HILLSIDE AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-21 88TH AVE (Continued)

U003384428

Date Last Modified: 12/20/2006

Site Id: 3041
Affiliation Type: Mail Contact
Company Name: BONNIE LYNN REALTY CORP
Contact Type: OFFICE MANAGER
Contact Name: BRUCE RUBEL
Address1: 175-61 HILLSIDE AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 12/20/2006

Site Id: 3041
Affiliation Type: On-Site Operator
Company Name: 175-21 88TH AVE
Contact Type: Not reported
Contact Name: EDGOR ORDONEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-1977
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 3041
Affiliation Type: Emergency Contact
Company Name: BONNIE LYNN REALTY CORP
Contact Type: Not reported
Contact Name: BRUCE RUBEL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 458-2319
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 1/12/2012

Tank Info:

Tank Number: 001
Tank Id: 3762

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

175-21 88TH AVE (Continued)

U003384428

Material Code: 0009
 Common Name of Substance: Gasoline

Equipment Records:

C00 - Pipe Location - No Piping
 F00 - Pipe External Protection - None
 I04 - Overfill - Product Level Gauge (A/G)
 H00 - Tank Leak Detection - None
 D00 - Pipe Type - No Piping
 G00 - Tank Secondary Containment - None
 B00 - Tank External Protection - None
 A00 - Tank Internal Protection - None

Tank Location: 1
 Tank Type: Steel/Carbon Steel/Iron
 Tank Status: In Service
 Pipe Model: Not reported
 Install Date: 12/01/1960
 Capacity Gallons: 7500
 Tightness Test Method: NN
 Date Test: Not reported
 Next Test Date: Not reported
 Date Tank Closed: Not reported
 Register: True
 Modified By: TRANSLAT
 Last Modified: 03/04/2004
 Material Name: Gasoline

G50
West
< 1/8
0.094 mi.
497 ft.

LOT 16,TAXBLOCK 9834
175-20 HILLSIDE AVENUE
QUEENS, NY 11432

E DESIGNATION S109318154
N/A

Site 4 of 6 in cluster G

Relative:
Higher

E DESIGNATION:

Tax Lot(s): 16
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems

Actual:
76 ft.

Borough Code: QN
 Community District: 412
 Census Tract: 462
 Census Block: 1000
 School District: 29
 City Council District: 27
 Fire Company: L125
 Health Area: 44
 Police Precinct: 103
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: C2-2
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 16,TAXBLOCK 9834 (Continued)

S109318154

Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: O7
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: P
Owner Name: 175-20 HILLSIDE AVEAS
Lot Area: 000008000
Total Building Floor Area: 00000014791
Commercial Floor Area: 00000014791
Office Floor Area: 00000014791
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 003.00
Residential Units: 00000
Non and Residential Units: 00004
Lot Frontage: 0080.00
Lot Depth: 0100.00
Building Frontage: 0060.00
Building Depth: 0080.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000261000
Total Assessed Value: 00000688500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1973
Year Built Code: Not reported
Year Altered1: 1982
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0001.85
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340016
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043326
Y Coordinate: 0198611
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 16,TAXBLOCK 9834 (Continued)

S109318154

Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 16
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code: QN
Community District: 412
Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: O7
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: P
Owner Name: 175-20 HILLSIDE AVEAS
Lot Area: 000008000
Total Building Floor Area: 00000014791
Commercial Floor Area: 00000014791
Office Floor Area: 00000014791
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7

Number of Buildings: 00001
Number of Floors: 003.00
Residential Units: 00000
Non and Residential Units: 00004
Lot Frontage: 0080.00
Lot Depth: 0100.00
Building Frontage: 0060.00
Building Depth: 0080.00
Proximity Code: 0
Irregular Lot Code: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 16,TAXBLOCK 9834 (Continued)

S109318154

Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000261000
Total Assessed Value: 00000688500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1973
Year Built Code: Not reported
Year Altered1: 1982
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0001.85
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340016
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043326
Y Coordinate: 0198611
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 16
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 16,TAXBLOCK 9834 (Continued)

S109318154

All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: O7
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: P
Owner Name: 175-20 HILLSIDE AVEAS
Lot Area: 000008000
Total Building Floor Area: 00000014791
Commercial Floor Area: 00000014791
Office Floor Area: 00000014791
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 003.00
Residential Units: 00000
Non and Residential Units: 00004
Lot Frontage: 0080.00
Lot Depth: 0100.00
Building Frontage: 0060.00
Building Depth: 0080.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000261000
Total Assessed Value: 00000688500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1973
Year Built Code: Not reported
Year Altered1: 1982
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0001.85
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340016
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043326
Y Coordinate: 0198611
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 16,TAXBLOCK 9834 (Continued)

S109318154

Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

**H51
SE
< 1/8
0.094 mi.
498 ft.**

**PUBLIC SCHOOL 95-QUEENS
179-01 90TH AVENUE
JAMAICA, NY 11432
Site 1 of 2 in cluster H**

**AST U003397011
N/A**

**Relative:
Lower**

AST:

Region: STATE
DEC Region: 2
Site Status: Administratively Closed
Facility Id: 2-603139
Program Type: PBS
UTM X: 602758.41824999999
UTM Y: 4507347.0828099996
Expiration Date: N/A
Site Type: School

**Actual:
61 ft.**

Affiliation Records:

Site Id: 25091
Affiliation Type: Facility Owner
Company Name: N.Y.C. SCHOOL CONSTRUCTION AUTHORITY
Contact Type: Not reported
Contact Name: Not reported
Address1: 30-30 THOMASON AVENUE
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 472-8103
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 25091
Affiliation Type: Mail Contact
Company Name: N.Y.C. SCHOOL CONSTRUCTION AUTHORITY
Contact Type: Not reported
Contact Name: MICHAEL KALEDA
Address1: 30-30 THOMASON AVENUE
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 472-8103
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 25091

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 95-QUEENS (Continued)

U003397011

Affiliation Type: On-Site Operator
Company Name: PUBLIC SCHOOL #95
Contact Type: Not reported
Contact Name: MICHAEL BROGNA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 523-9022
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 25091
Affiliation Type: Emergency Contact
Company Name: N.Y.C. SCHOOL CONSTRUCTION AUTHORITY
Contact Type: Not reported
Contact Name: MICHAEL KALEDA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 472-8155
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 61602
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 95-QUEENS (Continued)

U003397011

Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1997
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KAKYER
Last Modified: 08/01/2006
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 001
Tank Id: 53202
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 09/01/1997
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/04/2002
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 002
Tank Id: 61603
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 95-QUEENS (Continued)

U003397011

J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1997
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KAKYER
Last Modified: 08/01/2006
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 002
Tank Id: 53203
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 09/01/1997
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/04/2002
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: #2 Fuel Oil (On-Site Consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 95-QUEENS (Continued)

U003397011

Affiliation Records:

Site Id: 28422
Affiliation Type: On-Site Operator
Company Name: PUBLIC SCHOOL 95-QUEENS
Contact Type: Not reported
Contact Name: PLANT OPERATION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 349-5400
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 8/1/2006

Site Id: 28422
Affiliation Type: Emergency Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: SCHOOL SAFETY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 935-3300
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 6/24/2011

Site Id: 28422
Affiliation Type: Facility Owner
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: MANAGER-FUEL DIVISION
Contact Name: MUNENDRA SHARMA
Address1: 44-36 VERNON BLVD.
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 7/5/2011

Site Id: 28422
Affiliation Type: Mail Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: MUNENDRA SHARMA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 95-QUEENS (Continued)

U003397011

Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BLVD.
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
Email: JMERLO@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2/10/2012

Tank Info:

Tank Number: 001
Tank Id: 61602
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1997
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KAKYER
Last Modified: 08/01/2006
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 001
Tank Id: 53202
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 95-QUEENS (Continued)

U003397011

F01 - Pipe External Protection - Painted/Asphalt Coating
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 09/01/1997
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/04/2002
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 002
Tank Id: 61603
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1997
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KAKYER
Last Modified: 08/01/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 95-QUEENS (Continued)

U003397011

Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 002
Tank Id: 53203
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
G03 - Tank Secondary Containment - Vault (w/o access)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Administratively Closed
Pipe Model: Not reported
Install Date: 09/01/1997
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/04/2002
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: #2 Fuel Oil (On-Site Consumption)

H52
SSE
< 1/8
0.095 mi.
501 ft.

NYC DEPT OF EDUCATION - PS 95Q
179-01 90TH AVE
JAMAICA, NY 11432

RCRA-SQG 1004759375
FINDS NYR000009266
MANIFEST

Site 2 of 2 in cluster H

Relative:
Lower

RCRA-SQG:

Date form received by agency: 05/14/2013
Facility name: NYC DEPT OF EDUCATION - PS 95Q
Facility address: 179-01 90TH AVE
JAMAICA, NY 11432

Actual:
60 ft.

EPA ID: NYR000009266
Mailing address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Contact: ALEXANDER LEMPERS
Contact address: THOMSON AVE
LONG ISLAND CITY, NY 11101

Contact country: US
Contact telephone: (718) 472-8501
Contact email: ALEMPERT@NYCSCA.ORG
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

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: NYC BD OF ED
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 349-5600
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 EDUCATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 472-8501
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 12/10/1926
Owner/Op end date: Not reported

Owner/operator name: NYC BD OF ED
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 349-5600
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF SCHOOL FACILITIES
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 12/10/1926
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

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
Facility name: NYC DEPT OF EDUCATION - PS 95Q
Site name: NYC BD OF ED - PUBLIC SCHOOL 95 QUEENS
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Facility name: NYC DEPT OF EDUCATION - PS 95Q
Site name: NYC BD OF ED - PUBLIC SCHOOL 95 QUEENS
Classification: Not a generator, verified

Date form received by agency: 07/27/1995
Facility name: NYC DEPT OF EDUCATION - PS 95Q
Site name: NYC BD OF ED - PUBLIC SCHOOL 95 QUEENS
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: B004
Waste name: B004

Waste code: B007
Waste name: B007

Violation Status: No violations found

FINDS:

Registry ID: 110004515882

Environmental Interest/Information System

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

NY MANIFEST:

EPA ID: NYR000009266
Country: USA
Mailing Name: NYC BOARD OF EDUCATION - PS 95
Mailing Contact: NYC BOARD OF EDUCATION - PS 95
Mailing Address: 28-11 QUEENS PLAZA NORTH
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Mailing Country: USA
Mailing Phone: 718-935-0947

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 26-Mar-2013 00:00:00
Trans1 Recv Date: 26-Mar-2013 00:00:00
Trans2 Recv Date: 27-Mar-2013 00:00:00
TSD Site Recv Date: 28-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 2586
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928606GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 27-Mar-2013 00:00:00
Trans1 Recv Date: 27-Mar-2013 00:00:00
Trans2 Recv Date: 28-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 1089
Units: K - Kilograms (2.2 pounds)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928607GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 24-Mar-2013 00:00:00
Trans1 Recv Date: 24-Mar-2013 00:00:00
Trans2 Recv Date: 28-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 1116
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928608GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 24-Mar-2013 00:00:00
Trans1 Recv Date: 24-Mar-2013 00:00:00
Trans2 Recv Date: 29-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 2649
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928610GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 25-Mar-2013 00:00:00
Trans1 Recv Date: 25-Mar-2013 00:00:00
Trans2 Recv Date: 29-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 4745
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928611GBF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 25-Mar-2013 00:00:00
Trans1 Recv Date: 25-Mar-2013 00:00:00
Trans2 Recv Date: 28-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 4545
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928612GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 26-Mar-2013 00:00:00
Trans1 Recv Date: 26-Mar-2013 00:00:00
Trans2 Recv Date: 27-Mar-2013 00:00:00
TSD Site Recv Date: 28-Mar-2013 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 1125
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928613GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 27-Mar-2013 00:00:00
Trans1 Recv Date: 27-Mar-2013 00:00:00
Trans2 Recv Date: 28-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 798
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928616GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 01-Jun-2013 00:00:00
Trans1 Recv Date: 01-Jun-2013 00:00:00
Trans2 Recv Date: 04-Jun-2013 00:00:00
TSD Site Recv Date: 05-Jun-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 1778
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928627GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: Not reported
Generator Ship Date: 01-Jun-2013 00:00:00
Trans1 Recv Date: 01-Jun-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10-Jun-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NYD049836679

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Waste Code: Not reported
Quantity: 210
Units: K - Kilograms (2.2 pounds)
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928628GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: Y
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: NJA2116735
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC
Trans1 State ID: 50082
Trans2 State ID: S6993
Generator Ship Date: 950809
Trans1 Recv Date: 950809
Trans2 Recv Date: 950921
TSD Site Recv Date: 950921
Part A Recv Date: Not reported
Part B Recv Date: 951005
Generator EPA ID: NYR000009266
Trans1 EPA ID: NY0000551218
Trans2 EPA ID: NJD980772768
TSDf ID: NJD991291105
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00200
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100
Year: 95

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 26-Mar-2013 00:00:00
Trans1 Recv Date: 26-Mar-2013 00:00:00
Trans2 Recv Date: 27-Mar-2013 00:00:00
TSD Site Recv Date: 28-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 2586
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928606GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 27-Mar-2013 00:00:00
Trans1 Recv Date: 27-Mar-2013 00:00:00
Trans2 Recv Date: 28-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 1089
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928607GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 24-Mar-2013 00:00:00
Trans1 Recv Date: 24-Mar-2013 00:00:00
Trans2 Recv Date: 28-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 1116
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928608GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 24-Mar-2013 00:00:00
Trans1 Recv Date: 24-Mar-2013 00:00:00
Trans2 Recv Date: 29-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 2649
Units: K - Kilograms (2.2 pounds)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928610GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 25-Mar-2013 00:00:00
Trans1 Recv Date: 25-Mar-2013 00:00:00
Trans2 Recv Date: 29-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 4745
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928611GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 25-Mar-2013 00:00:00
Trans1 Recv Date: 25-Mar-2013 00:00:00
Trans2 Recv Date: 28-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 4545
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928612GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 26-Mar-2013 00:00:00
Trans1 Recv Date: 26-Mar-2013 00:00:00
Trans2 Recv Date: 27-Mar-2013 00:00:00
TSD Site Recv Date: 28-Mar-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 1125
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928613GBF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 27-Mar-2013 00:00:00
Trans1 Recv Date: 27-Mar-2013 00:00:00
Trans2 Recv Date: 28-Mar-2013 00:00:00
TSD Site Recv Date: 02-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 798
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928616GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD986938645
Trans2 State ID: PAD146714878
Generator Ship Date: 01-Jun-2013 00:00:00
Trans1 Recv Date: 01-Jun-2013 00:00:00
Trans2 Recv Date: 04-Jun-2013 00:00:00
TSD Site Recv Date: 05-Jun-2013 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 95Q (Continued)

1004759375

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009266
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: ALD000622464
Waste Code: Not reported
Quantity: 1778
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 001928627GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H132

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

G53
WSW
< 1/8
0.096 mi.
508 ft.

175-10 88TH AVE
175-10 88TH AVE
QUEENS, NY
Site 5 of 6 in cluster G

LTANKS S104877533
N/A

Relative:
Higher

LTANKS:
Site ID: 106753
Spill Number/Closed Date: 0010833 / 12/11/2003
Spill Date: 1/1/2001
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: 4101
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 1/1/2001
CID: 322
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/1/2001

Actual:
69 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-10 88TH AVE (Continued)

S104877533

Spill Record Last Update: 12/19/2006
Spiller Name: JOHN BUNTA
Spiller Company: HUMAN RESOUCES ADMIN
Spiller Address: 175-10 88 AVE
Spiller City,St,Zip: QUEENS, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 93973
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"12/11/03 TJDold street spill. FD recovered most of product and drummed for disposal. Impacts to concrete in/out of building were cleaned using absorbents. No further action required. Spill closed.
Remarks: 2 55 gal drums cracked causing spill inside the building and also to the street - fire dept on scene doing clean up

Material:
Site ID: 106753
Operable Unit ID: 832114
Operable Unit: 01
Material ID: 552866
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 100
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

G54
WSW
< 1/8
0.097 mi.
510 ft.

C.I.S. FAMILY SHELTER
175-10 88TH AVENUE
JAMAICA, NY 11432
Site 6 of 6 in cluster G

LTANKS U000394620
UST N/A
HIST UST
AST
HIST AST

Relative:
Higher

LTANKS:
Site ID: 119456
Spill Number/Closed Date: 0101885 / 1/31/2006
Spill Date: 5/18/2001
Spill Cause: Tank Test Failure
Spill Source: Unknown
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: 4101
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 5/18/2001
CID: 403

Actual:
69 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

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: 5/18/2001
Spill Record Last Update: 5/12/2008
Spiller Name: FINDLEY & NICHOL
Spiller Company: Not reported
Spiller Address: 175 88TH ST
Spiller City,St,Zip: JAMAICA, ZZ
Spiller County: 001
Spiller Contact: FINDLEY & NICHOL
Spiller Phone: (631) 586-4900
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 103762
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"1/13/06 called Fenley & Nicol - Shawn Aaron no longer employed there. Spoke with Abby VanSprundel who stated she would search their records and see what she could find. Sent followup letters with spill report and Bulk Storage Facility Information Report to Fenley & Nicol and Compton Realty LLC to request assistance in closing out this spill.could not confirm correct address - see submitted letter from property owner who states report does not apply to his tanks.

Remarks: TANK IS NOT BEING USED PRESENTLY

Material:

Tank Test:

Site ID: 119456
Spill Tank Test: 1526307
Tank Number: Not reported
Tank Size: 5000
Test Method: 03
Leak Rate: 2
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

UST:

Id/Status: 2-084786 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2014/05/05
UTM X: 602437.42163
UTM Y: 4507392.0515900003
Site Type: Other

Affiliation Records:

Site Id: 1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

Affiliation Type: Mail Contact
Company Name: NYC DEPT. OF HOMELESS SERVICES
Contact Type: Not reported
Contact Name: MATTEW COOGAN
Address1: 10107 FARRAGUT RD
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11236
Country Code: 001
Phone: (718) 688-8520
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 5/11/2005

Site Id: 1989
Affiliation Type: On-Site Operator
Company Name: C.I.S. FAMILY SHELTER
Contact Type: Not reported
Contact Name: HARRY ZINK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 688-8941
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 4/5/2011

Site Id: 1989
Affiliation Type: Emergency Contact
Company Name: NYC DEPT. OF HOMELESS SERVICES
Contact Type: Not reported
Contact Name: PETE DEMPSEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 688-8941
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 4/5/2011

Site Id: 1989
Affiliation Type: Facility Owner
Company Name: NYC DEPT. OF HOMELESS SERVICES
Contact Type: DIRECTOR
Contact Name: PETE DEMPSEY
Address1: 10107 FARRAGUT RD
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

City: BROOKLYN
State: NY
Zip Code: 11236
Country Code: 001
Phone: (718) 688-8565
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 4/5/2011

Tank Info:

Tank Number: 001
Tank ID: 3241
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 01/01/2003
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: 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
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None

Tank Number: 002
Tank ID: 3242
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 5000
Install Date: 05/01/1982
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)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

Tightness Test Method: 21
Date Test: 03/09/2011
Next Test Date: 03/09/2016
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 04/05/2011

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Number: 005
Tank ID: 66047
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 5000
Install Date: 02/01/2003
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: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
F04 - Pipe External Protection - Fiberglass
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

HIST UST:

PBS Number: 2-084786
SPDES Number: Not reported
Emergency Contact: ENGINEER
Emergency Telephone: (212) 206-3923

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

Operator: PETER DEMPSEY
Operator Telephone: (718) 495-7230
Owner Name: CITY OF NY DEPT. OF HOMELESS SERVICES
Owner Address: 260 11TH AVENUE
Owner City,St,Zip: NEW YORK, NY 10001
Owner Telephone: (212) 206-3923
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Name: CITY OF NY DEPT OF HOMELESS SERVICES
Mailing Address: 260 11TH AVE.
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10001
Mailing Contact: MATTHEW COOGAN
Mailing Telephone: (212) 630-9347
Owner Mark: Third Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: KA JAMAICA ARMS HOTEL
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 05/27/1999
Expiration Date: 05/05/2004
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 10000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 5000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: 12/27/1987
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 5000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: 12/27/1987
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-084786
Program Type: PBS
UTM X: 602437.42163
UTM Y: 4507392.0515900003
Expiration Date: 2014/05/05
Site Type: Other

Affiliation Records:

Site Id: 1989
Affiliation Type: Mail Contact
Company Name: NYC DEPT. OF HOMELESS SERVICES
Contact Type: Not reported
Contact Name: MATTEW COOGAN
Address1: 10107 FARRAGUT RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11236
Country Code: 001
Phone: (718) 688-8520
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 5/11/2005

Site Id: 1989
Affiliation Type: On-Site Operator
Company Name: C.I.S. FAMILY SHELTER
Contact Type: Not reported
Contact Name: HARRY ZINK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 688-8941
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 4/5/2011

Site Id: 1989
Affiliation Type: Emergency Contact
Company Name: NYC DEPT. OF HOMELESS SERVICES
Contact Type: Not reported
Contact Name: PETE DEMPSEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 688-8941
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 4/5/2011

Site Id: 1989
Affiliation Type: Facility Owner
Company Name: NYC DEPT. OF HOMELESS SERVICES
Contact Type: DIRECTOR
Contact Name: PETE DEMPSEY
Address1: 10107 FARRAGUT RD
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11236
Country Code: 001
Phone: (718) 688-8565

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 4/5/2011

Tank Info:

Tank Number: 003
Tank Id: 3243
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
F06 - Pipe External Protection - Wrapped
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location: 6
Tank Type: ZZ
Tank Status: Closed Prior to Micro Conversion, 03/91
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: 004
Tank Id: 3244
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F06 - Pipe External Protection - Wrapped
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None

Tank Location: 6
Tank Type: ZZ
Tank Status: Closed Prior to Micro Conversion, 03/91

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: #2 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-084786
SWIS Code: 6301
Operator: PETER DEMPSEY
Facility Phone: (718) 495-7230
Facility Addr2: KA JAMAICA ARMS HOTEL
Facility Type: OTHER
Emergency: ENGINEER
Emergency Tel: (212) 206-3923
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: CITY OF NY DEPT. OF HOMELESS SERVICES
Owner Address: 260 11TH AVENUE
Owner City,St,Zip: NEW YORK, NY 10001
Federal ID: Not reported
Owner Tel: (212) 206-3923
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Contact: MATTHEW COOGAN
Mailing Name: CITY OF NY DEPT OF HOMELESS SERVICES
Mailing Address: 260 11TH AVE.
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10001
Mailing Telephone: (212) 630-9347
Owner Mark: Third Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 05/27/1999
Expiration: 05/05/2004
Renew Flag: False
Renew Date: Not reported
Total Capacity: 10000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City Code: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C.I.S. FAMILY SHELTER (Continued)

U000394620

Region: 2

Tank ID: 003
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: Closed Before April 1, 1991
Install Date: Not reported
Capacity (Gal): 275
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Not reported
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: 6
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Major Data Missing (which is on the certificate)
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 004
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: Closed Before April 1, 1991
Install Date: Not reported
Capacity (Gal): 275
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Not reported
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: 6
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Major Data Missing (which is on the certificate)
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

F55
WNW
< 1/8
0.097 mi.
513 ft.
THE MARY LOUIS ACADEMY
176-21 WEXFORD TERRACE
JAMAICA ESTATES, NY 11432
Site 5 of 5 in cluster F

UST **U001835451**
HIST UST **N/A**

Relative:
Higher

UST:
Id/Status: 2-281549 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 602417.19880000001
UTM Y: 4507577.8567300001
Site Type: School

Actual:
102 ft.

Affiliation Records:
Site Id: 12349
Affiliation Type: Facility Owner
Company Name: SISTERS OF SAINT JOSEPH
Contact Type: Not reported
Contact Name: Not reported
Address1: BRENTWOOD ROAD
Address2: Not reported
City: BRENTWOOD
State: NY
Zip Code: 11717
Country Code: 001
Phone: (718) 297-2120
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 12349
Affiliation Type: Mail Contact
Company Name: SISTERS OF SAINT JOSEPH
Contact Type: Not reported
Contact Name: SISTER JOAN LARKIN
Address1: BRENTWOOD LI
Address2: Not reported
City: BRENTWOOD
State: NY
Zip Code: 11717
Country Code: 001
Phone: (718) 297-2120
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 12349
Affiliation Type: On-Site Operator
Company Name: THE MARY LOUIS ACADEMY
Contact Type: Not reported
Contact Name: SISTERS OF SAINT JOSEPH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE MARY LOUIS ACADEMY (Continued)

U001835451

Zip Code: Not reported
Country Code: 001
Phone: (718) 297-2120
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 12349
Affiliation Type: Emergency Contact
Company Name: SISTERS OF SAINT JOSEPH
Contact Type: Not reported
Contact Name: THOMAS LOWDER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 242-1657
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 14715
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 07/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE MARY LOUIS ACADEMY (Continued)

U001835451

HIST UST:

PBS Number: 2-281549
SPDES Number: Not reported
Emergency Contact: THOMAS LOWDER
Emergency Telephone: (516) 242-1657
Operator: SISTERS OF SAINT JOSEPH
Operator Telephone: (718) 297-2120
Owner Name: SISTERS OF SAINT JOSEPH
Owner Address: BRENTWOOD ROAD
Owner City,St,Zip: BRENTWOOD, NY 11717
Owner Telephone: (718) 297-2120
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: SISTERS OF SAINT JOSEPH
Mailing Address: BRENTWOOD LI
Mailing Address 2: Not reported
Mailing City,St,Zip: BRENTWOOD, NY 11717
Mailing Contact: SISTER JOAN LARKIN
Mailing Telephone: (718) 297-2120
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)
and Subpart 360-14.
Facility Addr2: 176021 WEXFORD TERRACE
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: SCHOOL
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 08/04/1997
Expiration Date: 07/14/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 5000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THE MARY LOUIS ACADEMY (Continued)

U001835451

Pipe Type: STEEL/IRON
 Pipe Internal: Not reported
 Pipe External: Not reported
 Second Containment: None
 Leak Detection: None
 Overfill Prot: Product Level Gauge
 Dispenser: Suction
 Date Tested: Not reported
 Next Test Date: Not reported
 Missing Data for Tank: Minor Data Missing
 Date Closed: 07/01/1998
 Test Method: Not reported
 Deleted: False
 Updated: True
 Lat/long: Not reported

I56
West
< 1/8
0.102 mi.
537 ft.

LOT 33,TAXBLOCK 9834
175-52 HILLSIDE AVENUE
QUEENS, NY 11432
Site 1 of 8 in cluster I

E DESIGNATION S108983584
N/A

Relative:
Higher

E DESIGNATION:

Tax Lot(s): 33
 E-No: E-175
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems

Actual:
77 ft.

Borough Code: QN
 Community District: 412
 Census Tract: 462
 Census Block: 1000
 School District: 29
 City Council District: 27
 Fire Company: L125
 Health Area: 44
 Police Precinct: 103
 Zone District 1: R6
 Zone District 2: Not reported
 Commercial Overlay1: C2-2
 Commercial Overlay2: Not reported
 Special Purpose District1: Not reported
 Special Purpose District2: Not reported
 All Components1: C2-2/R6
 All Components2: Not reported
 Split Boundary Indicator: N
 Building Class: O8
 Land Use Category: 05
 Number of Easements: 0
 Owner, Type of Code: P
 Owner Name: 175 HILLSIDE ASSOCIAT
 Lot Area: 000011200
 Total Building Floor Area: 00000003300
 Commercial Floor Area: 00000002220

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9834 (Continued)

S108983584

Office Floor Area: 00000002220
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00003
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00004
Lot Frontage: 0141.00
Lot Depth: 0070.00
Building Frontage: 0018.00
Building Depth: 0040.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000245250
Total Assessed Value: 00000301500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1920
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.29
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340033
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043709
Y Coordinate: 0198696
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 33
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9834 (Continued)

S108983584

Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: O8
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: P
Owner Name: 175 HILLSIDE ASSOCIAT
Lot Area: 000011200
Total Building Floor Area: 00000003300
Commercial Floor Area: 00000002220
Office Floor Area: 00000002220
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00003
Number of Floors: 002.00
Residential Units: 00002
Non and Residential Units: 00004
Lot Frontage: 0141.00
Lot Depth: 0070.00
Building Frontage: 0018.00
Building Depth: 0040.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000245250
Total Assessed Value: 00000301500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1920
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 33,TAXBLOCK 9834 (Continued)

S108983584

Built Floor Area Ratio-Far: 0000.29
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340033
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043709
Y Coordinate: 0198696
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

57
East
< 1/8
0.105 mi.
554 ft.

88-28 180TH ST
88-28 180TH ST
JAMAICA, NY

NY Spills S102239001
N/A

Relative:
Lower

SPILLS:

Actual:
61 ft.

Facility ID: 9514134
Facility Type: ER
DER Facility ID: 230357
Site ID: 284054
DEC Region: 2
Spill Date: 2/6/1996
Spill Number/Closed Date: 9514134 / 2/6/1996
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 2/6/1996
CID: 312
Water Affected: Not reported
Spill Source: Tank Truck
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: 2/6/1996
Spill Record Last Update: 2/26/1996
Spiller Name: Not reported
Spiller Company: PETRO ASTORIA
Spiller Address: 36-16 19TH AV

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-28 180TH ST (Continued)

S102239001

Spiller City,St,Zip: ASTORIA, NY 11105-001
Spiller Company: ANIBABAL, MR
Contact Name: (718) 206-2514
Contact Phone: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
DEC Memo: DRIVER DIDN'T HEAR THE BELL GOING OFF - SPILLED 1 QUART AND CLEANED UP SAME
Remarks:

Material:
Site ID: 284054
Operable Unit ID: 1024971
Operable Unit: 01
Material ID: 354274
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

I58
West
< 1/8
0.109 mi.
574 ft.

LOT 28,TAXBLOCK 9834
175-42 HILLSIDE AVENUE
QUEENS, NY 11432

E DESIGNATION **S108983527**
N/A

Site 2 of 8 in cluster I

Relative:
Higher

E DESIGNATION:
Tax Lot(s): 28
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code: QN
Community District: 412
Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported

Actual:
78 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 28,TAXBLOCK 9834 (Continued)

S108983527

All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K5
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: HOME & MORE, LLC
Lot Area: 000010000
Total Building Floor Area: 00000002054
Commercial Floor Area: 00000002054
Office Floor Area: 00000000000
Retail Floor Area: 00000001452
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000602
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0100.00
Lot Depth: 0100.00
Building Frontage: 0022.00
Building Depth: 0065.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000315000
Total Assessed Value: 00000391500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1919
Year Built Code: Not reported
Year Altered1: 1982
Year Altered2: 1997
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.21
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340028
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043563
Y Coordinate: 0198686
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 28,TAXBLOCK 9834 (Continued)

S108983527

Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 28
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K5
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: HOME & MORE, LLC
Lot Area: 000010000
Total Building Floor Area: 00000002054
Commercial Floor Area: 00000002054
Office Floor Area: 00000000000
Retail Floor Area: 00000001452
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000602
Floor Area,Total Bld Source Code7

Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0100.00
Lot Depth: 0100.00
Building Frontage: 0022.00
Building Depth: 0065.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 28,TAXBLOCK 9834 (Continued)

S108983527

Basement Type Grade: 5
Land Assessed Value: 00000315000
Total Assessed Value: 00000391500
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 1919
Year Built Code: Not reported
Year Altered1: 1982
Year Altered2: 1997
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.21
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340028
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043563
Y Coordinate: 0198686
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

**I59
West
< 1/8
0.110 mi.
583 ft.**

**BEHIND 175-61 HILLSIDE AV
BEHIND 175-61 HILLSIDE AV
QUEENS, NY
Site 3 of 8 in cluster I**

**NY Spills S104285001
N/A**

**Relative:
Higher**

SPILLS:

Facility ID: 9911228
Facility Type: ER
DER Facility ID: 120791
Site ID: 141473
DEC Region: 2
Spill Date: 12/23/1999
Spill Number/Closed Date: 9911228 / 2/6/2004
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 12/23/1999
CID: 204
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Local Agency

**Actual:
79 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEHIND 175-61 HILLSIDE AV (Continued)

S104285001

Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 12/23/1999
Spill Record Last Update: 2/6/2004
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: JAMES PRESTON
Contact Phone: (718) 595-1001
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"HANDLED BY NYCDEP.
Remarks: TRUCK DRIVER DROPPED AROUND 5-6 GALLONS IN PARKING LOT

Material:
Site ID: 141473
Operable Unit ID: 1085901
Operable Unit: 01
Material ID: 296691
Material Code: 0008
Material Name: Diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 6
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

I60
West
< 1/8
0.114 mi.
602 ft.

GUY AMERICAN
175-36 HILLSIDE AVE
JAMAICA, NY 11432
Site 4 of 8 in cluster I

UST U000397196
N/A

Relative:
Higher

UST:
Id/Status: 2-272728 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 602423.17639000004
UTM Y: 4507481.4551799996
Site Type: Other

Actual:
80 ft.

Affiliation Records:
Site Id: 11568
Affiliation Type: Facility Owner
Company Name: SPARTAN PETROLEUM
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY AMERICAN (Continued)

U000397196

Contact Name: Not reported
Address1: 1158 BROADWAY
Address2: Not reported
City: HEWLETT
State: NY
Zip Code: 11557
Country Code: 001
Phone: (516) 295-3400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 11568
Affiliation Type: Mail Contact
Company Name: LARRY E TYREE CO,INC
Contact Type: Not reported
Contact Name: GLENN W GRAHAM
Address1: 208 ROUTE 109
Address2: Not reported
City: FARMINGDALE
State: NY
Zip Code: 11735
Country Code: 001
Phone: (516) 249-3150
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 11568
Affiliation Type: On-Site Operator
Company Name: GUY AMERICAN
Contact Type: Not reported
Contact Name: GUY AMERICAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-9035
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 11568
Affiliation Type: Emergency Contact
Company Name: SPARTAN PETROLEUM
Contact Type: Not reported
Contact Name: MR BOBBY BIPRAM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY AMERICAN (Continued)

U000397196

Country Code: 001
Phone: (718) 658-9035
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 8870
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 09/01/1970
Date Tank Closed: 06/01/1990
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 002
Tank ID: 8871
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1971
Date Tank Closed: 06/01/1990
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY AMERICAN (Continued)

U000397196

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None

Tank Number: 003
Tank ID: 8872
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1971
Date Tank Closed: 06/01/1990
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

Tank Number: 004
Tank ID: 8873
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958
Date Tank Closed: 07/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY AMERICAN (Continued)

U000397196

Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 005
Tank ID: 8874
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958
Date Tank Closed: 07/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 006
Tank ID: 8875
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY AMERICAN (Continued)

U000397196

Date Tank Closed: 07/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 8876
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958
Date Tank Closed: 07/01/1991
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:

I00 - Overfill - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 008
Tank ID: 8877

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY AMERICAN (Continued)

U000397196

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958
Date Tank Closed: 07/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 009
Tank ID: 8878
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958
Date Tank Closed: 07/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY AMERICAN (Continued)

U000397196

Tank Number: 010
Tank ID: 8879
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958
Date Tank Closed: 07/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None

Tank Number: 011
Tank ID: 8880
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958
Date Tank Closed: 07/01/1991
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:

I00 - Overfill - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GUY AMERICAN (Continued)

U000397196

D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None

Tank Number: 012
Tank ID: 8881
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958
Date Tank Closed: 07/01/1991
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:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 013
Tank ID: 8882
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1958
Date Tank Closed: 06/01/1990
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:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GUY AMERICAN (Continued)

U000397196

H00 - Tank Leak Detection - None
 A00 - Tank Internal Protection - None
 C00 - Pipe Location - No Piping
 F00 - Pipe External Protection - None
 I00 - Overfill - None
 B00 - Tank External Protection - None

I61
West
< 1/8
0.117 mi.
616 ft.

LOT 20,TAXBLOCK 9834
175-30 HILLSIDE AVENUE
QUEENS, NY 11432

E DESIGNATION

S108983414
N/A

Site 5 of 8 in cluster I

Relative:
Higher

E DESIGNATION:

Actual:
80 ft.

Tax Lot(s):	20
E-No:	E-175
Effective Date:	9/10/2007
Satisfaction Date:	Not reported
Ceqr Number:	05DCP081Q
Ulurp Number:	070314ZMQ
Zoning Map No:	14d
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	QN
Community District:	412
Census Tract:	462
Census Block:	1000
School District:	29
City Council District:	27
Fire Company:	L125
Health Area:	44
Police Precinct:	103
Zone District 1:	R6
Zone District 2:	Not reported
Commercial Overlay1:	C2-2
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	C2-2/R6
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K5
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	JAIDIBELL L.I.EXPWYCO
Lot Area:	000012000
Total Building Floor Area:	00000002350
Commercial Floor Area:	00000002350
Office Floor Area:	00000000000
Retail Floor Area:	00000002350
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code7	
Number of Buildings:	00001
Number of Floors:	001.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 20,TAXBLOCK 9834 (Continued)

S108983414

Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0120.00
Lot Depth: 0100.00
Building Frontage: 0042.75
Building Depth: 0055.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000297000
Total Assessed Value: 00000384750
Land Exempt Value: 00000000000
Total Exempt Value: 00000087750
Year Built: 1992
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.20
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340020
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043420
Y Coordinate: 0198640
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 20
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code: QN
Community District: 412
Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 20,TAXBLOCK 9834 (Continued)

S108983414

Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K5
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: JAIDIBELL L.I.EXPWYCO
Lot Area: 000012000
Total Building Floor Area: 00000002350
Commercial Floor Area: 00000002350
Office Floor Area: 00000000000
Retail Floor Area: 00000002350
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000
Non and Residential Units: 00001
Lot Frontage: 0120.00
Lot Depth: 0100.00
Building Frontage: 0042.75
Building Depth: 0055.00
Proximity Code: 0
Irregular Lot Code: N
Lot Type: 5
Basement Type Grade: 5
Land Assessed Value: 00000297000
Total Assessed Value: 00000384750
Land Exempt Value: 00000000000
Total Exempt Value: 00000087750
Year Built: 1992
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.20
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340020
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043420
Y Coordinate: 0198640
Zoning Map: 14D

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 20,TAXBLOCK 9834 (Continued)

S108983414

Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 20
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: K5
Land Use Category: 05
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: JAIDIBELL L.I.EXPWYCO
Lot Area: 000012000
Total Building Floor Area: 00000002350
Commercial Floor Area: 00000002350
Office Floor Area: 00000000000
Retail Floor Area: 00000002350
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000
Other Floor Area: 00000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00001
Number of Floors: 001.00
Residential Units: 00000

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 20,TAXBLOCK 9834 (Continued)

S108983414

Non and Residential Units: 00001
 Lot Frontage: 0120.00
 Lot Depth: 0100.00
 Building Frontage: 0042.75
 Building Depth: 0055.00
 Proximity Code: 0
 Irregular Lot Code: N
 Lot Type: 5
 Basement Type Grade: 5
 Land Assessed Value: 00000297000
 Total Assessed Value: 00000384750
 Land Exempt Value: 00000000000
 Total Exempt Value: 00000087750
 Year Built: 1992
 Year Built Code: Not reported
 Year Altered1: 0000
 Year Altered2: 0000
 Historic District Name: Not reported
 Landmark Name: Not reported
 Built Floor Area Ratio-Far: 0000.20
 Maximum Allowable Far: 02.43
 Borough Code: 4
 Borough Tax Block And Lot: 4098340020
 Condominium Number: 00000
 Census Tract 2: 0462
 X Coordinate: 1043420
 Y Coordinate: 0198640
 Zoning Map: 14D
 Sanborn Map: 407 016
 Tax Map: 44301
 E Designation No: Not reported
 Date of RPAD Data: 11/2005
 Date of DCAS Data: 01/2006
 Date of Zoning Data: 11/2005
 Date of Major Property Data: 11/2005
 Date of Landmark Data: 12/2005
 Date of Base Map Data: 01/2006
 Date of Mass Appraisal Data: 11/2005
 Date of Political and Adm Data: 08/2005
 Pluto-Base Map Indicator: 1

I62
WSW
< 1/8
0.121 mi.
640 ft.

LOT 10,TAXBLOCK 9834
HILLSIDE AVENUE
QUEENS, NY 11432
Site 6 of 8 in cluster I

E DESIGNATION S108983210
N/A

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 10
 E-No: E-175
Actual:
 Effective Date: 9/10/2007
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP081Q
 Ulurp Number: 070314ZMQ
 Zoning Map No: 14d
 Description: Air Quality - HVAC fuel limited to natural gas
 Borough Code: QN
 Community District: 412

Actual:
79 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 10,TAXBLOCK 9834 (Continued)

S108983210

Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G7
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: VELAN PARTNERS, L.P.
Lot Area: 000005017
Total Building Floor Area: 0000000000
Commercial Floor Area: 0000000000
Office Floor Area: 0000000000
Retail Floor Area: 0000000000
Garage Floor Area: 0000000000
Storage Floor Area: 0000000000
Factory Floor Area: 0000000000
Other Floor Area: 0000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0124.00
Lot Depth: 0057.00
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000090450
Total Assessed Value: 00000090450
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 0000
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.00
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 10,TAXBLOCK 9834 (Continued)

S108983210

Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043174
Y Coordinate: 0198605
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

Tax Lot(s): 10
E-No: E-175
Effective Date: 9/10/2007
Satisfaction Date: Not reported
Ceqr Number: 05DCP081Q
Ulurp Number: 070314ZMQ
Zoning Map No: 14d
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: QN
Community District: 412
Census Tract: 462
Census Block: 1000
School District: 29
City Council District: 27
Fire Company: L125
Health Area: 44
Police Precinct: 103
Zone District 1: R6
Zone District 2: Not reported
Commercial Overlay1: C2-2
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: C2-2/R6
All Components2: Not reported
Split Boundary Indicator: N
Building Class: G7
Land Use Category: 10
Number of Easements: 0
Owner, Type of Code: Not reported
Owner Name: VELAN PARTNERS, L.P.
Lot Area: 000005017
Total Building Floor Area: 00000000000
Commercial Floor Area: 00000000000
Office Floor Area: 00000000000
Retail Floor Area: 00000000000
Garage Floor Area: 00000000000
Storage Floor Area: 00000000000
Factory Floor Area: 00000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 10,TAXBLOCK 9834 (Continued)

S108983210

Other Floor Area: 0000000000
Floor Area,Total Bld Source Code7
Number of Buildings: 00000
Number of Floors: 000.00
Residential Units: 00000
Non and Residential Units: 00000
Lot Frontage: 0124.00
Lot Depth: 0057.00
Building Frontage: 0000.00
Building Depth: 0000.00
Proximity Code: 0
Irregular Lot Code: Y
Lot Type: 3
Basement Type Grade: 5
Land Assessed Value: 00000090450
Total Assessed Value: 00000090450
Land Exempt Value: 00000000000
Total Exempt Value: 00000000000
Year Built: 0000
Year Built Code: Not reported
Year Altered1: 0000
Year Altered2: 0000
Historic District Name: Not reported
Landmark Name: Not reported
Built Floor Area Ratio-Far: 0000.00
Maximum Allowable Far: 02.43
Borough Code: 4
Borough Tax Block And Lot: 4098340010
Condominium Number: 00000
Census Tract 2: 0462
X Coordinate: 1043174
Y Coordinate: 0198605
Zoning Map: 14D
Sanborn Map: 407 016
Tax Map: 44301
E Designation No: Not reported
Date of RPAD Data: 11/2005
Date of DCAS Data: 01/2006
Date of Zoning Data: 11/2005
Date of Major Property Data: 11/2005
Date of Landmark Data: 12/2005
Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

I63
West
1/8-1/4
0.125 mi.
661 ft.

17514 HILLSIDE AVE
JAMAICA, NY 11432
Site 7 of 8 in cluster I

EDR US Hist Cleaners 1015005273
N/A

Relative:
Higher

EDR Historical Cleaners:
Name: DAG I I LAUNDROMAT
Year: 1999

Actual:
81 ft.

Address: 17514 HILLSIDE AVE
Name: DAG I I LAUNDROMAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015005273

Year: 2000
Address: 17514 HILLSIDE AVE

J64
NE
1/8-1/4
0.125 mi.
662 ft.

B.H.M. REALTY CORP
87-24 MIDLAND PKY
JAMAICA, NY 11432
Site 1 of 3 in cluster J

AST U004077308
N/A

Relative:
Lower

AST:

Actual:
66 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-282170
Program Type: PBS
UTM X: 602818.65015
UTM Y: 4507688.9985199999
Expiration Date: 2017/07/14
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 12405
Affiliation Type: Facility Owner
Company Name: B.H.M. REALTY CORP
Contact Type: OFFICE MGR
Contact Name: BRUCE RUBEL
Address1: 175-61 HILLSIDE AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 5/29/2012

Site Id: 12405
Affiliation Type: Mail Contact
Company Name: B.H.M. REALTY CORP
Contact Type: Not reported
Contact Name: BRUCE RUBEL
Address1: 175-61 HILLSIDE AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-2620
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 5/29/2012

Site Id: 12405
Affiliation Type: On-Site Operator
Company Name: B.H.M. REALTY CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B.H.M. REALTY CORP (Continued)

U004077308

Contact Type: Not reported
Contact Name: MARCO MELENDEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 510-8387
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 4/6/2007

Site Id: 12405
Affiliation Type: Emergency Contact
Company Name: B.H.M. REALTY CORP
Contact Type: Not reported
Contact Name: BRUCE RUBEL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 458-2319
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 5/29/2012

Tank Info:

Tank Number: 001
Tank Id: 14773
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
6
Tank Location: Steel/Carbon Steel/Iron
Tank Type: In Service
Tank Status: Not reported
Pipe Model: 12/01/1959
Install Date: 5000
Capacity Gallons: NN
Tightness Test Method: Not reported
Date Test: Not reported
Next Test Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B.H.M. REALTY CORP (Continued)

U004077308

Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: #2 Fuel Oil (On-Site Consumption)

**K65
NNW
1/8-1/4
0.133 mi.
700 ft.**

**THE MARY LOUIS ACADEMY CONVENT
86-44 EDGERTON BOULEVARD
JAMAICA ESTATES, NY 11432**

**UST U003128899
HIST UST N/A**

Site 1 of 2 in cluster K

**Relative:
Higher**

UST:
Id/Status: 2-247987 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2012/11/16
UTM X: 602533.38451999996
UTM Y: 4507704.8133100001
Site Type: School

**Actual:
118 ft.**

Affiliation Records:
Site Id: 9775
Affiliation Type: Facility Owner
Company Name: SISTERS OF SAINT JOSEPH
Contact Type: SISTER
Contact Name: SR ADEA MORGAN
Address1: BRENTWOOD L.I.
Address2: Not reported
City: BRENTWOOD
State: NY
Zip Code: 11717
Country Code: 001
Phone: (718) 297-2156
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 11/9/2007

Site Id: 9775
Affiliation Type: Mail Contact
Company Name: THE MARY LOUIS ACADEMY CONVENT
Contact Type: Not reported
Contact Name: SISTER MARY
Address1: 86-44 EDGERTON BOULEVARD
Address2: Not reported
City: JAMAICA ESTATES
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 297-2156
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9775

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE MARY LOUIS ACADEMY CONVENT (Continued)

U003128899

Affiliation Type: On-Site Operator
Company Name: THE MARY LOUIS ACADEMY CONVENT
Contact Type: Not reported
Contact Name: SISTER MARY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-2156
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 9775
Affiliation Type: Emergency Contact
Company Name: SISTERS OF SAINT JOSEPH
Contact Type: Not reported
Contact Name: SISTER MARY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-2156
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 10676
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 3000
Install Date: 01/01/1930
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 07/02/2012
Next Test Date: 07/02/2017
Pipe Model: Not reported
Modified By: BKFALVEY
Last Modified: 08/07/2012

Equipment Records:

B00 - Tank External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE MARY LOUIS ACADEMY CONVENT (Continued)

U003128899

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None

HIST UST:

PBS Number: 2-247987
SPDES Number: Not reported
Emergency Contact: SISTER ST. JEROME
Emergency Telephone: (718) 297-2156
Operator: SISTERS OF SAINT JOSEPH
Operator Telephone: (718) 297-2156
Owner Name: SISTERS OF SAINT JOSEPH
Owner Address: BRENTOOD LI
Owner City,St,Zip: BRENTOOD, NY 11717
Owner Telephone: (718) 297-2156
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Name: MARY LOUIS ACADAMY
Mailing Address: 176-21 WEXFORD TERR
Mailing Address 2: Not reported
Mailing City,St,Zip: JAMAICA, NY 11432
Mailing Contact: TOM
Mailing Telephone: (718) 297-2156
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 86044 EDGERTON BLVD
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: PRIVATE RESIDENCE
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 10/29/1998
Expiration Date: 11/16/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 3000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE MARY LOUIS ACADEMY CONVENT (Continued)

U003128899

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 3000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: 05/01/1998
Next Test Date: 05/01/2003
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

**J66
NE
1/8-1/4
0.139 mi.
735 ft.**

**MIDLAND GARDENS
87-01 MIDLAND PARKWAY
JAMAICA ESTATES, NY 11432**

**UST U000393924
N/A**

Site 2 of 3 in cluster J

**Relative:
Higher**

UST:
Id/Status: 2-055379 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 602822.15098000003
UTM Y: 4507716.8043099996
Site Type: Apartment Building/Office Building

**Actual:
67 ft.**

Affiliation Records:
Site Id: 830
Affiliation Type: Facility Owner
Company Name: 87-01 MIDLAND PARKWAY REALTY CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 265 SUNRISE HIGHWAY, SUITE 45
Address2: Not reported
City: ROCKVILLE CENTRE
State: NY
Zip Code: 11570
Country Code: 001
Phone: (516) 599-7979
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIDLAND GARDENS (Continued)

U000393924

Date Last Modified: 3/4/2004

Site Id: 830
Affiliation Type: Mail Contact
Company Name: 87-01 MIDLAND PARKWAY REALTY CORP.
Contact Type: Not reported
Contact Name: MICHAEL WAYNE
Address1: 265 SUNRISE HIGHWAY
Address2: SUITE 45
City: ROCKVILLE CENTRE
State: NY
Zip Code: 11570
Country Code: 001
Phone: (516) 599-7979
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 830
Affiliation Type: On-Site Operator
Company Name: MIDLAND GARDENS
Contact Type: Not reported
Contact Name: ALVARRO PENA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 298-5650
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 830
Affiliation Type: Emergency Contact
Company Name: 87-01 MIDLAND PARKWAY REALTY CORP
Contact Type: Not reported
Contact Name: MICHAEL WAYNE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 432-5634
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 1773

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIDLAND GARDENS (Continued)

U000393924

Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 5000
Install Date: 12/01/1963
Date Tank Closed: 05/01/2003
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: 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:

C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

167
WSW
1/8-1/4
0.140 mi.
741 ft.

87-20 APT CORP
87-20 175TH STREET
JAMAICA, NY 11432
Site 8 of 8 in cluster I

UST U001837337
N/A

Relative:
Higher

UST:
Id/Status: 2-369772 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2017/10/06
UTM X: 602390.3180299997
UTM Y: 4507444.2510700002
Site Type: Apartment Building/Office Building

Actual:
80 ft.

Affiliation Records:

Site Id: 18650
Affiliation Type: Facility Owner
Company Name: 87-20 APT. CORP. C/O DELKAP MANAGEMENT
Contact Type: MANAGING AGENT
Contact Name: KENNETH OPPENHEIMER
Address1: 87-12 151ST AVENUE
Address2: Not reported
City: HOWARD BEACH
State: NY
Zip Code: 11414
Country Code: 001
Phone: (718) 848-6488
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

87-20 APT CORP (Continued)

U001837337

Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 8/24/2007

Site Id: 18650
Affiliation Type: Mail Contact
Company Name: 87-20 APT. CORP.
Contact Type: Not reported
Contact Name: KENNETH OPPENHEIMER
Address1: C/O DELKAP MANAGEMENT, INC.
Address2: 82-12 151ST AVENUE
City: HOWARD BEACH
State: NY
Zip Code: 11414
Country Code: 001
Phone: (718) 848-6488
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 18650
Affiliation Type: On-Site Operator
Company Name: 87-20 APT CORP
Contact Type: Not reported
Contact Name: GABRIL JOKHAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 848-6488
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 18650
Affiliation Type: Emergency Contact
Company Name: 87-20 APT. CORP. C/O DELKAP MANAGEMENT
Contact Type: Not reported
Contact Name: DELKAP MANAGEMENT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 848-6488
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

87-20 APT CORP (Continued)

U001837337

Tank Number: 001
Tank ID: 21325
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 5000
Install Date: 12/01/1964
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 11/27/2011
Next Test Date: 11/27/2016
Pipe Model: Not reported
Modified By: BKFALVEY
Last Modified: 12/12/2012

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

K68
NNW
1/8-1/4
0.143 mi.
756 ft.

PASSIONIST MONASTERY
86-45 EDGERTON BLVD
JAMAICA ESTATES, NY 11432

Site 2 of 2 in cluster K

UST **U000402913**
HIST UST **N/A**

Relative:
Higher

UST:
Id/Status: 2-310786 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 602544.63864999998
UTM Y: 4507709.6320900004
Site Type: Private Residence

Actual:
120 ft.

Affiliation Records:

Site Id: 14216
Affiliation Type: Facility Owner
Company Name: PASSIONIST MONASTERY
Contact Type: Not reported
Contact Name: Not reported
Address1: 178TH ST & WEXFORD TERRACE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PASSIONIST MONASTERY (Continued)

U000402913

Country Code: 001
Phone: (718) 739-6502
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 14216
Affiliation Type: Mail Contact
Company Name: PASSIONIST MONASTERY
Contact Type: Not reported
Contact Name: FATHER JACK DOUGLAS
Address1: 86-45 EDGERTON BLVD
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 739-6502
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 14216
Affiliation Type: On-Site Operator
Company Name: PASSIONIST MONASTERY
Contact Type: Not reported
Contact Name: FATHER JACK DOUGLAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 739-6502
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 14216
Affiliation Type: Emergency Contact
Company Name: PASSIONIST MONASTERY
Contact Type: Not reported
Contact Name: FATHER JACK DOUGLAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 739-6502
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PASSIONIST MONASTERY (Continued)

U000402913

Tank Info:

Tank Number: 001
Tank ID: 18373
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 06/01/2002
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 09/13/2000
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None

HIST UST:

PBS Number: 2-310786
SPDES Number: Not reported
Emergency Contact: FR.ROBIN RYAN
Emergency Telephone: (718) 739-1229
Operator: DAVID MONGIWOT
Operator Telephone: (718) 739-1229
Owner Name: PASS MONA/IMMACULATE CONCEPTIN
Owner Address: 178TH ST & WEXFORD TERRACE
Owner City,St,Zip: JAMAICA, NY 11432
Owner Telephone: (718) 739-6502
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: PASS MONA/IMMACULATE CONCEPTIN
Mailing Address: 178TH ST & WEXFORD TERRACE
Mailing Address 2: Not reported
Mailing City,St,Zip: JAMAICA, NY 11432
Mailing Contact: DAVID MONGUILLOT
Mailing Telephone: (718) 739-6502
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 86045 EDGERTON BLVD
SWIS ID: 6301

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PASSIONIST MONASTERY (Continued)

U000402913

Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 10/06/2000
Expiration Date: 10/02/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 6000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 6000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: 09/13/2000
Next Test Date: 09/13/2005
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: 21
Deleted: False
Updated: True
Lat/long: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J69
NE
1/8-1/4
0.144 mi.
761 ft.

SPILL NUMBER 0209332
87-01 MIDLAND PARKWAY
JAMAICA, NY

LTANKS S104782499
N/A

Site 3 of 3 in cluster J

Relative:
Higher

LTANKS:

Actual:
67 ft.

Site ID: 265109
Spill Number/Closed Date: 0008140 / 5/4/2004
Spill Date: 10/11/2000
Spill Cause: Tank Overfill
Spill Source: Commercial Vehicle
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: 4101
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 10/11/2000
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 10/11/2000
Spill Record Last Update: 5/4/2004
Spiller Name: ESTON CLARE
Spiller Company: T&S TRUCKING
Spiller Address: 53 2ND AVE
Spiller City,St,Zip: BROOKLYN, NY 11215-001
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 216016
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"10/20/2003 surface spill//current soil contamination remediation at this site by ptc.05-04-2004 REPORT REVIEWED//NFA LETTER ISSUED

Remarks: OVERFILLED TANK, POSS CAUSED BY FAULTY GUAGE.

Material:

Site ID: 265109
Operable Unit ID: 830559
Operable Unit: 01
Material ID: 545665
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 35
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0209332 (Continued)

S104782499

Tank Test:

Site ID: 265110
Spill Number/Closed Date: 0209332 / 5/4/2004
Spill Date: 12/11/2002
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: CESAWYER
Referred To: Not reported
Reported to Dept: 12/11/2002
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/11/2002
Spill Record Last Update: 5/4/2004
Spiller Name: ALVARO
Spiller Company: 87-01 MIDLAND PARKWAY
Spiller Address: 87-01 MIDLAND PARKWAY
Spiller City,St,Zip: JAMAICA, NY
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 216016
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAWYER"12/31/2002-Vought-Tank test failure letter sent 12/11/2002. Spoke to Micheal Wayne (516-459-9600) who hired PTC to excavate the tank and perform pipe repair and then retest. Site is currently using natural gas. PTC will send closure report.1/7/04-Vought-Spill transferred from Vought to Austin.1/27/04 - Sawyer - Spill transferred from Austin to Sawyer.5/04/04 - Sawyer - Received documentation (See #0008140 file for more info) from PTC that this tank was properly cleaned and abandoned in place. All samples through the bottom of the tank came back negative. Closed.

Remarks: Not reported

Material:

Site ID: 265110
Operable Unit ID: 862482
Operable Unit: 01
Material ID: 516307
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0209332 (Continued)

S104782499

Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 265110
Spill Tank Test: 1527812
Tank Number: 1
Tank Size: 5000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

**70
SE
1/8-1/4
0.146 mi.
772 ft.**

**CON EDISON
9034 179 PL
JAMAICA, NY 11432**

**MANIFEST S116043273
N/A**

**Relative:
Lower**

NY MANIFEST:
EPA ID: NYP004396214
Country: USA
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-3770

**Actual:
58 ft.**

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 21-Nov-2013 00:00:00
Trans1 Recv Date: 21-Nov-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 21-Nov-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004396214
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: Not reported
Quantity: 100
Units: G - Gallons (liquids only)* (8.3 pounds)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S116043273

Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 002298727GBF
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

L71
ENE
1/8-1/4
0.151 mi.
799 ft.

18102 HILLSIDE AVE
JAMAICA, NY 11432

EDR US Hist Auto Stat 1015280193
N/A

Site 1 of 2 in cluster L

Relative:
Lower

EDR Historical Auto Stations:

Actual:
62 ft.

Name: GOODYEAR AUTO SERVICE
Year: 1999
Address: 18102 HILLSIDE AVE

Name: GOODYEAR AUTO SERVICE
Year: 2000
Address: 18102 HILLSIDE AVE

Name: GOODYEAR TIRE & RUBBER CMPN
Year: 2004
Address: 18102 HILLSIDE AVE

Name: GOODYEAR TIRE RUBBER
Year: 2005
Address: 18102 HILLSIDE AVE

Name: GOODYEAR AUTO SERVICE
Year: 2006
Address: 18102 HILLSIDE AVE

Name: JAMAICA TIRE & AUTO SERVICES CNTR
Year: 2011
Address: 18102 HILLSIDE AVE

Name: NICKIS CAR SERVICE INC
Year: 2012
Address: 18102 HILLSIDE AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

M72 175-27 WEXFORD TERRACE
West 175-27 WEXFORD TERRACE
1/8-1/4 QUEENS, NY 11432
0.153 mi.
809 ft. **Site 1 of 5 in cluster M**

AST U003392726
HIST AST N/A

Relative:
Higher

Actual:
93 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-239046
Program Type: PBS
UTM X: 602345.66968000005
UTM Y: 4507545.1153199999
Expiration Date: 2015/05/11
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 8984
Affiliation Type: On-Site Operator
Company Name: 175-27 WEXFORD TERRACE
Contact Type: Not reported
Contact Name: JAMES WALKER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-5379
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 7/30/2007

Site Id: 8984
Affiliation Type: Emergency Contact
Company Name: 175-27 WEXFORD TERRACE, LLC
Contact Type: Not reported
Contact Name: LEONARD WEINTRAUB
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 374-4800
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 7/30/2007

Site Id: 8984
Affiliation Type: Facility Owner
Company Name: 175-27 WEXFORD TERRACE, LLC
Contact Type: MANAGING PARTNER
Contact Name: LEONARD WEINTRAUB
Address1: 315 CENTRAL AVENUE
Address2: Not reported
City: LAWRENCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-27 WEXFORD TERRACE (Continued)

U003392726

State: NY
Zip Code: 11559
Country Code: 001
Phone: (516) 374-4800
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 7/30/2007

Site Id: 8984
Affiliation Type: Mail Contact
Company Name: 175-27 WEXFORD TERRACE, LLC
Contact Type: MANAGING PARTNER
Contact Name: LEONARD WEINTRAUB
Address1: 315 CENTRAL AVENUE
Address2: Not reported
City: LAWRENCE
State: NY
Zip Code: 11559
Country Code: 001
Phone: (516) 374-4800
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 7/30/2007

Tank Info:

Tank Number: 001
Tank Id: 25159
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1940
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: DXLIVING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-27 WEXFORD TERRACE (Continued)

U003392726

Last Modified: 07/30/2007
Material Name: #6 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-239046
SWIS Code: 6301
Operator: JOHN HORVAT
Facility Phone: (718) 596-1166
Facility Addr2: 175027 WEXFORD TERRACE
Facility Type: APARTMENT BUILDING
Emergency: RONALD KRIGSMAN PE
Emergency Tel: (718) 471-4089
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: MORRIS WEINTRAUB ASSOCIATS
Owner Address: 16 COURT STREET SUITE 2209
Owner City,St,Zip: BROOKLYN, NY 11241
Federal ID: Not reported
Owner Tel: (718) 596-1166
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: MORRIS WEINTRAUB ASSOCIATS
Mailing Address: 16 COURT STREET SUITE 2209
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11241
Mailing Telephone: (718) 596-1166
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 09/25/1997
Expiration: 10/23/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 3000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 3000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-27 WEXFORD TERRACE (Continued)

U003392726

Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

N73 DAVID ASSOCIATES 175
NW 175-39 DALNY ROAD
1/8-1/4 JAMAICA, NY 11432
0.153 mi.
810 ft. Site 1 of 2 in cluster N

AST U003389530
HIST AST N/A

Relative:
Higher

Actual:
123 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-197238
Program Type: PBS
UTM X: 602408.87688
UTM Y: 4507697.2089
Expiration Date: 2013/02/25
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 6474
Affiliation Type: On-Site Operator
Company Name: DAVID ASSOCIATES 175
Contact Type: Not reported
Contact Name: HENRY VUKELJ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-0888
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6474
Affiliation Type: Emergency Contact
Company Name: DAVID ASSOCIATES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAVID ASSOCIATES 175 (Continued)

U003389530

Contact Type: Not reported
Contact Name: HENRY VUKELJ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 523-1824
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6474
Affiliation Type: Facility Owner
Company Name: DAVID ASSOCIATES
Contact Type: AGENT
Contact Name: DEBORAH FROMBERG
Address1: 84-75 MAIN STREET
Address2: Not reported
City: BRIARWOOD
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 297-0888
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 1/4/2008

Site Id: 6474
Affiliation Type: Mail Contact
Company Name: DAVID ASSOCIATES
Contact Type: AGENT
Contact Name: DEBORAH FROMBERG
Address1: 84-75 MAIN STREET
Address2: Not reported
City: BRIARWOOD
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 297-0888
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 1/4/2008

Tank Info:

Tank Number: 001
Tank Id: 16860
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAVID ASSOCIATES 175 (Continued)

U003389530

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/2005
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: dxliving
Last Modified: 01/04/2008
Material Name: #6 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-197238
SWIS Code: 6301
Operator: RAMO VUKELJ
Facility Phone: (718) 297-0888
Facility Addr2: 175039 DALNY ROAD
Facility Type: APARTMENT BUILDING
Emergency: RAMO VUKELJ
Emergency Tel: (718) 523-1824
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: DAVID ASSOCIATES
Owner Address: 84-75 MAIN STREET
Owner City,St,Zip: JAMAICA, NY 11435
Federal ID: Not reported
Owner Tel: (718) 297-0888
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: DAVID ASSOCIATES
Mailing Address: 84-75 MAIN STREET
Mailing Address 2: Not reported
Mailing City,St,Zip: JAMAICA, NY 11435
Mailing Telephone: (718) 297-0888
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag: False
Certification Date: 01/16/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAVID ASSOCIATES 175 (Continued)

U003389530

Expiration: 02/25/2003
Renew Flag: False
Renew Date: Not reported
Total Capacity: 3000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 3000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: None
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

74
SSE
1/8-1/4
0.157 mi.
827 ft.

90-70 178TH ST
90-70 178TH ST
JAMAICA, NY

LTANKS S102233211
N/A

Relative:
Lower

LTANKS:
Site ID: 100199
Spill Number/Closed Date: 9508795 / 10/18/1995
Spill Date: 10/18/1995
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False

Actual:
58 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

90-70 178TH ST (Continued)

S102233211

SWIS: 4101
Investigator: LUCE
Referred To: Not reported
Reported to Dept: 10/18/1995
CID: 322
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 10/18/1995
Spill Record Last Update: 11/8/1995
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller City,St,Zip: NN
Spiller County: 999
Spiller Contact: WILLIAM PENSON
Spiller Phone: (718) 297-6071
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 89000
DEC Memo: Not reported
Remarks: OIL STORAGE TANK WAS LEAKING - ONTO CONCRETE FLOOR - WAS CLEANED UP

Material:
Site ID: 100199
Operable Unit ID: 1019362
Operable Unit: 01
Material ID: 359761
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

M75
West
1/8-1/4
0.159 mi.
842 ft.

175-20 WEXFORD TERRACE
175-20 WEXFORD TERRACE
NEW YORK CITY, NY
Site 2 of 5 in cluster M

LTANKS S100145247
N/A

Relative:
Higher

LTANKS:
Site ID: 204082
Spill Number/Closed Date: 8806054 / 10/2/1992
Spill Date: 10/18/1988
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Actual:
92 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-20 WEXFORD TERRACE (Continued)

S100145247

Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 10/2/1992
Cleanup Meets Standard: False
SWIS: 4101
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 10/18/1988
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: 10/31/1988
Spill Record Last Update: 5/12/1994
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller City,St,Zip: NN
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 169710
DEC Memo: Not reported
Remarks: 10K TK FAILED LEAK LOCATOR TEST, L R = -1.106 GPH.

Material:
Site ID: 204082
Operable Unit ID: 922895
Operable Unit: 01
Material ID: 454410
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 204082
Spill Tank Test: 1534773
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

N76 **HIGHLAND TERRACE**
WNW **172-90 HIGHLAND AVE**
1/8-1/4 **JAMAICA ESTATES, NY 11432**
0.160 mi.
845 ft. **Site 2 of 2 in cluster N**

AST **U003386869**
HIST AST **N/A**

Relative:
Higher

AST:

Actual:
123 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-194735
Program Type: PBS
UTM X: 602389.85221000004
UTM Y: 4507661.6391099999
Expiration Date: 2017/07/07
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 6255
Affiliation Type: Mail Contact
Company Name: HIGHLAND TERRACE LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 172-90 HIGHLAND AVE
Address2: Not reported
City: JAMAICA ESTATES
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 739-4262
EMail: HDONNER33@AOL.COM
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 6/26/2012

Site Id: 6255
Affiliation Type: On-Site Operator
Company Name: HIGHLAND TERRACE LLC
Contact Type: Not reported
Contact Name: LILY LELCAJ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 567-0188
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 7/2/2007

Site Id: 6255
Affiliation Type: Emergency Contact
Company Name: HIGHLAND TERRACE LLC
Contact Type: Not reported
Contact Name: LILY LELCAJ
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIGHLAND TERRACE (Continued)

U003386869

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 567-0188
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 7/2/2007

Site Id: 6255
Affiliation Type: Facility Owner
Company Name: HIGHLAND TERRACE LLC
Contact Type: MANAGING MEMBER
Contact Name: HERBERT DONNER
Address1: 172-90 HIGHLAND AVE
Address2: Not reported
City: JAMAICA ESTATES
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 739-4262
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 6/26/2012

Tank Info:

Tank Number: 001
Tank Id: 10827
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/1937
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIGHLAND TERRACE (Continued)

U003386869

Register: True
Modified By: MSBAPTIS
Last Modified: 06/26/2012
Material Name: #2 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-194735
SWIS Code: 6301
Operator: ANTONIO MARTINEZ
Facility Phone: (718) 739-4262
Facility Addr2: 172090 HIGHLAND AVE
Facility Type: APARTMENT BUILDING
Emergency: ANTONIO MARTINEZ
Emergency Tel: (718) 658-8742
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: HIGHLAND TERRACE
Owner Address: 172-90 HIGHLAND AVE
Owner City,St,Zip: JAMAICA ESTATES, NY 11432
Federal ID: Not reported
Owner Tel: (718) 739-4262
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: HIGHLAND TERRACE
Mailing Address: 172-90 HIGHLAND AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: JAMAICA ESTATES, NY 11432
Mailing Telephone: (718) 739-4262
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 07/09/1997
Expiration: 07/07/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 5000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 5000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIGHLAND TERRACE (Continued)

U003386869

Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

M77
West
1/8-1/4
0.160 mi.
847 ft.

175-20 WEXFORD TERRACE OWNERS
175-20 WEXFORD TERRACE
JAMAICA, NY 11432
Site 3 of 5 in cluster M

UST U004076487
N/A

Relative:
Higher

UST:
Id/Status: 2-093084 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2017/05/07
UTM X: 602345.09629999998
UTM Y: 4507531.5619000001
Site Type: Apartment Building/Office Building

Actual:
91 ft.

Affiliation Records:
Site Id: 2439
Affiliation Type: Facility Owner
Company Name: 175-20 WEXFORD TERRACE OWNERS INC
Contact Type: PRESIDENT
Contact Name: CHRISTINE SCANDLA-STONE
Address1: 175-20 WEXFORD TERR
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-3111
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/19/2012

Site Id: 2439
Affiliation Type: Mail Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-20 WEXFORD TERRACE OWNERS (Continued)

U004076487

Company Name: BARTON MGMT , LLC
Contact Type: Not reported
Contact Name: THOMAS BARRESI
Address1: 10 E 39TH ST
Address2: SUITE 906
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 573-9428
EMail: TBARRESI@BARTONMANAGEMENT
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/19/2012

Site Id: 2439
Affiliation Type: On-Site Operator
Company Name: 175-20 WEXFORD TERRACE OWNERS
Contact Type: Not reported
Contact Name: MIKE LAMMENS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-3111
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/19/2012

Site Id: 2439
Affiliation Type: Emergency Contact
Company Name: 175-20 WEXFORD TERRACE OWNERS INC
Contact Type: Not reported
Contact Name: MICHAEL LAMMENS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 938-0748
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/19/2012

Tank Info:

Tank Number: 001
Tank ID: 4282
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 10000
Install Date: 12/01/1969

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-20 WEXFORD TERRACE OWNERS (Continued)

U004076487

Date Tank Closed: 11/17/2005
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: 03/08/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/15/2006

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

M78
West
1/8-1/4
0.160 mi.
847 ft.

175-20 WEXFORD TERRACE OWNERS
175-20 WEXFORD TERRACE
JAMAICA, NY 11432

AST A100291624
N/A

Site 4 of 5 in cluster M

Relative:
Higher

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-093084
Program Type: PBS
UTM X: 602345.0962999998
UTM Y: 4507531.5619000001
Expiration Date: 2017/05/07
Site Type: Apartment Building/Office Building

Actual:
91 ft.

Affiliation Records:

Site Id: 2439
Affiliation Type: Facility Owner
Company Name: 175-20 WEXFORD TERRACE OWNERS INC
Contact Type: PRESIDENT
Contact Name: CHRISTINE SCANDLA-STONE
Address1: 175-20 WEXFORD TERR
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 658-3111
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-20 WEXFORD TERRACE OWNERS (Continued)

A100291624

Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/19/2012

Site Id: 2439
Affiliation Type: Mail Contact
Company Name: BARTON MGMT , LLC
Contact Type: Not reported
Contact Name: THOMAS BARRESI
Address1: 10 E 39TH ST
Address2: SUITE 906
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 573-9428
EMail: TBARRESI@BARTONMANAGEMENT
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/19/2012

Site Id: 2439
Affiliation Type: On-Site Operator
Company Name: 175-20 WEXFORD TERRACE OWNERS
Contact Type: Not reported
Contact Name: MIKE LAMMENS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-3111
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/19/2012

Site Id: 2439
Affiliation Type: Emergency Contact
Company Name: 175-20 WEXFORD TERRACE OWNERS INC
Contact Type: Not reported
Contact Name: MICHAEL LAMMENS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 938-0748
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/19/2012

Tank Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

175-20 WEXFORD TERRACE OWNERS (Continued)

A100291624

Tank Number: 002
Tank Id: 210063
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
G05 - Tank Secondary Containment - Synthetic Liner
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
F05 - Pipe External Protection - Jacketed
I05 - Overfill - Vent Whistle
E04 - Piping Secondary Containment - Double-Walled (Underground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/17/2005
Capacity Gallons: 10000
Tightness Test Method: 21
Date Test: 11/17/2005
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: mxferoze
Last Modified: 02/16/2006
Material Name: #2 Fuel Oil (On-Site Consumption)

M79
West
1/8-1/4
0.168 mi.
885 ft.

WEXFORD ARMS REALTY LLC
175-05 WEXFORD TERRACE
JAMAICA ESTATES, NY 11432

AST **U003386870**
HIST AST **N/A**

Site 5 of 5 in cluster M

Relative:
Higher

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-194743
Program Type: PBS
UTM X: 602328.87850999999
UTM Y: 4507537.44476999999
Expiration Date: 2017/07/07
Site Type: Apartment Building/Office Building

Actual:
88 ft.

Affiliation Records:
Site Id: 6256
Affiliation Type: Mail Contact
Company Name: WEXFORD ARMS REALTY LLC
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEXFORD ARMS REALTY LLC (Continued)

U003386870

Contact Name: Not reported
Address1: 172-90 HIGHLAND AVE
Address2: Not reported
City: JAMAICA ESTATES
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 739-4262
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6256
Affiliation Type: On-Site Operator
Company Name: WEXFORD ARMS REALTY LLC
Contact Type: Not reported
Contact Name: YOSIS MOTA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 657-7071
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6256
Affiliation Type: Emergency Contact
Company Name: WEXFORD ARMS REALTY LLC
Contact Type: Not reported
Contact Name: YOSIS MOTA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 657-7071
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 6256
Affiliation Type: Facility Owner
Company Name: WEXFORD ARMS REALTY LLC
Contact Type: MEMBER
Contact Name: HERBERT DONNER
Address1: 172-90 HIGHLAND AVE
Address2: Not reported
City: JAMAICA ESTATES
State: NY
Zip Code: 11432

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEXFORD ARMS REALTY LLC (Continued)

U003386870

Country Code: 001
Phone: (718) 739-4262
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 7/2/2007

Tank Info:

Tank Number: 001
Tank Id: 10828
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 09/01/1939
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: 07/02/2007
Material Name: #6 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-194743
SWIS Code: 6301
Operator: MANUEL DIAZ
Facility Phone: (718) 657-7071
Facility Addr2: 175005 WEXFORD TERRACE
Facility Type: APARTMENT BUILDING
Emergency: MANUEL DIAZ
Emergency Tel: (718) 657-7071
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: WEXFORD ARMS REALTY LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEXFORD ARMS REALTY LLC (Continued)

U003386870

Owner Address: 172-90 HIGHLAND AVE
Owner City,St,Zip: JAMAICA ESTATES, NY 11432
Federal ID: Not reported
Owner Tel: (718) 739-4262
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: WEXFORD ARMS REALTY LLC
Mailing Address: 172-90 HIGHLAND AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: JAMAICA ESTATES, NY 11432
Mailing Telephone: (718) 739-4262
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 07/09/1997
Expiration: 07/07/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 3000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 3000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEXFORD ARMS REALTY LLC (Continued)

U003386870

SPDES Number: Not reported
Lat/Long: Not reported

O80
NE
1/8-1/4
0.171 mi.
902 ft.

WEXFORD APARTMENTS, LLC.
86-75 MIDLAND PARKWAY
JAMAICA, NY 11432

UST U004077298
N/A

Site 1 of 3 in cluster O

Relative:
Higher

UST:

Actual:
69 ft.

Id/Status: 2-308994 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2017/07/20
UTM X: 602795.80932999996
UTM Y: 4507794.82577
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 14066
Affiliation Type: Mail Contact
Company Name: WEXFORD APTS. LLC
Contact Type: Not reported
Contact Name: MR. PETER J. LEPORE
Address1: % APT. MNGT. ASSOC.
Address2: 2611 WEST 2ND STREET
City: BROOKLYN
State: NY
Zip Code: 11223
Country Code: 001
Phone: (718) 743-4400
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 4/30/2007

Site Id: 14066
Affiliation Type: Facility Owner
Company Name: WEXFORD APARTMENTS LLC
Contact Type: DIRECTOR OF OPERATIONS
Contact Name: PETER J. LEPORE
Address1: 2611 WEST 2ND ST.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11223
Country Code: 001
Phone: (718) 743-4400
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 8/8/2012

Site Id: 14066
Affiliation Type: On-Site Operator
Company Name: WEXFORD APARTMENTS, LLC.
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEXFORD APARTMENTS, LLC. (Continued)

U004077298

Contact Name: MARIO CRUZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-6230
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 8/8/2012

Site Id: 14066
Affiliation Type: Emergency Contact
Company Name: WEXFORD APARTMENTS LLC
Contact Type: Not reported
Contact Name: PETER J. LEPORE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 743-4400
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 8/8/2012

Tank Info:

Tank Number: 001
Tank ID: 17763
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 12000
Install Date: 12/01/1951
Date Tank Closed: 12/01/2006
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/20/2007

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEXFORD APARTMENTS, LLC. (Continued)

U004077298

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H99 - Tank Leak Detection - Other
G07 - Tank Secondary Containment - Excavation Liner

**O81
NE
1/8-1/4
0.171 mi.
902 ft.**

**WEXFORD APARTMENTS, LLC.
86-75 MIDLAND PARKWAY
JAMAICA, NY 11432**

**AST S108131476
N/A**

Site 2 of 3 in cluster O

**Relative:
Higher**

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-308994
Program Type: PBS
UTM X: 602795.80932999996
UTM Y: 4507794.82577
Expiration Date: 2017/07/20
Site Type: Apartment Building/Office Building

**Actual:
69 ft.**

Affiliation Records:

Site Id: 14066
Affiliation Type: Mail Contact
Company Name: WEXFORD APTS. LLC
Contact Type: Not reported
Contact Name: MR. PETER J. LEPORE
Address1: % APT. MNGT. ASSOC.
Address2: 2611 WEST 2ND STREET
City: BROOKLYN
State: NY
Zip Code: 11223
Country Code: 001
Phone: (718) 743-4400
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 4/30/2007

Site Id: 14066
Affiliation Type: Facility Owner
Company Name: WEXFORD APARTMENTS LLC
Contact Type: DIRECTOR OF OPERATIONS
Contact Name: PETER J. LEPORE
Address1: 2611 WEST 2ND ST.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11223
Country Code: 001
Phone: (718) 743-4400
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 8/8/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEXFORD APARTMENTS, LLC. (Continued)

S108131476

Site Id: 14066
Affiliation Type: On-Site Operator
Company Name: WEXFORD APARTMENTS, LLC.
Contact Type: Not reported
Contact Name: MARIO CRUZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-6230
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 8/8/2012

Site Id: 14066
Affiliation Type: Emergency Contact
Company Name: WEXFORD APARTMENTS LLC
Contact Type: Not reported
Contact Name: PETER J. LEPORE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 743-4400
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 8/8/2012

Tank Info:

Tank Number: 002
Tank Id: 215943
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEXFORD APARTMENTS, LLC. (Continued)

S108131476

Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/2006
Capacity Gallons: 4450
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: 02/20/2007
Material Name: #6 Fuel Oil (On-Site Consumption)

O82
NE
1/8-1/4
0.171 mi.
902 ft.

86-75 MIDLAND PKWY
86-75 MIDLAND PARKWAY
JAMAICA, NY 11432

LTANKS **U003127908**
N/A

Site 3 of 3 in cluster O

Relative:
Higher

LTANKS:

Actual:
69 ft.

Site ID: 368228
Spill Number/Closed Date: 0650747 / 2/9/2007
Spill Date: 8/2/2006
Spill Cause: Tank Failure
Spill Source: Non Major Facility > 1,100 gal
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: 4101
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 8/2/2006
CID: Not reported
Water Affected: Not reported
Spill Notifier: Citizen
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 8/3/2006
Spill Record Last Update: 2/9/2007
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spiller County: Not reported
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 14047
DEC Memo: 08/03/06 Rahman- Sharif stopped by the site this morning. The UST, in front of the building is currently being closed in place. Contaminated soil removed from top of the manway, was stockpiled and looked oily with black stain on it. It smelled like petroleum. A csl was sent to APARTMENT MGT ASSOCIATE 600 Avenue Z Brooklyn, NY 11223 Attn: Peter J.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

86-75 MIDLAND PKWY (Continued)

U003127908

Remarks: Lepore08/22/06 Rahman- Inspected the excavated site on 08/18/06. Eastmond has been retained to dig out the contaminated soil. Tank is buried IFO the apt. building. Tank passed the test but return line failed. They have excavated the area near return line in front of the building. There are still some contamination under the walk way between the tank and building. PID reading was 15.00 ppm to 55.00 ppm. Eastmond fears undermining the structure while excavating close to the building. I suggested Eastmond, Issac Mungra, to get the direction from a Professional Engineer regarding the safe removal of contaminated soil. 08/31/06 Rahman- Temporarily assigned case manager for this site is Ryan Piper. 11/21/06 Rahman- Sharif visited the site yesterday to take look at the excavation of contaminated soil. Issac Mungra of Eastmond was present to explain the extent of excavation and infeasibility of further excavation due to structural constraint. Sharif required following things to be executed as per DEC guidelines: 1- Removal of contaminated soil immediately as they are excavated to minimize odor complain 2- Health and safety plan prepared by a P.E and it's strict implementation at the site 3- Personnel with OSHA 40 hours certification should be deployed at the site 4- End point sampling before backfilling the site. 02/09/07 Rahman- Approx. 87 tons of contaminated soil were removed from the tank area. All four end point samples came back clean. New tank is being installed, old tank is out of service. New tank registration is required. I told Issac Mungra of Eastmond about this requirement. Spill can be closed. Citizen was walking past the site with her child. She said there was a heavy smell and it did not look right. Citizen called DEP and referred to DEC Region 2 office directly.

Material:

Tank Test:

L83
ENE
1/8-1/4
0.171 mi.
905 ft.

18134 HILLSIDE AVE
JAMAICA, NY 11432
Site 2 of 2 in cluster L

EDR US Hist Auto Stat 1015280588
N/A

Relative:
Lower

EDR Historical Auto Stations:

Name: MISTIC MOTORS CORP
Year: 2005
Address: 18134 HILLSIDE AVE

Actual:
61 ft.

Name: MISTIC MOTORS CORP
Year: 2006
Address: 18134 HILLSIDE AVE

Name: MISTIC MOTORS CORP
Year: 2007
Address: 18134 HILLSIDE AVE

Name: MISTIC MOTORS CORP
Year: 2008
Address: 18134 HILLSIDE AVE

Name: MISTIC MOTORS CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

1015280588

Year: 2009
Address: 18134 HILLSIDE AVE

84
South
1/8-1/4
0.180 mi.
952 ft.

9053 176TH STREET
9053 176TH STREET
JAMAICA, NY

LTANKS S102671976
N/A

Relative:
Lower

LTANKS:

Actual:
58 ft.

Site ID: 276868
Spill Number/Closed Date: 9208993 / 11/4/1992
Spill Date: 11/4/1992
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: 11/4/1992
Cleanup Meets Standard: True
SWIS: 4101
Investigator: SULLIVAN
Referred To: Not reported
Reported to Dept: 11/4/1992
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: 11/5/1992
Spill Record Last Update: 11/18/1992
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 225086
DEC Memo: Not reported
Remarks: OIL BACKED OUT OF FILLPIPE TO CONCRETE SIDEWALK-APPLIED DRIZOLL-SVCM TO P/U AND DISPOSE

Material:

Site ID: 276868
Operable Unit ID: 975756
Operable Unit: 01
Material ID: 406061
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 3
Units: Gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

9053 176TH STREET (Continued)

S102671976

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

P85
SSW
1/8-1/4
0.186 mi.
980 ft.

9108 175TH ST
JAMAICA, NY 11432
Site 1 of 2 in cluster P

EDR US Hist Auto Stat 1015671974
N/A

Relative:
Lower

EDR Historical Auto Stations:
Name: NY MOTORS
Year: 2011
Address: 9108 175TH ST

Actual:
59 ft.

86
WNW
1/8-1/4
0.191 mi.
1010 ft.

CORONET HALL
172-70 HIGHLAND AVENUE
JAMAICA, NY 11432

UST U001831809
HIST UST N/A

Relative:
Higher

UST:
Id/Status: 2-070009 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2012/01/14
UTM X: 602326.00347999996
UTM Y: 4507647.8787799999
Site Type: Apartment Building/Office Building

Actual:
126 ft.

Affiliation Records:
Site Id: 1522
Affiliation Type: Facility Owner
Company Name: CORONET HALL OWNERS CORP.
Contact Type: PROPERTY MANAGER
Contact Name: BRIAN MORAN / AS AGENT
Address1: 172-70 HIGHLAND AVE
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 657-2952
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 11/3/2006

Site Id: 1522
Affiliation Type: Mail Contact
Company Name: ARCO-WENTWORTH
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORONET HALL (Continued)

U001831809

Contact Name: STEVEN HYATT
Address1: 3646 NOSTRAND AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11229
Country Code: 001
Phone: (718) 332-0194
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 11/3/2006

Site Id: 1522
Affiliation Type: On-Site Operator
Company Name: CORONET HALL
Contact Type: Not reported
Contact Name: ANULFO COLINDREZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 657-2952
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 11/3/2006

Site Id: 1522
Affiliation Type: Emergency Contact
Company Name: CORONET HALL OWNERS CORP.
Contact Type: Not reported
Contact Name: BENNET COHEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 332-0777
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 11/3/2006

Tank Info:

Tank Number: 001
Tank ID: 2597
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 09/29/1958
Date Tank Closed: Not reported
Registered: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORONET HALL (Continued)

U001831809

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: DXLIVING
Last Modified: 11/03/2006

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G07 - Tank Secondary Containment - Excavation Liner
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None

HIST UST:

PBS Number: 2-070009
SPDES Number: Not reported
Emergency Contact: MARVIN GOLD
Emergency Telephone: (718) 332-0777
Operator: TONY ROSSMANN
Operator Telephone: (718) 657-2952
Owner Name: CORONET HALL INC
Owner Address: 2940 AVENUE X
Owner City,St,Zip: BROOKLYN, NY 11235
Owner Telephone: (718) 743-8030
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: MARVIN GOLD MGMT. CO.
Mailing Address: 2940 AVENUE X
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11235
Mailing Contact: THOMAS HAGAN
Mailing Telephone: (718) 743-8030
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 172070 HIGHLAND AVENUE
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: APARTMENT BUILDING
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 11/04/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORONET HALL (Continued)

U001831809

Expiration Date: 01/14/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 10000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 10000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Vault (w/o access)
Leak Detection: Other
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

87
SW
1/8-1/4
0.193 mi.
1019 ft.

JAMAICA WOODS ASSOC
173-17 89TH AVENUE
JAMAICA, NY 11432

LTANKS U003127571
UST N/A
HIST UST
NY Spills

Relative:
Lower

LTANKS:
Site ID: 419880
Spill Number/Closed Date: 0907362 / 12/16/2009
Spill Date: 9/24/2009
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101

Actual:
64 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA WOODS ASSOC (Continued)

U003127571

Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 9/30/2009
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: 9/30/2009
Spill Record Last Update: 12/16/2009
Spiller Name: Not reported
Spiller Company: SOPHIA VALIOTIS
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: SOPHIA VALIOTIS
Spiller Phone: (917) 992-5471
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 3457
DEC Memo: 09/30/09-Vought-Duty desk officer. Called ATS Environmental (John Lundquist (800)440-8265 fax:888-303-5323) and tank is not being pumped, possible vent pipe problem and tank will be retested. Isolate and retest recommended to owner by EPS. Vent pipe "wobbly" and as such dry leak (tank not required to be emptied immediately). Spill assigned to DEC Krimgold as site is PBS site. As per PBS #2-111333 site has one 5000-gallon #2 fuel oil AST "in contact with soil." Tank test failure letter sent to owner with cc to Lundquist as per PBS registration #2-111333:Mr. Angelo ZoumasAlma Realty Corp.31-10 37th AvenueSuite 500Long Island City, NY 11101Ph: (718)267-0300Fax: (718)267-032910/08/09-Vought-Sent out TTF to above address and assigned spill to DEC Krimgold as TTF for PBS site with cc to Lundquist.11/17/09. Alma Realty requested 3 weeks extension to complete the spill closure report. JK.12/16/09. J.Krimgold reviewed the letter report submitted by Riteway Corp. dated December 11th, 2009. According to the information provided the tank system failed the test due to a failure in the vent line. The owner decided to close the tank in place with the foam. A site assessment performed before tank closure shows contaminants level marginally exceed TAGM levels in some samples. Case closed. JK.

Remarks: Not reported

Material:
Site ID: 419880
Operable Unit ID: 1175879
Operable Unit: 01
Material ID: 2168519
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA WOODS ASSOC (Continued)

U003127571

Oxygenate: False

Tank Test:

UST:

Id/Status: 2-111333 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 602368.19981999998
UTM Y: 4507296.0554900002
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 3460
Affiliation Type: Mail Contact
Company Name: ALMA REALTY CO.
Contact Type: Not reported
Contact Name: ANGELO ZOUMAS
Address1: 31-10 37TH AVENUE
Address2: SUITE 500
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 267-0300
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/19/2009

Site Id: 3460
Affiliation Type: Facility Owner
Company Name: JAMAICA WOODS ASSOC. C/O ALMA REALTY
Contact Type: MGR AGENT
Contact Name: NICK CONWAY
Address1: 28-18 31ST STREET, SUITE 201
Address2: Not reported
City: ASTORIA
State: NY
Zip Code: 11102
Country Code: 001
Phone: (718) 267-0300
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 1/26/2007

Site Id: 3460
Affiliation Type: On-Site Operator
Company Name: JAMAICA WOODS ASSOC
Contact Type: Not reported
Contact Name: FAUSTO JIMENEZ - SUPT
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA WOODS ASSOC (Continued)

U003127571

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 262-9451
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 3460
Affiliation Type: Emergency Contact
Company Name: JAMAICA WOODS ASSOC. C/O ALMA REALTY
Contact Type: Not reported
Contact Name: FERNANDO ALFONSO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 267-0300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 4919
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 12/04/1963
Date Tank Closed: 11/04/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/23/2009

Equipment Records:

I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
D00 - Pipe Type - No Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA WOODS ASSOC (Continued)

U003127571

H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
G99 - Tank Secondary Containment - Other

HIST UST:

PBS Number: 2-111333
SPDES Number: Not reported
Emergency Contact: FERNANDO ALFONSO
Emergency Telephone: (718) 267-0300
Operator: FAUSTO JIMENEZ - SUPT
Operator Telephone: (718) 262-9451
Owner Name: JAMAICA WOODS ASSOC. C/O ALMA REALTY
Owner Address: 28-18 31ST STREET, SUITE 201
Owner City,St,Zip: ASTORIA, NY 11102
Owner Telephone: (718) 267-0300
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Name: JAMAICA WOODS ASSOC
Mailing Address: 28-18 31ST STREET
Mailing Address 2: SUITE 201
Mailing City,St,Zip: ASTORIA, NY 11102
Mailing Contact: FERNANDO ALFONSO
Mailing Telephone: (718) 267-0300
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: 173017 89TH AVE
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: APARTMENT BUILDING
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 12/21/1998
Expiration Date: 05/07/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 5000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 5000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA WOODS ASSOC (Continued)

U003127571

Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Other
Leak Detection: Other
Overfill Prot: Not reported
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
Lat/long: Not reported

SPILLS:

Facility ID: 9207573
Facility Type: ER
DER Facility ID: 172627
Site ID: 208058
DEC Region: 2
Spill Date: 9/30/1992
Spill Number/Closed Date: 9207573 / 9/30/1992
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: WILSON
Referred To: Not reported
Reported to Dept: 9/30/1992
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: 9/30/1992
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 10/2/1992
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: SPILL ON SOIL & CONCRETE FROM VENT CASTLE IS SENDING CREW FOR CLEANUP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA WOODS ASSOC (Continued)

U003127571

OIL GAUGE DEFECTIVE

Material:

Site ID: 208058
Operable Unit ID: 971224
Operable Unit: 01
Material ID: 408202
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9209948
Facility Type: ER
DER Facility ID: 227527
Site ID: 280224
DEC Region: 2
Spill Date: 11/25/1992
Spill Number/Closed Date: 9209948 / 11/25/1992
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: CAMMISA
Referred To: Not reported
Reported to Dept: 11/25/1992
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Responsible Party
Cleanup Ceased: 11/25/1992
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 11/30/1992
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: GAUGE IS NOT WORKING PROPERLY-ON SIDEWALK,DRIVER CONTAINED W/SD-CASTLE TO CLEANUP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA WOODS ASSOC (Continued)

U003127571

Material:

Site ID: 280224
Operable Unit ID: 976433
Operable Unit: 01
Material ID: 406973
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9211444
Facility Type: ER
DER Facility ID: 275468
Site ID: 219706
DEC Region: 2
Spill Date: 1/5/1993
Spill Number/Closed Date: 9211444 / 1/5/1993
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)

SWIS: 4101
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1/5/1993
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: 1/5/1993
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1/7/1993
Spill Record Last Update: 4/26/1993
Spiller Name: Not reported
Spiller Company: ALMA REALTY
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: GAUGE MALFUNCTIONS SPILL TEAM TO CLEAN SPILL. NO CALL BACK

Material:

Site ID: 219706
Operable Unit ID: 975739

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA WOODS ASSOC (Continued)

U003127571

Operable Unit: 01
Material ID: 404847
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

P88
SSW
1/8-1/4
0.199 mi.
1050 ft.

HIGHLAND CARE CENTER
91-31 175TH ST
JAMAICA, NY 11432
Site 2 of 2 in cluster P

LTANKS **U001836248**
UST **N/A**

Relative:
Lower

LTANKS:

Actual:
59 ft.

Site ID: 306046
Spill Number/Closed Date: 9312301 / 1/20/1994
Spill Date: 2/10/1994
Spill Cause: Tank Overfill
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: 1/20/1994
Cleanup Meets Standard: True
SWIS: 4101
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1/20/1994
CID: Not reported
Water Affected: Not reported
Spill Notifier: Fire Department
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/20/1994
Spill Record Last Update: 1/20/1994
Spiller Name: Not reported
Spiller Company: SUMMIT OIL CO.
Spiller Address: P.O. 204
Spiller City,St,Zip: TEANECK, NJ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 247200
DEC Memo: Not reported
Remarks: OVERFILL NYC DEP NOTIFIED FD ON SCENE, DIKING & SPREADING SAND NO FURTHER ACTIONS. MARIVIN SUMMIT, CALLED 2CO'S TO COME AL EASTMOND &

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIGHLAND CARE CENTER (Continued)

U001836248

PETROLEUM TANK CLEANERS 15K BUSTED UNDER BLDG, SITUATION CHANGED B

Material:

Site ID: 306046
Operable Unit ID: 990932
Operable Unit: 01
Material ID: 391288
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 150
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

UST:

Id/Status: 2-317802 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2017/07/20
UTM X: 602545.85072999995
UTM Y: 4507145.17796
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 14630
Affiliation Type: Facility Owner
Company Name: CHAIM KAMINETZKY
Contact Type: DIRECTOR OF FACILITIES AND ENV SERVICES
Contact Name: GARY MIGLIACCIO
Address1: 91-31 175 STREET
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 657-6363
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 8/1/2012

Site Id: 14630
Affiliation Type: Mail Contact
Company Name: HIGHLAND CARE CENTER
Contact Type: Not reported
Contact Name: SUPER/ FACILITY MANAGER
Address1: 91-31 175 STREET
Address2: Not reported
City: JAMAICA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIGHLAND CARE CENTER (Continued)

U001836248

State: NY
Zip Code: 11432
Country Code: 001
Phone: (718) 657-6363 161
EMail: GMIGLIACCIO@HIGHLANDREHABANDNURSING.COM
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 8/1/2012

Site Id: 14630
Affiliation Type: On-Site Operator
Company Name: HIGHLAND CARE CENTER
Contact Type: Not reported
Contact Name: CHAIM KAMINETZKY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 657-6363
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 14630
Affiliation Type: Emergency Contact
Company Name: CHAIM KAMINETZKY
Contact Type: Not reported
Contact Name: JOHN RYAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 657-6363
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 4/9/2007

Tank Info:

Tank Number: 001
Tank ID: 17853
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 15000
Install Date: 12/01/1973
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)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIGHLAND CARE CENTER (Continued)

U001836248

Tightness Test Method: 21
Date Test: 08/26/2009
Next Test Date: 08/26/2014
Pipe Model: Not reported
Modified By: BKFALVEY
Last Modified: 10/14/2009

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None

Q89
West
1/8-1/4
0.207 mi.
1091 ft.

PARK SANFORD
87-70 173RD STREET
JAMAICA, NY 11432
Site 1 of 4 in cluster Q

AST U003389617
N/A

Relative:
Higher

AST:

Actual:
75 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-204528
Program Type: PBS
UTM X: 602290.09513000003
UTM Y: 4507409.1157799996
Expiration Date: 2013/11/15
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 7112
Affiliation Type: On-Site Operator
Company Name: PARK SANFORD
Contact Type: Not reported
Contact Name: MIGUEL TEJADO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-6619
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 8/8/2008

Site Id: 7112
Affiliation Type: Facility Owner
Company Name: PARK SANFORD OWNERS CORP.
Contact Type: MGR
Contact Name: DAN MEITTINIS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARK SANFORD (Continued)

U003389617

Address1: 251-38 71ST ROAD
Address2: Not reported
City: BELLEROSE
State: NY
Zip Code: 11426
Country Code: 001
Phone: (718) 347-0018
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 8/8/2008

Site Id: 7112
Affiliation Type: Mail Contact
Company Name: CONCERNED MANAGEMENT CORP.
Contact Type: Not reported
Contact Name: DAN MEITTINIS
Address1: 251-38 71ST ROAD
Address2: Not reported
City: BELLEROSE
State: NY
Zip Code: 11426
Country Code: 001
Phone: (718) 347-0018
EMail: KARENATCMC@GMAIL.COM
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 11/17/2011

Site Id: 7112
Affiliation Type: Emergency Contact
Company Name: PARK SANFORD OWNERS CORP.
Contact Type: Not reported
Contact Name: DAN MEITTINIS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 347-0018
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 100
Tank Id: 17016
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARK SANFORD (Continued)

U003389617

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/01/1993
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: msbaptis
Last Modified: 08/08/2008
Material Name: #2 Fuel Oil (On-Site Consumption)

R90
East
1/8-1/4
0.211 mi.
1113 ft.

88-30 182ND STREET
88-30 182ND STREET
JAMAICA, NY 11423
Site 1 of 2 in cluster R

AST **U003383364**
HIST AST **N/A**

Relative:
Lower

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-044083
Program Type: PBS
UTM X: 603007.10095999995
UTM Y: 4507606.1204399997
Expiration Date: 2016/12/02
Site Type: Apartment Building/Office Building

Actual:
56 ft.

Affiliation Records:
Site Id: 449
Affiliation Type: Facility Owner
Company Name: 88-30 182ND REALTY CORP C/O JUST MGMT CORP
Contact Type: MANAGING AGENT
Contact Name: MARK NOVIN
Address1: 103-26 68TH ROAD
Address2: Not reported
City: FOREST HILLS
State: NY
Zip Code: 11375
Country Code: 001
Phone: (718) 275-7400 110
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 10/27/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-30 182ND STREET (Continued)

U003383364

Site Id: 449
Affiliation Type: Mail Contact
Company Name: 88-30 182ND REALTY CORP
Contact Type: Not reported
Contact Name: MARK NOVIN
Address1: C/O JUST MANAGEMENT CORP
Address2: 103-26 68TH ROAD
City: FOREST HILLS
State: NY
Zip Code: 11375
Country Code: 001
Phone: (718) 275-7400 110
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 10/27/2006

Site Id: 449
Affiliation Type: On-Site Operator
Company Name: 88-30 182ND ST. REALTY CORP
Contact Type: Not reported
Contact Name: EFREN LOSADA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 657-8153
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 10/27/2006

Site Id: 449
Affiliation Type: Emergency Contact
Company Name: 88-30 182ND REALTY CORP C/O JUST MGMT CORP
Contact Type: Not reported
Contact Name: EFREN LOSADA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 657-8153
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 10/27/2006

Tank Info:

Tank Number: 001
Tank Id: 1216
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-30 182ND STREET (Continued)

U003383364

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
F06 - Pipe External Protection - Wrapped
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1954
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 12/06/2011
Material Name: #6 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-044083
SWIS Code: 6301
Operator: JUST MANAGEMENT
Facility Phone: (718) 275-7400
Facility Addr2: 88030 182ND STREET
Facility Type: APARTMENT BUILDING
Emergency: ZAMO KANDIC
Emergency Tel: (718) 291-8690
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: 88-30 182ND REALTY CORP
Owner Address: 104-70 QUEENS BLVD
Owner City,St,Zip: FOREST HILLS, NY 11375
Federal ID: Not reported
Owner Tel: (718) 275-7400
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: MARK NOVIN
Mailing Name: 88-30 182ND REALTY CORP
Mailing Address: C/O JUST MANAGEMENT CORP
Mailing Address 2: 103-26 68TH ROAD
Mailing City,St,Zip: FOREST HILLS, NY 11375
Mailing Telephone: (718) 275-7400
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-30 182ND STREET (Continued)

U003383364

Certification Flag: False
Certification Date: 09/21/2001
Expiration: 12/02/2006
Renew Flag: False
Renew Date: Not reported
Total Capacity: 4800
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 4800
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 00
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 06
Tank Containment: None
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

91
ENE
1/8-1/4
0.214 mi.
1128 ft.

MTA NYCT - PUMP ROOM #2137
182ND ST & HILLSIDE AVE
JAMAICA, NY 11423

RCRA NonGen / NLR 1010328505
MANIFEST NYR000143511

Relative:
Lower

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: MTA NYCT - PUMP ROOM #2137
Facility address: 182ND ST & HILLSIDE AVE
JAMAICA, NY 11423
EPA ID: NYR000143511
Mailing address: BROADWAY 5TH FLOOR
NEW YORK, NY 10004

Actual:
63 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTA NYCT - PUMP ROOM #2137 (Continued)

1010328505

Contact: LUMINITA MARINESCU
Contact address: BROADWAY 5TH FLOOR
NEW YORK, NY 10004
Contact country: US
Contact telephone: (646) 252-3506
Contact email: LUMINITA.MARINESCU@NYCT.COM
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MTA NYCT
Owner/operator address: BROADWAY 5TH FLOOR
NEW YORK, NY 10004
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 04/01/1968
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 03/01/1968
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
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: 10/30/2006
Facility name: MTA NYCT - PUMP ROOM #2137
Classification: Small Quantity Generator

Date form received by agency: 10/29/2006
Facility name: MTA NYCT - PUMP ROOM #2137
Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTA NYCT - PUMP ROOM #2137 (Continued)

1010328505

Violation Status: No violations found

NY MANIFEST:

EPA ID: NYR000143511
Country: USA
Mailing Name: MTA NYCT - PUMP ROOM #2137
Mailing Contact: MTA NYCT - PUMP ROOM #2137
Mailing Address: 2 BROADWAY ROOM A27.64
Mailing Address 2: CONT# E-40801
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 646-252-5777

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD046765574
Trans2 State ID: Not reported
Generator Ship Date: 2007-11-03
Trans1 Recv Date: 2007-11-03
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2007-11-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000143511
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: Not reported
Quantity: 150.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2007
Manifest Tracking Num: 000069724WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NYD046765574
Trans2 State ID: Not reported
Generator Ship Date: 11/3/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTA NYCT - PUMP ROOM #2137 (Continued)

1010328505

Trans1 Recv Date: 11/3/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/5/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000143511
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: NJD991291105
Waste Code: Not reported
Quantity: 150
Units: P - Pounds
Number of Containers: 3
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2007
Manifest Tracking Num: 000069724WAS
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

Q92
West
1/8-1/4
0.215 mi.
1133 ft.

WEE CARE CLEANERS
172-29 HILLSIDE AVE
JAMAICA, NY 11432
Site 2 of 4 in cluster Q

RCRA-CESQG **1004756601**
FINDS **NYD981075351**
US AIRS

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 01/01/2007
Facility name: WEE CARE CLEANERS
Facility address: 172-29 HILLSIDE AVE
JAMAICA, NY 11432
EPA ID: NYD981075351
Mailing address: HILLSIDE AVE
JAMAICA, NY 11432
Contact: HYONG KIM
Contact address: HILLSIDE AVE
JAMAICA, NY 11432
Contact country: US
Contact telephone: (718) 657-5438
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

Actual:
83 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEE CARE CLEANERS (Continued)

1004756601

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: HYONG S KIM
Owner/operator address: 172-29 HILLSIDE AVE
JAMAICA, NY 11432
Owner/operator country: US
Owner/operator telephone: (718) 657-5438
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HYONG S KIM
Owner/operator address: 172-29 HILLSIDE AVE
JAMAICA, NY 11432
Owner/operator country: US
Owner/operator telephone: (718) 657-5438
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
Facility name: WEE CARE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/03/1994
Facility name: WEE CARE CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEE CARE CLEANERS (Continued)

1004756601

Violation Status: No violations found

FINDS:

Registry ID: 110002364593

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

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

AIRS (AFS):

Airs Minor Details:

EPA plant ID: 110019775279
Plant name: KIM'S WE CARE CLEANERS
Plant address: 172-29 HILLSIDE AVE
JAMAICA, NY 114324643
County: QUEENS
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043
Sic code: 7216
Sic code desc: DRYCLEANING PLANTS, EXCEPT RUG
North Am. industrial classf: 812320
NAIC code description: Drycleaning and Laundry Services (except Coin-Operated)
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE
National action type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEE CARE CLEANERS (Continued)

1004756601

Date achieved:	00000
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	Not reported
Date achieved:	00000
Penalty amount:	Not reported
Air program:	Not reported
National action type:	Not reported
Date achieved:	Not reported
Penalty amount:	Not reported
Air program:	Not reported
National action type:	Not reported
Date achieved:	Not reported
Penalty amount:	Not reported

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEE CARE CLEANERS (Continued)

1004756601

State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEE CARE CLEANERS (Continued)

1004756601

Hist compliance date: 1302
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1303
Air prog code hist file: MACT (SECTION 63 NESHAPS)

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: UNCLASSIFIED
Repeat violator date: Not reported
Turnover compliance: Not reported

Q93
West
1/8-1/4
0.216 mi.
1138 ft.

WE CARE CLEANERS INCORPORATED
172-29 HILLSIDE AVENUE
JAMAICA, NY 11432
Site 3 of 4 in cluster Q

MANIFEST S110247047
DRYCLEANERS N/A

Relative:
Higher

NY MANIFEST:
EPA ID: NYD981075351
Country: USA

Actual:
84 ft.

Mailing Name: WE CARE CLEANERS INCORPORATED
Mailing Contact: WE CARE CLEANERS INCORPORATED
Mailing Address: 172-29 HILLSIDE AVENUE
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11432
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-526-5674

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 2011-05-14
Trans1 Recv Date: 2011-05-14
Trans2 Recv Date: 2011-05-20
TSD Site Recv Date: 2011-05-20
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 260.0
Units: P - Pounds
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 008374636JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 2011-05-14
Trans1 Recv Date: 2011-05-14
Trans2 Recv Date: 2011-05-20
TSD Site Recv Date: 2011-05-20
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

TSDF ID: CDX107000000
Waste Code: Not reported
Quantity: 80.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2011
Manifest Tracking Num: 008374636JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814252374
Generator Ship Date: 06-Apr-2013 00:00:00
Trans1 Recv Date: 06-Apr-2013 00:00:00
Trans2 Recv Date: 12-Apr-2013 00:00:00
TSD Site Recv Date: 12-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: CDX107000000
Waste Code: Not reported
Quantity: 260
Units: P - Pounds
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 010180181JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814252374
Generator Ship Date: 06-Apr-2013 00:00:00
Trans1 Recv Date: 06-Apr-2013 00:00:00
Trans2 Recv Date: 12-Apr-2013 00:00:00
TSD Site Recv Date: 12-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 80
Units: P - Pounds
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 010180181JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 12-Sep-2013 00:00:00
Trans1 Recv Date: 12-Sep-2013 00:00:00
Trans2 Recv Date: 16-Sep-2013 00:00:00
TSD Site Recv Date: 16-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 260
Units: P - Pounds
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Year: 2013
Manifest Tracking Num: 011177676JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 12-Sep-2013 00:00:00
Trans1 Recv Date: 12-Sep-2013 00:00:00
Trans2 Recv Date: 16-Sep-2013 00:00:00
TSD Site Recv Date: 16-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 80
Units: P - Pounds
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1

Year: 2013
Manifest Tracking Num: 011177676JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 2012-04-21
Trans1 Recv Date: 2012-04-21

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Trans2 Recv Date: 2012-04-27
TSD Site Recv Date: 2012-04-27
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 260.0
Units: P - Pounds
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009255837JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 2012-04-21
Trans1 Recv Date: 2012-04-21
Trans2 Recv Date: 2012-04-27
TSD Site Recv Date: 2012-04-27
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 80.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009255837JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814252374
Generator Ship Date: 06-Apr-2013 00:00:00
Trans1 Recv Date: 06-Apr-2013 00:00:00
Trans2 Recv Date: 12-Apr-2013 00:00:00
TSD Site Recv Date: 12-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 260
Units: P - Pounds
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 010180181JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814252374
Generator Ship Date: 06-Apr-2013 00:00:00
Trans1 Recv Date: 06-Apr-2013 00:00:00
Trans2 Recv Date: 12-Apr-2013 00:00:00
TSD Site Recv Date: 12-Apr-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Trans2 EPA ID: Not reported
TSDF ID: CDX107000000
Waste Code: Not reported
Quantity: 80
Units: P - Pounds
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 010180181JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 12-Sep-2013 00:00:00
Trans1 Recv Date: 12-Sep-2013 00:00:00
Trans2 Recv Date: 16-Sep-2013 00:00:00
TSD Site Recv Date: 16-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: CDX107000000
Waste Code: Not reported
Quantity: 80
Units: P - Pounds
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 011177676JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 12-Sep-2013 00:00:00
Trans1 Recv Date: 12-Sep-2013 00:00:00
Trans2 Recv Date: 16-Sep-2013 00:00:00
TSD Site Recv Date: 16-Sep-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 260
Units: P - Pounds
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 011177676JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 2012-04-21
Trans1 Recv Date: 2012-04-21
Trans2 Recv Date: 2012-04-27
TSD Site Recv Date: 2012-04-27
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 80.0
Units: P - Pounds
Number of Containers: 1.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009255837JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 2012-04-21
Trans1 Recv Date: 2012-04-21
Trans2 Recv Date: 2012-04-27
TSD Site Recv Date: 2012-04-27
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 260.0
Units: P - Pounds
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 009255837JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Trans2 State ID: MIK814262374
Generator Ship Date: 2012-12-10
Trans1 Recv Date: 2012-12-10
Trans2 Recv Date: 2012-12-14
TSD Site Recv Date: 2012-12-14
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 80.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 010181487JJK
Import Ind: N
Export Ind: Y
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H020

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 2012-12-10
Trans1 Recv Date: 2012-12-10
Trans2 Recv Date: 2012-12-14
TSD Site Recv Date: 2012-12-14
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981075351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID: CDX107000000
Waste Code: Not reported
Quantity: 260.0
Units: P - Pounds
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 010181487JJK
Import Ind: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WE CARE CLEANERS INCORPORATED (Continued)

S110247047

Export Ind: Y
 Discr Quantity Ind: N
 Discr Type Ind: N
 Discr Residue Ind: N
 Discr Partial Reject Ind: N
 Discr Full Reject Ind: N
 Manifest Ref Num: Not reported
 Alt Fac RCRA Id: Not reported
 Alt Fac Sign Date: Not reported
 Mgmt Method Type Code: H020

DRYCLEANERS:

Facility ID: 2-6307-00490
 Phone Number: 718-657-5438
 Region: Not reported
 Registration Effective Date: 5/21/2003 11:07:50:113
 Inspection Date: 07APR28
 Install Date: 93/94/03
 Drop Shop: Not reported
 Shutdown: Not reported
 Alternate Solvent: Not reported
 Current Business: Not reported

Q94

West
1/8-1/4
0.216 mi.
1141 ft.

17229 HILLSIDE AVE
JAMAICA, NY 11432
Site 4 of 4 in cluster Q

EDR US Hist Cleaners 1015004424
N/A

Relative:
Higher

EDR Historical Cleaners:

Actual:
84 ft.

Name: WE CARE CLEANERS
 Year: 1999
 Address: 17229 HILLSIDE AVE

Name: WE CARE CLEANERS
 Year: 2001
 Address: 17229 HILLSIDE AVE

Name: WE CARE CLEANERS
 Year: 2002
 Address: 17229 HILLSIDE AVE

Name: WE CARE CLEANERS
 Year: 2005
 Address: 17229 HILLSIDE AVE

Name: WE CARE CLEANERS
 Year: 2006
 Address: 17229 HILLSIDE AVE

Name: WE CARE CLEANERS
 Year: 2007
 Address: 17229 HILLSIDE AVE

Name: KINS WE CARE CLEANERS
 Year: 2008
 Address: 17229 HILLSIDE AVE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1015004424

Name: WE CARE CLEANERS
 Year: 2010
 Address: 17229 HILLSIDE AVE

Name: WE CARE CLEANERS
 Year: 2011
 Address: 17229 HILLSIDE AVE

Name: WE CARE CLEANERS
 Year: 2012
 Address: 17229 HILLSIDE AVE

R95
ENE
1/8-1/4
0.216 mi.
1143 ft.

INTERMEDIATE SCHOOL 238 - QUEENS (Q238)
88-15 182ND STREET
HOLLIS, NY 11423

AST U004077842
N/A

Site 2 of 2 in cluster R

Relative:
Lower

AST:

Region: STATE
 DEC Region: 2
 Site Status: Active
 Facility Id: 2-478717
 Program Type: PBS
 UTM X: 603012.83276000002
 UTM Y: 4507631.40364000001
 Expiration Date: 2014/12/01
 Site Type: School

Actual:
60 ft.

Affiliation Records:

Site Id: 21288
 Affiliation Type: Emergency Contact
 Company Name: NEW YORK CITY DEPT. OF EDUCATION
 Contact Type: Not reported
 Contact Name: SCHOOL SAFETY
 Address1: Not reported
 Address2: Not reported
 City: Not reported
 State: NN
 Zip Code: Not reported
 Country Code: 999
 Phone: (718) 935-3300
 EMail: Not reported
 Fax Number: Not reported
 Modified By: GDBREEN
 Date Last Modified: 10/18/2013

Site Id: 21288
 Affiliation Type: Facility Owner
 Company Name: NEW YORK CITY DEPT. OF EDUCATION
 Contact Type: MGR, FUEL DIVISION
 Contact Name: RAYMOND CORREA
 Address1: 44-36 VERNON BOULEVARD
 Address2: Not reported
 City: LONG ISLAND CITY
 State: NY
 Zip Code: 11101
 Country Code: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERMEDIATE SCHOOL 238 - QUEENS (Q238) (Continued)

U004077842

Phone: (718) 349-5738
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 7/14/2011

Site Id: 21288
Affiliation Type: On-Site Operator
Company Name: INTERMEDIATE SCHOOL 238 - QUEENS (Q238)
Contact Type: Not reported
Contact Name: PLANT OPERATIONS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 349-5400
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 12/8/2004

Site Id: 21288
Affiliation Type: Mail Contact
Company Name: N Y C DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: RAYMOND CORREA
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
EMail: RCORREA5@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 3/23/2010

Tank Info:

Tank Number: 001
Tank Id: 38558
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERMEDIATE SCHOOL 238 - QUEENS (Q238) (Continued)

U004077842

I04 - Overfill - Product Level Gauge (A/G)
E02 - Piping Secondary Containment - Vault (with Access)
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/15/2009
Capacity Gallons: 15000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: CGFREEDM
Last Modified: 03/23/2010
Material Name: #6 Fuel Oil (On-Site Consumption)

Tank Number: 002
Tank Id: 38559
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
E02 - Piping Secondary Containment - Vault (with Access)
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/15/2009
Capacity Gallons: 15000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: CGFREEDM
Last Modified: 03/23/2010
Material Name: #6 Fuel Oil (On-Site Consumption)

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

96
SSW
1/8-1/4
0.240 mi.
1266 ft.

17227 91ST AVE
JAMAICA, NY 11432

EDR US Hist Auto Stat **1015269863**
N/A

Relative:
Lower

Actual:
59 ft.

EDR Historical Auto Stations:

- Name: VERONICA AUTO
- Year: 2004
- Address: 17227 91ST AVE

- Name: VERONICA AUTO SALVAGE CORP
- Year: 2005
- Address: 17227 91ST AVE

- Name: VERONICA AUTO SALVAGE CORP
- Year: 2006
- Address: 17227 91ST AVE

- Name: VERONICA AUTO SALVAGE CORP
- Year: 2007
- Address: 17227 91ST AVE

97
NE
1/8-1/4
0.242 mi.
1278 ft.

MIDLAND MANOR OWNERS CORP.
182-25 WEXFORD TERR
JAMAICA ESTATES, NY 11432

AST **A100364462**
N/A

Relative:
Higher

Actual:
78 ft.

AST:

- Region: STATE
- DEC Region: 2
- Site Status: Active
- Facility Id: 2-109983
- Program Type: PBS
- UTM X: 602971.29128
- UTM Y: 4507800.0353300003
- Expiration Date: 2017/07/10
- Site Type: Apartment Building/Office Building

Affiliation Records:

- Site Id: 3339
- Affiliation Type: On-Site Operator
- Company Name: MIDLAND MANOR OWNERS CORP.
- Contact Type: Not reported
- Contact Name: JOSUE BELLO
- Address1: Not reported
- Address2: Not reported
- City: Not reported
- State: NN
- Zip Code: Not reported
- Country Code: 001
- Phone: (718) 297-6848
- E-Mail: Not reported
- Fax Number: Not reported
- Modified By: TRANSLAT
- Date Last Modified: 3/4/2004

- Site Id: 3339
- Affiliation Type: Facility Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIDLAND MANOR OWNERS CORP. (Continued)

A100364462

Company Name: MIDLAND MANOR OWNERS CORP
Contact Type: PROPERTY MGR
Contact Name: JOHN BUSCH
Address1: 805-3RD AVE RM 1100
Address2: Not reported
City: NY
State: NY
Zip Code: 10022
Country Code: 001
Phone: (212) 753-4120
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 3/28/2007

Site Id: 3339
Affiliation Type: Emergency Contact
Company Name: MIDLAND MANOR OWNERS CORP
Contact Type: Not reported
Contact Name: JOSUE BELLO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 297-6848
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 3339
Affiliation Type: Mail Contact
Company Name: DELTA MANAGEMENT LLC
Contact Type: Not reported
Contact Name: JOHN BUSCH
Address1: 805-3RD AVENUE
Address2: ROOM 1100
City: NEW YORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: (212) 753-4120
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 7/23/2013

Tank Info:

Tank Number: 001
Tank Id: 7879
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIDLAND MANOR OWNERS CORP. (Continued)

A100364462

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1953
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 10/10/2012
Material Name: #2 Fuel Oil (On-Site Consumption)

S98
West
1/8-1/4
0.243 mi.
1285 ft.

87-50 KINGSTON PLACE
87-50 KINGSTON PLACE
JAMAICA, NY 11432

Site 1 of 2 in cluster S

UST U000402127
HIST UST N/A
NY Spills

Relative:
Higher

UST:
Id/Status: 2-202339 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2016/04/13
UTM X: 602206.85039000004
UTM Y: 4507539.7596000005
Site Type: Apartment Building/Office Building

Actual:
112 ft.

Affiliation Records:
Site Id: 6923
Affiliation Type: Facility Owner
Company Name: KINGSTON PLACE REALTY CO LLC
Contact Type: AGENT
Contact Name: MEIR BOUSKILA
Address1: P.O. BOX 1919
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10116
Country Code: 001
Phone: (212) 564-2111
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

87-50 KINGSTON PLACE (Continued)

U000402127

Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/4/2011

Site Id: 6923
Affiliation Type: On-Site Operator
Company Name: 87-50 KINGSTON PLACE
Contact Type: Not reported
Contact Name: JAMIEE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (646) 529-3622
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/4/2011

Site Id: 6923
Affiliation Type: Emergency Contact
Company Name: KINGSTON PLACE REALTY CO LLC
Contact Type: Not reported
Contact Name: PAUL REICH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 235-0309
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 3/4/2011

Site Id: 6923
Affiliation Type: Mail Contact
Company Name: PINNACLE GROUP
Contact Type: Not reported
Contact Name: MEIR BOUSKILA
Address1: P.O. BOX 1919
Address2: SUITE 4000
City: NEW YORK
State: NY
Zip Code: 10116
Country Code: 001
Phone: (212) 564-2111
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2/7/2006

Tank Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

87-50 KINGSTON PLACE (Continued)

U000402127

Tank Number: 001
Tank ID: 16953
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 5000
Install Date: 06/16/1953
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 03/28/2007
Next Test Date: 03/28/2012
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 03/04/2011

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
K00 - Spill Prevention - None

HIST UST:

PBS Number: 2-202339
SPDES Number: Not reported
Emergency Contact: WIENER REALTORS
Emergency Telephone: (212) 564-2111
Operator: JOSE
Operator Telephone: (917) 706-7685
Owner Name: KINGSTON PLACE REALTY CO LLC
Owner Address: ONE PENN PLAZA, SUITE 4000
Owner City,St,Zip: NEW YORK, NY 10119
Owner Telephone: (212) 564-2111
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: WIENER REALTORS
Mailing Address: ONE PENN PLAZA
Mailing Address 2: SUITE 4000
Mailing City,St,Zip: NEW YORK, NY 10119
Mailing Contact: MEIR BOUSKILA
Mailing Telephone: (212) 564-2111
Owner Mark: Second Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

87-50 KINGSTON PLACE (Continued)

U000402127

Facility Addr2: 87050 KINGSTON PL
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: APARTMENT BUILDING
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 04/20/2001
Expiration Date: 04/13/2006
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 5000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 5000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Vault (w/o access)
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: 11/01/1998
Next Test Date: 11/01/2003
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

SPILLS:

Facility ID: 9410692
Facility Type: ER
DER Facility ID: 144767
Site ID: 172006
DEC Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

87-50 KINGSTON PLACE (Continued)

U000402127

Spill Date: 11/10/1994
Spill Number/Closed Date: 9410692 / 11/10/1994
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 11/10/1994
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Affected Persons
Cleanup Ceased: 11/10/1994
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 12/9/1994
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: KINGSTON PLACE ASSOCIATES
Spiller Address: 87-50 KINGSTON PLACE
Spiller City,St,Zip: JAMAICA, 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"
Remarks: FAULTY GAUGE-SPILL IN CONTAINMENT PIT AT FILL-CLEANUP CREW ENROUTE
Material:
Site ID: 172006
Operable Unit ID: 1008560
Operable Unit: 01
Material ID: 376559
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

99
WSW
1/8-1/4
0.248 mi.
1311 ft.

88-22 172 STREET
88-22 172 STREET
JAMAICA, NY 11432

AST **U003396857**
HIST AST **N/A**

Relative:
Higher

AST:

Region: STATE
 DEC Region: 2
 Site Status: Active
 Facility Id: 2-602834
 Program Type: PBS
 UTM X: 602234.66085999995
 UTM Y: 4507348.6182199996
 Expiration Date: 2015/05/16
 Site Type: Apartment Building/Office Building

Actual:
68 ft.

Affiliation Records:

Site Id: 24789
 Affiliation Type: Mail Contact
 Company Name: SONNY MORRI
 Contact Type: Not reported
 Contact Name: Not reported
 Address1: 142-11 61 ST
 Address2: Not reported
 City: FLUSHING
 State: NY
 Zip Code: 11367
 Country Code: 001
 Phone: (718) 353-3939
 EMail: Not reported
 Fax Number: Not reported
 Modified By: kaker
 Date Last Modified: 2/25/2008

Site Id: 24789
 Affiliation Type: On-Site Operator
 Company Name: 88-22 172 STREET
 Contact Type: Not reported
 Contact Name: EDDY ANDRE
 Address1: Not reported
 Address2: Not reported
 City: Not reported
 State: NN
 Zip Code: Not reported
 Country Code: 001
 Phone: (718) 523-7139
 EMail: Not reported
 Fax Number: Not reported
 Modified By: TRANSLAT
 Date Last Modified: 3/4/2004

Site Id: 24789
 Affiliation Type: Emergency Contact
 Company Name: MORRI MGMT INC.
 Contact Type: Not reported
 Contact Name: MASANDORI MORRI
 Address1: Not reported
 Address2: Not reported
 City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-22 172 STREET (Continued)

U003396857

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 353-3909
EMail: Not reported
Fax Number: Not reported
Modified By: kakyer
Date Last Modified: 2/25/2008

Site Id: 24789
Affiliation Type: Facility Owner
Company Name: MORRI MGMT INC.
Contact Type: PRESIDENT
Contact Name: MASANORI MORRI
Address1: 88-22 172ND ST.
Address2: Not reported
City: JAMAICA
State: NY
Zip Code: 11432
Country Code: 001
Phone: (347) 675-9876
EMail: Not reported
Fax Number: Not reported
Modified By: kakyer
Date Last Modified: 2/25/2008

Tank Info:

Tank Number: 001
Tank Id: 51782
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 09/01/1962
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: kakyer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-22 172 STREET (Continued)

U003396857

Last Modified: 02/25/2008
Material Name: #2 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number: 2-602834
SWIS Code: 6301
Operator: EDDY ANDRE
Facility Phone: (718) 523-7139
Facility Addr2: Not reported
Facility Type: APARTMENT BUILDING
Emergency: PHILIPPE LOUIS
Emergency Tel: (917) 253-7062
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: GLADYS MEMNON
Owner Address: 143-47 228 ST
Owner City,St,Zip: ROSEDALE, NY 11413
Federal ID: Not reported
Owner Tel: (718) 276-5603
Owner Type: Private Resident
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: PHILIPPE LOUIS
Mailing Address: 143-47 228 STREET
Mailing Address 2: Not reported
Mailing City,St,Zip: ROSEDALE, NY 11413
Mailing Telephone: (718) 276-5603
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 12/19/1996
Expiration: 11/21/2001
Renew Flag: False
Renew Date: Not reported
Total Capacity: 2000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 2000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-22 172 STREET (Continued)

U003396857

Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 01
Tank Containment: Diking
Leak Detection: 05
Overfill Protection: 01
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

100
North
1/8-1/4
0.250 mi.
1320 ft.

TTF ON 1000 GAL HOUSE TANK
86-15 MIDLAND PKWY
JAMAICA, NY

LTANKS S108467114
NY Spills N/A

Relative:
Higher

Actual:
76 ft.

LTANKS:
Site ID: 439773
Spill Number/Closed Date: 1006418 / 8/12/2011
Spill Date: 9/13/2010
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: RMPIPER
Referred To: Not reported
Reported to Dept: 9/13/2010
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: 9/13/2010
Spill Record Last Update: 8/12/2011
Spiller Name: Not reported
Spiller Company: TANK TEST FAILURE
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: ALICE PSIRAKIS
Spiller Phone: (347) 731-1546
Spiller Extention: Not reported
DEC Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TTF ON 1000 GAL HOUSE TANK (Continued)

S108467114

DER Facility ID: 394767
DEC Memo: 1,000 gal tank (non-PBS) buried in lawn of house in Jamaica, Queens. House was recently sold and new owner wanted the tank tested (it failed) Advanced Tank will dig up the top of the tank, isolate the lines/tank and retest. No contamination found yet. ttf sent DEC Piper received doud with foam. Based on work to date, this spill is closed.
Remarks: isolate for retest

Material:

Site ID: 439773
Operable Unit ID: 1190406
Operable Unit: 01
Material ID: 2185401
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:

Facility ID: 0613908
Facility Type: ER
DER Facility ID: 328544
Site ID: 379046
DEC Region: 2
Spill Date: 3/28/2007
Spill Number/Closed Date: 0613908 / 3/30/2007
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: smsanges
Referred To: Not reported
Reported to Dept: 3/28/2007
CID: 444
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/28/2007
Spill Record Last Update: 3/30/2007
Spiller Name: RICH TURCHIANO
Spiller Company: PRIVATE HOME
Spiller Address: 86-15 MIDLAND PARKWAY

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TTF ON 1000 GAL HOUSE TANK (Continued)

S108467114

Spiller City,St,Zip: JAMACIA, NY
 Spiller Company: 001
 Contact Name: RICH TURCHIANO
 Contact Phone: (718) 444-3400
 DEC Memo: Homeowner Mrs.Lorenzo 718 523 0171Sangesland spoke with Mrs. Lorenzo
 - she says the spill was minor, outside and all on cement. The oil
 company did a nice job on the cleanup and there is no smell.
 Remarks: SHORT VENT ON TANK AND IN PROCESS OF CLEANING UP, CONCRETE ONLY

Material:
 Site ID: 379046
 Operable Unit ID: 1136541
 Operable Unit: 01
 Material ID: 2126482
 Material Code: 0001A
 Material Name: #2 Fuel Oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 1
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

T101
North
1/4-1/2
0.250 mi.
1321 ft.

SCHOOL
179-14 DALNY ROAD
JAMACIA, NY
Site 1 of 2 in cluster T

LTANKS S108639952
N/A

Relative:
Higher

LTANKS:
 Site ID: 383938
 Spill Number/Closed Date: 0703894 / 8/14/2007
 Spill Date: 7/6/2007
 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: 4101
 Investigator: bkfalvey
 Referred To: Not reported
 Reported to Dept: 7/6/2007
 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: 7/6/2007
 Spill Record Last Update: 8/14/2007
 Spiller Name: LEWIS GOMEZ
 Spiller Company: SCHOOL

Actual:
105 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCHOOL (Continued)

S108639952

Spiller Address: 179-14 DALNY ROAD
Spiller City,St,Zip: JAMACIA, NY
Spiller County: 001
Spiller Contact: LEWIS GOMEZ
Spiller Phone: (718) 739-1748
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 333358
DEC Memo: 7/10/07 bf: Called Luis Gomez of Immaculate Conception School.
Ph:(718)739-1748. Left message to call me back. Sent ttf to:Fr.
Thomas JoycelImmaculate Conception Parish86-45 178 St.Jamaica, NY
114328/14/07 On 8/3/07, DEC received response to ttf from Robert
urban of ProTest. Tank failure was due to an old remote fill that was
uncovered while excavating the tank for isolation and testing. Tank
test results were provided with the letter. NFA. bf

Remarks: DRY LEAK

Material:
Site ID: 383938
Operable Unit ID: 1141263
Operable Unit: 01
Material ID: 2131472
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 383938
Spill Tank Test: 1550965
Tank Number: 1
Tank Size: 5000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: 7/6/2007
Test Method: Horner EZ Check I or II

T102 179-14 DALNY ROAD
North 179-14 DALNY ROAD
1/4-1/2 NEW YORK CITY, NY
0.251 mi.
1323 ft. Site 2 of 2 in cluster T

LTANKS **S104073418**
N/A

Relative: LTANKS:
Higher Site ID: 315894
Spill Number/Closed Date: 8805883 / 2/25/1993
Actual: Spill Date: 10/11/1988
105 ft. Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

179-14 DALNY ROAD (Continued)

S104073418

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 2/25/1993
Cleanup Meets Standard: False
SWIS: 4101
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 10/12/1988
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: 10/25/1988
Spill Record Last Update: 5/12/1994
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller City,St,Zip: NN
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 254663
DEC Memo: Not reported
Remarks: 5K TK, L R ==-0.466 GPH.

Material:
Site ID: 315894
Operable Unit ID: 921056
Operable Unit: 01
Material ID: 457793
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 315894
Spill Tank Test: 1534747
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

103
South
1/4-1/2
0.251 mi.
1324 ft.

175-15 JAMAICA AVE
175-15 JAMAICA AVE
JAMAICA, NY

LTANKS **S102672070**
N/A

Relative:
Lower

LTANKS:

Actual:
56 ft.

Site ID: 237971
 Spill Number/Closed Date: 9211653 / 1/11/1993
 Spill Date: 1/11/1993
 Spill Cause: Tank Overfill
 Spill Source: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: 1/11/1993
 Cleanup Meets Standard: True
 SWIS: 4101
 Investigator: CAMMISA
 Referred To: Not reported
 Reported to Dept: 1/11/1993
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1/11/1993
 Spill Record Last Update: 9/30/2004
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller City,St,Zip: ***Update***, ZZ
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 195999
 DEC Memo: Not reported
 Remarks: OUT VENT-CONTAINED ON CONCRETE STEPS-CLEAN UP UNDERWAY

Material:

Site ID: 237971
 Operable Unit ID: 978597
 Operable Unit: 01
 Material ID: 405040
 Material Code: 0001A
 Material Name: #2 Fuel Oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 1
 Units: Gallons
 Recovered: No
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U104
SW
1/4-1/2
0.256 mi.
1352 ft.

90-22 172ND ST.
90-22 172ND ST.
JAMAICA, NY
Site 1 of 2 in cluster U

LTANKS S102672289
N/A

Relative:
Lower

LTANKS:

Actual:
59 ft.

Site ID: 267872
Spill Number/Closed Date: 9311039 / 12/13/1993
Spill Date: 12/11/1993
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: 12/13/1993
Cleanup Meets Standard: True
SWIS: 4101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 12/11/1993
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: 12/16/1993
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: BAERENKLAU OIL
Spiller Address: 7400 JAMAICA AVE.
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 218221
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"
Remarks: TENANT ORDERED 100 GAL - SPILLED OVER AT 80GAL - APPLY DRYSQL & WILL RETURN TO CLEAN UP.

Material:

Site ID: 267872
Operable Unit ID: 992920
Operable Unit: 01
Material ID: 390099
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

90-22 172ND ST. (Continued)

S102672289

Tank Test:

U105
SW
1/4-1/2
0.257 mi.
1355 ft.

90-21 172ND ST
90-21 172ND ST
JAMAICA, NY

LTANKS S100153354
N/A

Site 2 of 2 in cluster U

Relative:
Lower

LTANKS:

Actual:
59 ft.

Site ID: 202806
Spill Number/Closed Date: 9105077 / 8/11/1991
Spill Date: 8/11/1991
Spill Cause: Tank Failure
Spill Source: Unknown
Spill Class: Not reported
Cleanup Ceased: 8/11/1991
Cleanup Meets Standard: True
SWIS: 4101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 8/11/1991
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: 9/11/1991
Spill Record Last Update: 11/26/1991
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: 168691
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TOMQSELLO"
Remarks: Not reported

Material:

Site ID: 202806
Operable Unit ID: 955726
Operable Unit: 01
Material ID: 557286
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

90-21 172ND ST (Continued)

S100153354

Resource Affected: Not reported
Oxygenate: False

Tank Test:

V106
WNW
1/4-1/2
0.258 mi.
1361 ft.

8615 AVA PL
8615 AVA PL
JAMAICA, NY
Site 1 of 2 in cluster V

LTANKS S102673030
N/A

Relative:
Higher

LTANKS:

Actual:
129 ft.

Site ID: 197406
Spill Number/Closed Date: 9508885 / 10/19/1995
Spill Date: 10/19/1995
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: LUCE
Referred To: Not reported
Reported to Dept: 10/19/1995
CID: 211
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: 10/19/1995
Spill Record Last Update: 11/8/1995
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller City,St,Zip: NN
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 164295
DEC Memo: Not reported
Remarks: CALLER REPORTS DRIVER OVERFILLED TANK - SPILL CONTAINED IN BACKYARDCLEAN UP CREW ON WAY

Material:

Site ID: 197406
Operable Unit ID: 1023233
Operable Unit: 01
Material ID: 359845
Material Code: 0003A
Material Name: #6 Fuel Oil
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8615 AVA PL (Continued)

S102673030

Material FA: Petroleum
Quantity: 15
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

V107
WNW
1/4-1/2
0.263 mi.
1388 ft.

LANDRON RESIDENCE
172-32 HIGHLAND AVE
JAMAICA, NY

LTANKS S103238754
N/A

Site 2 of 2 in cluster V

Relative:
Higher

LTANKS:

Actual:
127 ft.

Site ID: 280429
Spill Number/Closed Date: 9801245 / 2/19/2003
Spill Date: 4/26/1998
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 4/29/1998
CID: 257
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 4/29/1998
Spill Record Last Update: 2/19/2003
Spiller Name: MR LANDRON
Spiller Company: LANDRON RESIDENCE
Spiller Address: 172-32 HIGHLAND AVE
Spiller City,St,Zip: JAMACA, NY
Spiller County: 001
Spiller Contact: MR LANDRON
Spiller Phone: (718) 739-8673
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 227697
DEC Memo: Not reported
Remarks: caller has a underground tank and less than 1 gal spilled from pipe going into basement

Material:

Site ID: 280429
Operable Unit ID: 1061918
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LANDRON RESIDENCE (Continued)

S103238754

Material ID: 323179
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

S108
West
1/4-1/2
0.264 mi.
1392 ft.

87-50 KINGSTON PL
87-50 KINGSTON PL
QUEENS, NY
Site 2 of 2 in cluster S

LTANKS **S102560521**
NY Spills **N/A**

Relative:
Higher

LTANKS:

Actual:
116 ft.

Site ID: 172007
Spill Number/Closed Date: 9614747 / 3/25/1997
Spill Date: 3/22/1997
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: 4101
Investigator: ADZHITOM
Referred To: Not reported
Reported to Dept: 3/22/1997
CID: 199
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 3/22/1997
Spill Record Last Update: 6/18/2003
Spiller Name: MIKE HELFONT
Spiller Company: MYSTIC TRANSPORTATION
Spiller Address: 1901 STEINWAY ST
Spiller City,St,Zip: ASTORIA, NY 11105-
Spiller County: 001
Spiller Contact: MIKE HELFONT
Spiller Phone: (718) 932-9075
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 277792
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"

Remarks:

TANK OVERFILL BY DRIVER - MATERIAL BEING CLEANED UP AT THIS TIME SHOULD BE ABLE TO CLEAN ALL MATERIAL FROM SIDEWALK - LOCATION IS AN APARTMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

87-50 KINGSTON PL (Continued)

S102560521

BUILDING IN QUEENS

Material:

Site ID: 172007
Operable Unit ID: 1042422
Operable Unit: 01
Material ID: 339851
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:

Facility ID: 9700009
Facility Type: ER
DER Facility ID: 155908
Site ID: 186540
DEC Region: 2
Spill Date: 4/1/1997
Spill Number/Closed Date: 9700009 / 4/1/1997
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: LUCE
Referred To: Not reported
Reported to Dept: 4/1/1997
CID: 312
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 4/1/1997
Spill Record Last Update: 4/2/1997
Spiller Name: Not reported
Spiller Company: MYSTIC TRANSPORTATION
Spiller Address: 1901 STEINWAY ST
Spiller City,St,Zip: ASTORIA, NY 11105-001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: DRIVER OVERFILLED THE TANK ONTO THE SIDEWALK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

87-50 KINGSTON PL (Continued)

S102560521

Material:

Site ID: 186540
Operable Unit ID: 1046461
Operable Unit: 01
Material ID: 336629
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

109
SSW
1/4-1/2
0.273 mi.
1440 ft.

D & S ENTERPRISES
173-18 JAMAICA AVE
QUEENS, NY

LTANKS **S102662797**
N/A

Relative:
Lower

LTANKS:

Actual:
56 ft.

Site ID: 137046
Spill Number/Closed Date: 9611770 / 12/27/1996
Spill Date: 12/27/1996
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: 4101
Investigator: LUCE
Referred To: Not reported
Reported to Dept: 12/27/1996
CID: 312
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/27/1996
Spill Record Last Update: 1/6/1997
Spiller Name: Not reported
Spiller Company: BAERENKLAU PUBLIC FUEL
Spiller Address: 740 JAMAICA AVE
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: (516) 331-0240
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 117246

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D & S ENTERPRISES (Continued)

S102662797

DEC Memo: Not reported
Remarks: DRIVER OVERFILLED THE TANK - SPILLED ON CONCRETE BASEMENT FLOOR AND CLEANED UP

Material:
Site ID: 137046
Operable Unit ID: 1039654
Operable Unit: 01
Material ID: 340423
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 6
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

W110
SSE
1/4-1/2
0.281 mi.
1482 ft.

BETHESDA BAPTIST CHURCH
179-09 JAMAICA AV
JAMAICA, NY

LTANKS **S104516456**
N/A

Site 1 of 2 in cluster W

Relative:
Lower

LTANKS:
Site ID: 303765
Spill Number/Closed Date: 9912608 / 2/16/2000
Spill Date: 2/4/2000
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: 4101
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2/4/2000
CID: 211
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2/4/2000
Spill Record Last Update: 2/18/2000
Spiller Name: MR NORRIS
Spiller Company: BETHESDA BAPTIST CHURCH
Spiller Address: 179-09 JAMAICA AV
Spiller City,St,Zip: JAMAICA, NY
Spiller County: 001
Spiller Contact: MR NORRIS

Actual:
54 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BETHESDA BAPTIST CHURCH (Continued)

S104516456

Spiller Phone: (718) 297-5908
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 245417
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"2/11/2000 Tank was opened/isolated and tested (tank past)Issac at Petroleum Tank said the lines were tested and past. a small leak was found on the top of the tank line. 1/2 a barrel of contaminated soil was removed. The tank was filled with sand and clean backfill covered. Area will be blacktopped.2 - 275 gal tanks will be set up above ground outdoors and a shed will be built over them.Petroleum Tank will send copies of tank test data2/16/2000Petroleum Tank Cleaners (Issac) sent a letter stating:1)All soil above the tank was removed. 2)All connections and existing piping to building were exposed.3)Isolated tank and retested tank alone (passed)4)1/2 drum of contaminated soil removed from near one tank top fitting.5)A 3/8" copper tubing gauge line was found open and disconnected from the oil tank.6)All lines were isolated and tested (passed)7)PTC cut open tank, cleaned it, filled tank with sand for abandonment in placeNew above ground tank was installed. PTC says all contamination was removed and the open fitting was the source of the problemSpill Event Closed.

Remarks: CALLER STATES AFTER RECENT DELIVERY HIS TANK SEEMS TO BE EMPTYING MORE QUICKLY THAN NORMAL - HE THINKS HE HAS LEAK IN OIL TANK - CALLER HAS CONTACTED HIS OIL CO TO INVESTIGATE

Material:
Site ID: 303765
Operable Unit ID: 1091304
Operable Unit: 01
Material ID: 294492
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

W111
SSE
1/4-1/2
0.292 mi.
1544 ft.

179-26 JAMAICA AVENUE
179-26 JAMAICA AVENUE
QUEENS, NY
Site 2 of 2 in cluster W

LTANKS S106703089
NY Spills N/A

Relative:
Lower

LTANKS:
Site ID: 313630
Spill Number/Closed Date: 8605995 / 12/5/1996
Spill Date: 12/10/1986
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station
Spill Class: Known release that creates potential for fire or hazard. DEC Response.

Actual:
54 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

179-26 JAMAICA AVENUE (Continued)

S106703089

Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: SMITH
Referred To: Not reported
Reported to Dept: 12/22/1986
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1/8/1987
Spill Record Last Update: 2/26/2002
Spiller Name: Not reported
Spiller Company: JAMECO CHEVROLET
Spiller Address: 179-26 JAMAICA AVE.
Spiller City,St,Zip: JAMAICA, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 252878
DEC Memo: Not reported
Remarks: 2-550 MANIFOLDED GAS TANKS FAILED HYDRO-STAT.LOST 5 LBS IN 30 MIN.
CALLED TO DEC BY GASOLENE INSTALATIONS (516)371-2070

Material:

Site ID: 313630
Operable Unit ID: 902809
Operable Unit: 01
Material ID: 475138
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 313630
Spill Tank Test: 1530464
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

179-26 JAMAICA AVENUE (Continued)

S106703089

SPILLS:

Facility ID: 9400306
Facility Type: ER
DER Facility ID: 66983
Site ID: 70616
DEC Region: 2
Spill Date: 4/7/1994
Spill Number/Closed Date: 9400306 / Not Reported
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS:

4101
Investigator: AAOBLIGA
Referred To: SVE SYSTEM. SEE TIBBE
Reported to Dept: 4/7/1994
CID: Not reported
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True
Remediation Phase: 1
Date Entered In Computer: 4/8/1994
Spill Record Last Update: 11/28/2011
Spiller Name: Not reported
Spiller Company: MCGUINE REALTY
Spiller Address: Not reported
Spiller City,St,Zip: ROCKVILLE CENTER, 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 "ROMMEL C"10/10/95: This is additional information about material spilled from the translation of the old spill file: LEAKING TANK MIDST O.12/06/96: SEE ALSO 8605995 WHICH WAS CLOSED TODAY DUE TO FACT THAT SPILL HAS A CURRENT RESPONDER.04/12/04TRANSFERRED FROM TIBBE TO ROMMEL11/02/06 Reassigned from Rommel to Sun.(MS)2/22/07: M.Tibbe has files and will review with MS regarding status and follow-up.8/2/07: Need to obtain site status from M.Tibbe (JS/MS)03/25/09: Transfer from Sun to Tibbe.11/12/10 - spill re-assigned from Tibbe to Joe O'Connell11/28/11 - spill re-assigned from O'Connell to Obligado
Remarks: (3) 550 GAL GAS TANKS - COMPLETING REMOVAL TANKS - WILL EXCAVATE SOIL.
Not reported

Material:

Site ID: 70616
Operable Unit ID: 994023
Operable Unit: 01
Material ID: 387628
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

179-26 JAMAICA AVENUE (Continued)

S106703089

Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

X112
SE
1/4-1/2
0.304 mi.
1606 ft.

180-11 JAMAICA AVE
180-11 JAMAICA AVE
QUEENS, NY
Site 1 of 2 in cluster X

LTANKS S103239025
N/A

Relative:
Lower

LTANKS:

Actual:
52 ft.

Site ID: 201334
Spill Number/Closed Date: 9511153 / 12/6/1995
Spill Date: 12/5/1995
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 12/5/1995
CID: 270
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/5/1995
Spill Record Last Update: 12/6/1995
Spiller Name: PAUL SCAROLA
Spiller Company: GREG HOCK
Spiller Address: 740 JAMICA AVE
Spiller City,St,Zip: BROOKLYN, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: (718) 297-2040
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 167509
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks: SMALL AMOUNT LEAKED OUT OF TANK

Material:

Site ID: 201334
Operable Unit ID: 1025455
Operable Unit: 01
Material ID: 358504
Material Code: 0001A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

180-11 JAMAICA AVE (Continued)

S103239025

Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

X113
SE
1/4-1/2
0.308 mi.
1624 ft.

CLOSED-LACKOF RECENT INFO
180002 JAMAICA AVENUE
NEW YORK CITY, NY
Site 2 of 2 in cluster X

LTANKS S100145974
N/A

Relative:
Lower

LTANKS:

Actual:
53 ft.

Site ID: 230468
Spill Number/Closed Date: 9000827 / 3/4/2003
Spill Date: 4/23/1990
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 4/23/1990
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 5/9/1990
Spill Record Last Update: 10/8/2008
Spiller Name: Not reported
Spiller Company: Not reported
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: 189950
DEC Memo: Not reported
Remarks: (3) 550 GAL TANKS WERE TESTED, (2) TANKS FAILED HYDROSTATIC TEST WITH A LEAK RATE OF 30LBS/5 MIN.CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S100145974

Material:

Site ID: 230468
Operable Unit ID: 940479
Operable Unit: 01
Material ID: 439189
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 230468
Spill Tank Test: 1536985
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

114
SSE
1/4-1/2
0.344 mi.
1817 ft.

RECIDENCE
177 -07 93 RD AVE
JAMAICA, NY

LTANKS S102399570
N/A

Relative:
Lower

LTANKS:

Site ID: 136747
Spill Number/Closed Date: 9606653 / 8/23/1996
Spill Date: 8/23/1996
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 8/23/1996
CID: 282
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 8/23/1996
Spill Record Last Update: 9/20/1996

Actual:
56 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RECIDENCE (Continued)

S102399570

Spiller Name: SAME
 Spiller Company: SAME
 Spiller Address: Not reported
 Spiller City,St,Zip: NY 11433-
 Spiller County: 001
 Spiller Contact: JOE RICHARDSON
 Spiller Phone: (718) 739-4680
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 117009
 DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
 Remarks: bottom of the tank failed.repair people have been notified

Material:

Site ID: 136747
 Operable Unit ID: 1034467
 Operable Unit: 01
 Material ID: 345921
 Material Code: 0001A
 Material Name: #2 Fuel Oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 5
 Units: Gallons
 Recovered: 5
 Resource Affected: Not reported
 Oxygenate: False

Tank Test:

115
 WSW
 1/4-1/2
 0.352 mi.
 1856 ft.

170-06 88TH ST
 170-06 88TH AVE
 JAMAICA, NY 11432

LTANKS S104619723
 N/A

Relative:
 Higher

LTANKS:

Site ID: 293256
 Spill Number/Closed Date: 9808119 / 7/6/2007
 Spill Date: 9/30/1998
 Spill Cause: Tank Test Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 4101
 Investigator: JMKRIMGO
 Referred To: Not reported
 Reported to Dept: 10/1/1998
 CID: 233
 Water Affected: Not reported
 Spill Notifier: Tank Tester
 Last Inspection: Not reported
 Recommended Penalty: False

Actual:
 73 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

170-06 88TH ST (Continued)

S104619723

UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 10/1/1998
Spill Record Last Update: 7/6/2007
Spiller Name: WAYNE LEBDA
Spiller Company: TYLER TOWERS
Spiller Address: 33-01 FRANCIS LEWIS BLVD
Spiller City,St,Zip: FLUSHING, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 7106
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"06/16/06: This spill is transferred from Mike Mulqueen to Mr. Koon Tang.11/10/06. Reassign to J.Krimgold.TTF letter was send to:Concerned MGNT Corp.251-38 71st StreetQueens, NY 11426Contact 718-347-0018JK.1/16/07. Karen Ferraro of Concerned MGNT Corp. called J.Krimgold to discuss steps necessary to close this spill. She has never received our TTF letter, because address was wrong. It should be 71st Road not Street. She was suggested to contact PTC, who made tank repair back in 1998, and find what caused the tank failure. She stated that this 5000 gal UST was closed in-place and a new AST ~4000 gal was installed(no PBS info. regarding this).Another TTF letter was sent to:Attn. Karen FerraroConcerned MGNT Corp.251-38 71st RoadQueens, NY 11426 7/6/07. J.Krimgold reviewed the letter report submitted by Action Remediation, Inc dated June 28, 2007. Six soil borings were installed around tank and along piping. Lab results show some contaminants level marginally above TAGM levels. PBS registration was corrected. NFA letter.
Remarks: 5000 gal u/g tank tank failed then was uncovered and retested failed a second time

Material:
Site ID: 293256
Operable Unit ID: 1065686
Operable Unit: 01
Material ID: 315650
Material Code: 0003A
Material Name: #6 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 293256
Spill Tank Test: 1546334
Tank Number: Not reported
Tank Size: 5000
Test Method: 03
Leak Rate: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

170-06 88TH ST (Continued)

S104619723

Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

**116
WNW
1/4-1/2
0.354 mi.
1867 ft.**

**CAYCEDO RESIDENCE
86-18 KINGSTON PL
JAMAICA ESTATES, NY**

**LTANKS S105054972
N/A**

**Relative:
Higher**

LTANKS:

Site ID: 75832
Spill Number/Closed Date: 0102236 / 8/10/2001
Spill Date: 5/29/2001
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.

**Actual:
126 ft.**

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 5/29/2001
CID: 390
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 5/29/2001
Spill Record Last Update: 8/10/2001
Spiller Name: M/M CAYCEDO
Spiller Company: CAYCEDO RESIDENCE
Spiller Address: 86-18 KINGSTON PL
Spiller City,St,Zip: JAMAICA ESTATES, ZZ
Spiller County: 001
Spiller Contact: M/M CAYCEDO
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 70955
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEMO" TANK REMOVAL REVEALED SOIL CONTAMINATION. IMPACTED SOILS REMOVED BY ENVIRONMENTAL SERVICES INC. TOTAL EXCAVATED SOILS 40 TONS. WASTE MANIFESTS SUBMITTED IN SUPPORT OF SPILL CLOSURE.
Remarks: tank failed test - no product spillage

Material:

Site ID: 75832
Operable Unit ID: 841045
Operable Unit: 01
Material ID: 534353
Material Code: 0001A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAYCEDO RESIDENCE (Continued)

S105054972

Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 75832
Spill Tank Test: 1526336
Tank Number: 1
Tank Size: 1080
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

117
SSW
1/4-1/2
0.360 mi.
1899 ft.

**QUEENS BLVD LINCOLN
92-12 172ND ST
JAMAICA, QUEENS, NY**

**LTANKS S106737784
N/A**

**Relative:
Lower**

LTANKS:

Site ID: 336075
Spill Number/Closed Date: 0410972 / 6/18/2008
Spill Date: 1/8/2005
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

**Actual:
57 ft.**

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: LXZIELIN
Referred To: Not reported
Reported to Dept: 1/8/2005
CID: 38
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/10/2005
Spill Record Last Update: 6/18/2008
Spiller Name: ANTHONY GIORGIANNI
Spiller Company: QUEENS BLVD LINCOLN
Spiller Address: 92-12 172ND ST
Spiller City,St,Zip: JAMACIA, NY
Spiller County: 001
Spiller Contact: ANTHONY GIORGIANNI

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

QUEENS BLVD LINCOLN (Continued)

S106737784

Spiller Phone: (718) 657-5222
 Spiller Extension: Not reported
 DEC Region: 2
 DER Facility ID: 271411
 DEC Memo: 06/18/08 - LZI reviewed a GCI report (eDocs), dated July 2nd. One additional boring--west of the former 1,000-gallon tank location--has been done. Neither VOCs nor SVOCS have been found above TAGM 4046 levels. I sent an application to Mr. Giorgianni to close-remove the 1,000-gallon tank and an NFA letter. The spill case is closed.07/19/06 - ZielinskiCalled GCI at (631) 851-1600 and left a message requesting additional information about the report.07/19/06 - ZielinskiAccording to a report by General Consolidated Industries, dated August 18, 2005, the tank was removed. Analytical results of soil samples revealed presence of naphtalene (1,075 ppb), p & m -xylene (3,336 ppb), o-xylene (1,572 ppb), pyrene (418 ppb). On June 6, 2005, 21.1 tons od contaminated soil was removed from the site. According to GCI, any futher excavation would jeopardize the structural intergrity of a building next to the site. 4/19/2005 jz: Tank will be removed by April 28. Application for sub mod is required.3/30/2005 jz: GCI Environmental is retained by owner of the property. The 550 gallon of waste oil tank was failed the tightness test. It will be removed as well as contaminated soil. End point samples will be taken. Report will be sent to DEC by Mr. Matt Boeckel (631) 851-1600 ext. 201.tff ltr sent 3/25/2005
 Remarks: tank test failure. waste oil tank 550 gallons buried tank.

Material:

Tank Test:

118
 SSW
 1/4-1/2
 0.408 mi.
 2154 ft.

**PERSAUD HOME
 172-16 93RD AVE
 JAMAICA, NY**

**LTANKS S107658719
 N/A**

**Relative:
 Lower**

LTANKS:
 Site ID: 360581
 Spill Number/Closed Date: 0513984 / 3/7/2006
 Spill Date: 3/7/2006
 Spill Cause: Tank Failure
 Spill Source: Private Dwelling
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:
 58 ft.**

Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 4101
 Investigator: SMSANGES
 Referred To: Not reported
 Reported to Dept: 3/7/2006
 CID: 444
 Water Affected: Not reported
 Spill Notifier: Responsible Party
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PERSAUD HOME (Continued)

S107658719

Remediation Phase: 0
Date Entered In Computer: 3/7/2006
Spill Record Last Update: 3/7/2006
Spiller Name: PERSAUD HOME
Spiller Company: PERSAUD HOME
Spiller Address: 172-16 93RD AVE
Spiller City,St,Zip: JAMACIA, NY
Spiller County: 001
Spiller Contact: PERSAUD HOME
Spiller Phone: (718) 657-6343
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 310750
DEC Memo: Sangesland spoke to Mr. Persaud (homeowner) he said his oil tank is outside, behind the house. He noticed the connection from the tank to the suction line (tank to burner) was leaking onto his driveway. Petro fuel was called and they have repaired the line and cleaned the spot on the driveway.

Remarks: LINE LEAK AT THIS LOCATION

Material:
Site ID: 360581
Operable Unit ID: 1117725
Operable Unit: 01
Material ID: 2108234
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

119
SE
1/4-1/2
0.409 mi.
2160 ft.

J & L ADIKES INC
182-12 93RD AVE
JAMAICA, NY 11423

CERC-NFRAP 1000137245
RCRA NonGen / NLR NYD001287960
MANIFEST

Relative:
Lower

CERC-NFRAP:
Site ID: 0203113
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
49 ft.

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: J. & L. ADIKES, INC.
Alias Address: Not reported
QUEENS, NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J & L ADIKES INC (Continued)

1000137245

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /
Date Completed: 06/13/89
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 09/27/89
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 09/27/89
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: J & L ADIKES INC
Facility address: 182-12 93RD AVE
JAMAICA, NY 11423
EPA ID: NYD001287960
Mailing address: 93RD AVE
JAMAICA, NY 11423
Contact: Not reported
Contact address: 93RD AVE
JAMAICA, NY 11423
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: J. & L. ADIKES,INC.
Owner/operator address: 182-12 93RD AVENUE
OPERCITY, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 739-4400
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: J & L ADIKES INC
Owner/operator address: 182-12 93RD AVE
JAMAICA, NY 11423
Owner/operator country: US
Owner/operator telephone: (212) 739-4400
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J & L ADIKES INC (Continued)

1000137245

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Facility name: J & L ADIKES INC
Classification: Not a generator, verified

Date form received by agency: 11/19/1980
Facility name: J & L ADIKES INC
Classification: Not a generator, verified

Date form received by agency: 11/19/1980
Facility name: J & L ADIKES INC
Classification: Not a generator, verified

Date form received by agency: 08/14/1980
Facility name: J & L ADIKES INC
Classification: Not a generator, verified

Violation Status: No violations found

NY MANIFEST:

EPA ID: NYD001287960
Country: USA
Mailing Name: J & L ADIKES INC
Mailing Contact: CUMMINGSROBERT W. ASST.V
Mailing Address: 182-12 93RD AVE
Mailing Address 2: Not reported
Mailing City: JAMAICA
Mailing State: NY
Mailing Zip: 11423
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-739-4400

Document ID: NJO0099686
Manifest Status: Generator copy
Trans1 State ID: S7110AS
Trans2 State ID: Not reported
Generator Ship Date: 820319
Trans1 Recv Date: 820319

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J & L ADIKES INC (Continued)

1000137245

Trans2 Recv Date: Not reported
TSD Site Recv Date: Not reported
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001287960
Trans1 EPA ID: PAD064035819
Trans2 EPA ID: Not reported
TSD ID: ALT000622464
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00246
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: Not reported
Specific Gravity: 100
Year: 82

Y120
SSW
1/4-1/2
0.410 mi.
2167 ft.

INTERNATIONAL TOWERS (BAISLEY PARK)
92-20 170TH STREET
QUEENS, NY 11434
Site 1 of 2 in cluster Y

LTANKS **U001840763**
UST **N/A**

Relative:
Lower

LTANKS:

Actual:
57 ft.

Site ID: 244739
Spill Number/Closed Date: 9806031 / 11/22/2011
Spill Date: 8/14/1998
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: 4101
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 8/14/1998
CID: 322
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 8/14/1998
Spill Record Last Update: 11/22/2011
Spiller Name: FRANK OSULLIVAN
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NEW YORK, NY 10007-001
Spiller Contact: FRANK OSULLIVAN
Spiller Phone: (212) 306-3229
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 201034
DEC Memo: 12/06/05: This spill transferred from J.Kolleeny to S.Kraszewski.07/26/06: NYCHA update summary states that one 10K UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERNATIONAL TOWERS (BAISLEY PARK) (Continued)

U001840763

that uses #2 oil is currently in-service. This tank suffered a TTF due to a man way gasket leak, tank was repaired and retested on 12/07/01. The tank is scheduled for a retest on 12/07/06, but no mention of whether it passed seeing how this summary was prepared 5 months after the scheduled retest. One MW installed in 1995 in bailing water only. NYCHA recommends closure of the spill. - SK11/21/11: NYCHA submitted a letter dated March 5, 2010 which provided results of a tank tightness test which was performed on 11/06/06. The tank passed. A second tank tightness test was performed on 9/9/11. The tank passed; the results were submitted to DER at the november 17 meeting. 11/22/11: NYCHA submitted a letter on November 21 requesting closure. Based on this information (edoced), the spill was closed. NFA

Remarks: gross failure of tank

Material:

Site ID: 244739
Operable Unit ID: 1067211
Operable Unit: 01
Material ID: 317202
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 244739
Spill Tank Test: 1546163
Tank Number: 1
Tank Size: 10000
Test Method: 03
Leak Rate: 0
Gross Fail: F
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

UST:

Id/Status: 2-475726 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2014/03/28
UTM X: 602285.64040000003
UTM Y: 4506868.1224699998
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 21028
Affiliation Type: Facility Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERNATIONAL TOWERS (BAISLEY PARK) (Continued)

U001840763

Company Name: NYC HOUSING AUTHORITY
Contact Type: \\
Contact Name: Not reported
Address1: 23-02 49TH AVENUE
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 707-5725
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 8/27/2013

Site Id: 21028
Affiliation Type: Mail Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: FUEL OIL REMEDIATION COORDINATOR
Address1: 23-02 49TH AVENUE
Address2: TECH SERVS DEPT - 5TH FLOOR
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 707-5725
EMail: Y.TKACH@NYCHA.NYC.GOV
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 10/17/2013

Site Id: 21028
Affiliation Type: Emergency Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: EMERGENCY SERVICES DEPT.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 707-5900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 9/13/2012

Site Id: 21028
Affiliation Type: On-Site Operator
Company Name: INTERNATIONAL TOWERS (BAISLEY PARK)
Contact Type: Not reported
Contact Name: FUEL OIL REMEDIATION UNIT
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTERNATIONAL TOWERS (BAISLEY PARK) (Continued)

U001840763

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 707-5725
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 11/12/2008

Tank Info:

Tank Number: 1
Tank ID: 37869
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 12/01/1982
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 09/09/2011
Next Test Date: 09/09/2016
Pipe Model: Not reported
Modified By: BKFALVEY
Last Modified: 09/14/2011

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

121
East
1/4-1/2
0.420 mi.
2217 ft.

104-32 89TH AVENUE
104-32 89TH AVE
JAMAICA, NY

LTANKS S101509075
N/A

Relative:
Lower

LTANKS:

Site ID: 69371
Spill Number/Closed Date: 9501841 / 5/14/1995
Spill Date: 5/14/1995
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Actual:
59 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

104-32 89TH AVENUE (Continued)

S101509075

Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 5/14/1995
Cleanup Meets Standard: True
SWIS: 4101
Investigator: MMMULQUE
Referred To: Not reported
Reported to Dept: 5/14/1995
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: 5/23/1995
Spill Record Last Update: 3/20/2003
Spiller Name: Not reported
Spiller Company: PVT RESIDENCE
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: 65957
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
Remarks: TEMP PATCH ON TANK BY BAERENKLAU SERVICEMAN. OWNER MAKING REMOVAL ARRAGEMENTS.

Material:
Site ID: 69371
Operable Unit ID: 1013010
Operable Unit: 01
Material ID: 366917
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 7
Units: Gallons
Recovered: 7
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Y122
SSW
1/4-1/2
0.425 mi.
2245 ft.

CONLON LIHFE -NYCHA
92-33 170TH ST
JAMAICA, NY

LTANKS 1001477776
N/A

Site 2 of 2 in cluster Y

Relative:
Lower

LTANKS:

Actual:
57 ft.

Site ID: 79008
Spill Number/Closed Date: 9805960 / 3/24/1999
Spill Date: 8/13/1998
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: SACCACIO
Referred To: Not reported
Reported to Dept: 8/13/1998
CID: 366
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 8/13/1998
Spill Record Last Update: 1/19/2006
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NEW YORK, NY 10007-001
Spiller County: FRANK OCELLO
Spiller Contact: (212) 306-3229
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 284810
DEC Memo: Not reported
Remarks: CALLER REPORTING TANK TEST FAILURE.

Material:

Site ID: 79008
Operable Unit ID: 1063734
Operable Unit: 01
Material ID: 317135
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONLON LIHFE -NYCHA (Continued)

1001477776

Site ID: 79008
Spill Tank Test: 1546157
Tank Number: 1
Tank Size: 20000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

Site ID: 79007
Spill Number/Closed Date: 9105263 / 8/12/2013
Spill Date: 8/15/1991
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 8/15/1991
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0

Date Entered In Computer: 8/29/1991
Spill Record Last Update: 8/12/2013
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NEW YORK, NY 10007-001
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 284810

DEC Memo: 01/19/06: This spill transferred from J.Kolleeny to S.Kraszewski. One 20K tank installed in 1973 was removed in 2000, had two TTFs. No site assessment ever performed at this site. Need to contact NYCHA to check. Must have a site assessment. - SK09/01/06: DEC Lead for this spill changed from "unassigned" to S. Kraszewski. - J. Kolleeny02/09/07 - J.Kann - Spill reassigned from S.Kraszewski to J.Kann.6/11/09: JKann - Meeting held on 5/28 with ALC Environmental and NYCHA. Investigative Work Plan submitted on June 10, 2009.10/21/10: J.Kann - work plan approved. email sent.04/2012: J.kann - reminder sent to NYCHA re this site. They responded that it was overlooked. New deadline for October 2012.5/6/13: J.Kann - Stip and CAP emailed to NYCHA (edoced). Signed stip due back to DEC by 6/5/13.8/12/13: J.Kann - STIP RCVD 5/29/13 AND FRWDED TO LEGAL. RIR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONLON LIHFE -NYCHA (Continued)

1001477776

rcvd 7/31/13.8/12/13: J.Kann - reviewed file and RIP dated July 2013. Based on the review:-The spill was called in after a TTF (a previous spill was also called in for a TTF)-A 20,000 gallon UST was removed and replaced with a 6,000 gallon UST in NOV/Dec. 2000.-Lab data of soil from Nov. 2000 show non-detect for all STARS compounds-A Site Investigation was performed in 2013 around the tank. Boring logs do not show any indication of 'stained soils' or petroleum odors.-Six soil borings were advanced (10 soil samples collected) and four monitoring wells installed at the site. -All soil samples were below CP-51 with the exception of 1,2,4 Trimethylbenzene in SB-4. This was a minor exceedence and was detected below TOGS 1.1.1 in groundwater.-All groundwater samples were below TOGS 1.1.1 criteria. No free product detected.-NFA

Remarks: 20K TANK; HORNER EZ CHECK GROSS LEAK. E,I & R

Material:

Site ID: 79007
Operable Unit ID: 959457
Operable Unit: 01
Material ID: 421066
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Site ID: 79007
Spill Tank Test: 1538908
Tank Number: 001
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

Z123
NNE
1/4-1/2
0.428 mi.
2261 ft.

84-65 AVON STREET
84-65 AVON STREET
JAMAICA, NY

Site 1 of 2 in cluster Z

LTANKS S100879023
NY Spills N/A

Relative:
Higher

LTANKS:

Site ID: 329956
Spill Number/Closed Date: 9300855 / 4/12/1993
Spill Date: 4/12/1993
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
110 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

84-65 AVON STREET (Continued)

S100879023

Cleanup Ceased: 4/12/1993
Cleanup Meets Standard: True
SWIS: 4101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 4/12/1993
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: 1/18/1994
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: BAARENKLAU
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: 265471
DEC Memo: Not reported
Remarks: CLOG IN LINE - OIL OVER FLOWED - USING SOIL TO CLEAN - WILL RETURN TO CLEAN SPILL.

Material:

Site ID: 329956
Operable Unit ID: 979458
Operable Unit: 01
Material ID: 401594
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:

Facility ID: 9412446
Facility Type: ER
DER Facility ID: 265471
Site ID: 329958
DEC Region: 2
Spill Date: 12/16/1994
Spill Number/Closed Date: 9412446 / 12/16/1994
Spill Cause: Human Error

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

84-65 AVON STREET (Continued)

S100879023

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 12/16/1994
CID: Not reported
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: 12/16/1994
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/15/1995
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: BAERENKLAU FUEL CO
Spiller Address: 740 JAMAICA AVENUE
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
"TANG"
Remarks: WHEN SERVICE MAN REMOVED NOZZLE FROM TANK, "BACK PRESSURE" SPRAYED
FUEL ONTO GROUND

Material:
Site ID: 329958
Operable Unit ID: 1010082
Operable Unit: 01
Material ID: 374756
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 9310382
Facility Type: ER
DER Facility ID: 265471
Site ID: 329957
DEC Region: 2
Spill Date: 11/27/1993
Spill Number/Closed Date: 9310382 / 11/27/1993
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

84-65 AVON STREET (Continued)

S100879023

Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 11/27/1993
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Responsible Party
Cleanup Ceased: 11/27/1993
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 11/30/1993
Spill Record Last Update: 9/30/2004
Spiller Name: Not reported
Spiller Company: BAERENKLAU OIL
Spiller Address: 740 JAMAICA AVENUE
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 "TANG"
Remarks: FAULTY VENT ALARM - SPEEDI DRY, WILL REPAIR.

Material:
Site ID: 329957
Operable Unit ID: 992091
Operable Unit: 01
Material ID: 392996
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

124
ESE
1/4-1/2
0.431 mi.
2278 ft.

VERONICA AUTO SALV. CORP D/B/A VERONICA AUTO SALES
92-18 183RD STREET
JAMAICA, NY 11423

SWF/LF S107784842
HIST AST N/A

Relative:
Lower

SWF/LF:
Flag: INACTIVE
Region Code: 2
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported

Actual:
49 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERONICA AUTO SALV. CORP D/B/A VERONICA AUTO SALES (Continued)

S107784842

Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Vehicle Dismantling
Activity Number: Not reported
Active: No
East Coordinate: 603278
North Coordinate: 4507143
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

HIST AST:

PBS Number: 2-606172
SWIS Code: 6301
Operator: RUPERT SCHEODIAL
Facility Phone: (718) 658-6402
Facility Addr2: Not reported
Facility Type: OTHER
Emergency: RUPERT SHEODIAL
Emergency Tel: (718) 297-2612
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: RUPERT SCHEODIAL
Owner Address: 172-27 91ST AVE.
Owner City,St,Zip: JAMAICA, NY 11432
Federal ID: Not reported
Owner Tel: (718) 297-2612
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: RUPERT SHEODIAL
Mailing Name: VERONICA AUTO SALVAGE CORP.
Mailing Address: 92-18 183RD STREET
Mailing Address 2: Not reported
Mailing City,St,Zip: JAMAICA, NY 11423
Mailing Telephone: (718) 658-6402
Owner Mark: First Owner
Facility Status: 4 - Subpart 360-14 only (active)
Certification Flag: False
Certification Date: 07/06/2001
Expiration: 07/03/2006
Renew Flag: False
Renew Date: Not reported
Total Capacity: 500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERONICA AUTO SALV. CORP D/B/A VERONICA AUTO SALES (Continued)

S107784842

FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 63
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 250
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 0
Pipe Location: None
Pipe Type: NONE
Pipe Internal: None
Pipe External: 0
Tank Containment: None
Leak Detection: 0
Overfill Protection: 0
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 002
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 250
Product Stored: USED OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 0
Pipe Location: None
Pipe Type: NONE
Pipe Internal: None
Pipe External: 0
Tank Containment: None
Leak Detection: 0
Overfill Protection: 0
Dispenser Method: Suction
Date Tested: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VERONICA AUTO SALV. CORP D/B/A VERONICA AUTO SALES (Continued)

S107784842

Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

AA125
SW
1/4-1/2
0.441 mi.
2327 ft.

169-11 JAMAICA AVENUE
169-11 JAMAICA AVENUE
JAMAICA, NY
Site 1 of 2 in cluster AA

LTANKS **S102672867**
N/A

Relative:
Lower

LTANKS:

Actual:
58 ft.

Site ID: 160277
Spill Number/Closed Date: 9416141 / 3/14/1995
Spill Date: 3/14/1995
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 3/14/1995
Cleanup Meets Standard: True
SWIS: 4101
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 3/14/1995
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: 5/2/1995
Spill Record Last Update: 9/30/2004
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: 135355
DEC Memo: Not reported
Remarks: TANK OVERFILL THROUGH VENT PIPE - CLEANED UP BY DRIVER. PER CAROL IT'S BEEN CLEANED UP BY THE OIL CO.

Material:

Site ID: 160277
Operable Unit ID: 1009597
Operable Unit: 01
Material ID: 371306

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

169-11 JAMAICA AVENUE (Continued)

S102672867

Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: Yes
Resource Affected: Not reported
Oxygenate: False

Tank Test:

126
SSE
1/4-1/2
0.446 mi.
2354 ft.

KARL AUTO COLLISION
177-16 LIBERTY AVE
JAMAICA, NY 11433

SWF/LF **S108145949**
N/A

Relative:
Lower

SWF/LF:
Flag: ACTIVE
Region Code: 2
Phone Number: 7186578665
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: Doodnantu Persand
Contact Address: 177-16 Liberty Avenue
Contact Addr2: Not reported
Contact City,St,Zip: Jamaica;, NY 11433
Contact Email: karlauto@nyc.rr.com
Contact Phone: 7186578665
Activity Desc: Vehicle Dismantling
Activity Number: [7073615]
Active: Yes
East Coordinate: 602853
North Coordinate: 4506789
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
51 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Z127
NNE
1/4-1/2
0.446 mi.
2354 ft.

SPILL NUMBER 9809312
182-19 HENLY RD
JAMAICA ESTATES, NY
Site 2 of 2 in cluster Z

LTANKS S104619773
N/A

Relative:
Higher

LTANKS:

Actual:
126 ft.

Site ID: 301431
Spill Number/Closed Date: 9809312 / 10/27/1998
Spill Date: 10/26/1998
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 4101
Investigator: MMMULQUE
Referred To: Not reported
Reported to Dept: 10/26/1998
CID: 211
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: 10/26/1998
Spill Record Last Update: 2/25/1999
Spiller Name: Not reported
Spiller Company: PETRO OIL
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: FLORENTINA TEYU
Spiller Phone: (718) 739-8675
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 243575
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"
Remarks: DRIVER OVERFILLED TANK - MOST OF SPILL CLEANED UP

Material:

Site ID: 301431
Operable Unit ID: 1070409
Operable Unit: 01
Material ID: 316773
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 6
Units: Gallons
Recovered: 5
Resource Affected: Not reported
Oxygenate: False

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SPILL NUMBER 9809312 (Continued)

S104619773

Tank Test:

**AA128
 SW
 1/4-1/2
 0.446 mi.
 2356 ft.**

**JAMAICA AVE/169TH ST
 JAMAICA AVE/169TH ST
 QUEENS, NY**

**LTANKS S107658590
 N/A**

Site 2 of 2 in cluster AA

**Relative:
 Lower**

LTANKS:

**Actual:
 58 ft.**

Site ID: 359754
 Spill Number/Closed Date: 0513290 / 4/5/2006
 Spill Date: 2/17/2006
 Spill Cause: Tank Overfill
 Spill Source: Commercial Vehicle
 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: 4101
 Investigator: SFRAHMAN
 Referred To: Not reported
 Reported to Dept: 2/17/2006
 CID: 408
 Water Affected: Not reported
 Spill Notifier: Fire Department
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2/17/2006
 Spill Record Last Update: 4/5/2006
 Spiller Name: DISPATCHERS
 Spiller Company: Not reported
 Spiller Address: JAMAICA AVE/169TH ST
 Spiller City,St,Zip: QUEENS, NY
 Spiller County: 001
 Spiller Contact: DISPATCHERS
 Spiller Phone: (718) 339-1417
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 309888
 DEC Memo: Sharif responded to the site02/22/06 Sharif Rahman- Responded to the site on 02/17/06 evening.The driver did n't check the gauge of the tank and started delivering oil. Oil came out of the vent due to overfill. Spill impacted the side walk and went down to the basement. FDNY put down speedy dry. Sewer was impacted. NYC DEP(Mr. Cellace) was at scene.Oil Company is Millenium Heating and Transport,(718)246-5700 and I told them to clean up the oil impact both outside and inside the basement.03/28/06 Sharif Rahman- I left few messeges for Mr. Rafat,(718)669-8674 to call back DEC regarding the clean up of the oil spill in the basement.04/03/06 Sharif Rahman-Being unsuccessful to get the feed back from Mr. Rafat about the spill clean up in the basement,I called the oil company and spoke with Ms.Barbara, who said she will have Manager Eddie call DEC to report the status of the basement.04/05/06 Sharif Rahman- I spoke with Best Buy Furniture,(Mr. Howard Haj@718-291-4000). They are

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JAMAICA AVE/169TH ST (Continued)

S107658590

Remarks: comfortable with the spill clean up. There is no more odor complain in the basement. NFA required.
FUEL DELIVERY OVERFILL, TRUCK IS NOT ON SITE. UNKNOWN AMOUNT WENT INTO THE SEWERS. HAS NOT BEEN CLEANED UP

Material:
Site ID: 359754
Operable Unit ID: 1116948
Operable Unit: 01
Material ID: 2107413
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 70
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

129
SSE
1/4-1/2
0.470 mi.
2481 ft.

F & M TRANSIT MIX
180-25 LIBERTY AVE.
JAMAICA, NY 11433

SWF/LF S108146016
CBS N/A

Relative:
Lower

SWF/LF:
Flag: INACTIVE
Region Code: 2
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Vehicle Dismantling
Activity Number: Not reported
Active: No
East Coordinate: 602982
North Coordinate: 4506784
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
47 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F & M TRANSIT MIX (Continued)

S108146016

CBS:

CBS Number: 2-000183
Program Type: CBS
Facility Status: Unregulated
Expiration Date: N/A
Dec Region: 2
UTMX: 601660.23779000
UTMY: 4506197.9786799

AB130
South
1/4-1/2
0.471 mi.
2486 ft.

CATALY TIC CONVERTER CORP
175-15 LIBERTY AVE
JAMAICA, NY 11433

SWF/LF **S108145760**
N/A

Site 1 of 2 in cluster AB

Relative:
Lower

SWF/LF:

Flag: INACTIVE
Region Code: 2
Phone Number: 7182976200
Owner Name: Steve Shalit
Owner Type: Private
Owner Address: 108 Myrtle Drive
Owner Addr2: Not reported
Owner City,St,Zip: Great Neck, NY 11021
Owner Email: Not reported
Owner Phone: 7182976200
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Vehicle Dismantling
Activity Number: Not reported
Active: No
East Coordinate: 602701
North Coordinate: 4506716
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
51 ft.

AB131
South
1/4-1/2
0.472 mi.
2490 ft.

JOEY AUTO COLLISION & REPAIR INC
175-11 LIBERTY AVE
JAMAICA, NY 11433

FINDS **1007131243**
SWF/LF **N/A**
US AIRS

Site 2 of 2 in cluster AB

Relative:
Lower

FINDS:

Registry ID: 110015783044

Actual:
50 ft.

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOEY AUTO COLLISION & REPAIR INC (Continued)

1007131243

Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

SWF/LF:

Flag: INACTIVE
Region Code: 2
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Vehicle Dismantling
Activity Number: Not reported
Active: No
East Coordinate: 602698
North Coordinate: 4506715
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

AIRS (AFS):

Airs Minor Details:

EPA plant ID: 110015783428
Plant name: JOEY AUTO COLLISION & REPAIR INC
Plant address: 175-11 LIBERTY AVE
JAMAICA, NY 11433
County: QUEENS
Region code: 02
Dunn & Bradst #: Not reported
Air quality cntrl region: 043

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOEY AUTO COLLISION & REPAIR INC (Continued)

1007131243

Sic code: 7532
Sic code desc: TOP & BODY REPAIR AND PAINT SHOPS (1987)
North Am. industrial class: 811121
NAIC code description: Automotive Body, Paint, and Interior Repair and Maintenance
Default compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1301
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOEY AUTO COLLISION & REPAIR INC (Continued)

1007131243

Hist compliance date:	1302
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1004
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1101
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1102
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1201
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1202
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1203
Air prog code hist file:	MACT (SECTION 63 NESHAPS)
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1302
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date:	1303

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOEY AUTO COLLISION & REPAIR INC (Continued)

1007131243

Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1303
Air prog code hist file: MACT (SECTION 63 NESHAPS)

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

132
ENE
1/4-1/2
0.484 mi.
2557 ft.

SPILL NUMBER 9808118
87-46 CHELSEA RD
JAMAICA, NY

LTANKS S104619722
N/A

Relative:
Higher

Actual:
84 ft.

LTANKS:
Site ID: 244400
Spill Number/Closed Date: 9808118 / 5/6/1999
Spill Date: 9/30/1998
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: 4101
Investigator: MMMULQUE
Referred To: Not reported
Reported to Dept: 10/1/1998
CID: 233
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 10/1/1998
Spill Record Last Update: 11/20/2003
Spiller Name: WAYNE LEBDA
Spiller Company: 88-46 CHESEA OWNERS
Spiller Address: 33-01 FRANCIS LEWIS BLVD
Spiller City,St,Zip: FLUSHING, NY
Spiller County: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 9808118 (Continued)

S104619722

Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 200753
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MULQUEEN"11/17/98 mmm:PHONE CONVERSATION WITH CAPTIAL (KATHY). TANK CONTINUED TO FAIL (3 TIMES). EIR AND REPLACED LINES, PETROMETER GUAGE. PTC PUMPED AND CLEANED TANK, THEN FAILURE WAS EVEN GREATER. TRIED TO DO SUBSURFACE INVESTIGATION. TOUGH DRILLING - GOT HITS ON 8270 RUN. REPORT TO BE SUBMITTED.4/12/1999 mmm:ECMS DRILLED THROUGH TANK IN 3 LOCATIONS TO DETERMINE IF RELEASE HAD OCCURRED. GOT CLEAN SAMPLES - BELOW MDL's. TANK ABANDONED IN PLACE. NO FURTHER INVESTIGATION REQUIRED.
Remarks: u/g tank will advise to uncover and retest

Material:
Site ID: 244400
Operable Unit ID: 1069294
Operable Unit: 01
Material ID: 315649
Material Code: 0003A
Material Name: #6 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 244400
Spill Tank Test: 1546333
Tank Number: Not reported
Tank Size: 5000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

AC133
South
1/4-1/2
0.488 mi.
2575 ft.

AMERICAN RECYCLING MANAGEMENT; LLC
172-33 DOUGLAS AVENUE
JAMAICA, NY 11433
Site 1 of 2 in cluster AC

SWF/LF S110243428
NY Spills N/A
Financial Assurance

Relative:
Lower

SWF/LF:
Flag: ACTIVE
Region Code: 2
Phone Number: 7187392301
Owner Name: Christopher Hein
Owner Type: Private
Owner Address: 172-33 Douglas Ave.

Actual:
55 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN RECYCLING MANAGEMENT; LLC (Continued)

S110243428

Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11433
Owner Email: Not reported
Owner Phone: 7187392301
Contact Name: Robert Buffolino
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Rbuffolino@yahoo.com
Contact Phone: 7187392301
Activity Desc: Transfer station - permit
Activity Number: [41T06]
Active: Yes
East Coordinate: 602499
North Coordinate: 4506670
Accuracy Code: Not reported
Regulatory Status: Permit
Waste Type: MSW (Residential/Institutional & Commercial)
Authorization #: 2-6307-00108/00001
Authorization Date: 10/23/2009
Expiration Date: 05/20/2014

Flag: INACTIVE
Region Code: 2
Phone Number: 7187392301
Owner Name: Christopher Hein
Owner Type: Private
Owner Address: 172-33 Douglas Ave.
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11433
Owner Email: Not reported
Owner Phone: 7187392301
Contact Name: Robert Buffolino
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Rbuffolino@yahoo.com
Contact Phone: 7187392301
Activity Desc: C&D processing - registration
Activity Number: Not reported
Active: No
East Coordinate: 602499
North Coordinate: 4506670
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: 2-6307-00108
Authorization Date: 03/21/1997
Expiration Date: 03/21/2002

Flag: ACTIVE
Region Code: 2
Phone Number: 7187392301
Owner Name: Christopher Hein
Owner Type: Private
Owner Address: 172-33 Douglas Ave.
Owner Addr2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN RECYCLING MANAGEMENT; LLC (Continued)

S110243428

Owner City,St,Zip: Jamaica, NY 11433
Owner Email: Not reported
Owner Phone: 7187392301
Contact Name: Robert Buffolino
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Rbuffolino@yahoo.com
Contact Phone: 7187392301
Activity Desc: C&D processing - permit
Activity Number: [41W06]
Active: Yes
East Coordinate: 602400
North Coordinate: 4506800
Accuracy Code: 2.1 - NYSDEC 100 m grid collection
Regulatory Status: Permit
Waste Type: Brick;Metal (Structural);Construction & Demolition Debris;Soil (Clean);Wood (Contaminated)
Authorization #: 2-6307-00108/00001
Authorization Date: 10/23/2009
Expiration Date: 05/20/2014

SPILLS:

Facility ID: 0913369
Facility Type: ER
DER Facility ID: 375181
Site ID: 426307
DEC Region: 2
Spill Date: 3/13/2010
Spill Number/Closed Date: 0913369 / 7/8/2010
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 4101
Investigator: RVKETANI
Referred To: Not reported
Reported to Dept: 3/19/2010
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 3/19/2010
Spill Record Last Update: 7/8/2010
Spiller Name: Not reported
Spiller Company: LIRR
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: PAUL MANSKE
Contact Phone: Not reported
DEC Memo: 03/23/10-Vought-Duty desk officer. Called LIRR Paul Manske

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN RECYCLING MANAGEMENT; LLC (Continued)

S110243428

(347-494-6027) and spoke to Manske and LIRR neighbor is waste transfer facility and they enclosed property with cinderblock wall. Wall let go in windstorm and landed on racks that had transformers. Power was cut and transformer taken out of service. Racks condemned by facility. LIRR has used contractors to scope out work and only one transformer was damaged due to bent spicket that has slow "eye dropper drip". Spill is being bermed and contained with overlying and underlying plastic with pads in between. Spill is approximately 1-5 gallons on soil with no immediate impact to sewers or drains. Demo guy will stabilize racks and then AB Environmental will make area with speedy dry to dismantle transformers. Leaking transformer will be pumped out and contaminated soil will be excavated. 2001 samples show oil as non-PCB and current sample collected and sent to South Mall for secondary PCB analysis. Work will be expedited as transformers currently off-line. Paul will return call to Vought upon completion of work for consideration of spill closure.03/30/10-Vought-Received call from and spoke to LIRR Al Albano (Ph:347-494-6020) and PCB data reinspection shows a 7ppm PCB concentration when transformer was installed. Seconday PCB analysis shows 19.1ppm PCBs. Entire transformer will be drained of oil tomorrow morning and substation will be taken completely off line and new substation will be constructed. Demo contractor will remove rubble from ground to get at contaminated soil. Two month date will be put on letter due to time needed for deconstruction. Letter should be addressed to:Mr. Albert AlbanoLIRR144-41 94th Avenue4th FloorMailcode 1944Jamaica, NY 11435email:aalbano@lirr.orgVought sent CSL with endpoint sample requirement for PCBs and one month due date.6/11/10-Vought-Spill transferred from DEC Vought to DEC Ketani as per DEC Austin and Vought transfer to Section A.7/8/10 - Raphael Ketani. I reviewed the 4/30/10 letter report from the LIRR. The soil endpoint analyticals indicate that there are no PCBs.Based upon the data in the 4/30/10 letter report and the pictures showing the soil removal, I have determined that the contamination has been removed. Therefore, there is no threat to the public or the environment. I have closed the spill case.

Remarks: spill due to weather related incident/clean up pending

Material:

Site ID: 426307
Operable Unit ID: 1181994
Operable Unit: 01
Material ID: 2176136
Material Code: 0020A
Material Name: TRANSFORMER OIL
Case No.: Not reported
Material FA: Petroleum
Quantity: 3
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

NY Financial Assurance 1:

Owner Name: Christopher Hein

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN RECYCLING MANAGEMENT; LLC (Continued)

S110243428

Region: 2
Estimate Type: Closure
Estimate Amount: \$300,000
Estimate Date: 03/01/2001
Mechanism: Letter of credit
Mechanism Amount: \$300,000.0
Activity Number: 41T06;41W06
Activity Description: Transfer station - permit;C&D processing - permit

**AC134
SSW
1/4-1/2
0.493 mi.
2603 ft.**

**REGAL RECYCLING INC.
172-06 DOUGLAS AVENUE
JAMAICA, NY 11433
Site 2 of 2 in cluster AC**

**SWF/LF
Financial Assurance**

**S105841104
N/A**

**Relative:
Lower**

SWF/LF:

**Actual:
54 ft.**

Flag: ACTIVE
Region Code: 2
Phone Number: 7185239330
Owner Name: Regal Recycling Company Inc
Owner Type: Private
Owner Address: 172-21 Douglas Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11433
Owner Email: Not reported
Owner Phone: 7185239330
Contact Name: Michael Reali
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: NY
Contact Email: miker@royalwaste.com
Contact Phone: 7185239330
Activity Desc: Transfer station - permit
Activity Number: [41T49]
Active: Yes
East Coordinate: 602344
North Coordinate: 4506620
Accuracy Code: Not reported
Regulatory Status: Permit
Waste Type: MSW (Residential/Institutional & Commercial)
Authorization #: 2-6307-00008/00007
Authorization Date: 06/18/2013
Expiration Date: 06/18/2018

Flag: ACTIVE
Region Code: 2
Phone Number: 7185239330
Owner Name: Regal Recycling Company Inc
Owner Type: Private
Owner Address: 172-21 Douglas Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11433
Owner Email: Not reported
Owner Phone: 7185239330
Contact Name: Michael Reali
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: NY

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REGAL RECYCLING INC. (Continued)

S105841104

Contact Email: miker@royalwaste.com
 Contact Phone: 7185239330
 Activity Desc: C&D processing - permit
 Activity Number: [41T49]
 Active: Yes
 East Coordinate: 602600
 North Coordinate: 4506800
 Accuracy Code: 2.1 - NYSDEC 100 m grid collection
 Regulatory Status: Permit
 Waste Type: Construction & Demolition Debris;Concrete;Soil (Clean);Wood (Clean)
 Authorization #: 2-6307-00008/00007
 Authorization Date: 06/18/2013
 Expiration Date: 06/18/2018

NY Financial Assurance 1:

Owner Name: Regal Recycling Company Inc
 Region: 2
 Estimate Type: Not reported
 Estimate Amount: Not reported
 Estimate Date: Not reported
 Mechanism: Surety bond - Performance
 Mechanism Amount: \$389,680.0
 Activity Number: 41T49;41T49
 Activity Description: C&D processing - permit;Transfer station - permit

135
 WSW
 1/4-1/2
 0.500 mi.
 2638 ft.

PURAN HOME
168-11 88TH AVE
JAMAICA, NY

LTANKS S108299016
N/A

Relative:
Higher

LTANKS:

Actual:
73 ft.

Site ID: 374437
 Spill Number/Closed Date: 0610068 / 5/18/2007
 Spill Date: 12/5/2006
 Spill Cause: Tank Failure
 Spill Source: Private Dwelling
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 4101
 Investigator: JBVOUGHT
 Referred To: Not reported
 Reported to Dept: 12/5/2006
 CID: 444
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 12/5/2006
 Spill Record Last Update: 5/18/2007
 Spiller Name: SHANTA PURAN
 Spiller Company: PURAN HOME
 Spiller Address: 168-11 88TH AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PURAN HOME (Continued)

S108299016

Spiller City,St,Zip: JAMACIA, NY
Spiller County: 001
Spiller Contact: SHANTA PURAN
Spiller Phone: (718) 725-1911
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 324119
DEC Memo: Joe Cornacchioli Petro - 718-628-3370Petro tested the suction line - Failedrecheck delivery dates and quantity of oil unaccounted for.12/08/06-Vought-Called Joe Cornacchioli and left message to return call to DEC. Vought sent general soil contamination letter with one month due date to owner:Shanta D Puran168-11 88th AvenueJamaica, NY 1143212/8/06-Vought-Vought spoke to Shanta Puran and she just started working today and money is hard. As such Vought arranged site visit by DEC Rahman for preliminary inspection. Shanta's contact information is home (718-725-1911) and cell (347-754-2803).12/13/06 Rahman- I made a site inspection on 12/11/06 afternoon to discover any potential oil release because of the suction line failure. The old suction line which failed, runs under shallow near concrete.There was no apparent petroleum odors in the basement.Therefore,I suggested them to take the old line out of the cement and find out if there is any visual/olfactory evidence of contamination present.If no contamination found, a statement from the property owner along with couple of nice pictures of the uncovered suction line area would help to consider the close out of the case.12/13/06-Vought-Site visit performed by DEC Rahman. No odors or stains in concrete. Supply line is approximately 20' long with 10' running under concrete and 10'running above concrete but under masonry cement(spill would be visible via staining). DEC Rahman called Puran and required her to excavate line. Vought called Puran and she will have concrete broken and call DEC back for site visit to inspect soil.1/9/06-Vought-Received call from Shanta and concrete was broken and is requesting site visit.05/18/07 Rec'd closure document from Eastmond.Approx. 40 bags of contaminated soil was disposed, one end point sample was collected from the pit.Results came back VOC/SVOC non detect.Waste disposal manifest was provided.Reviewing case on behalf of case manager's request. Spill closed.(SR)
Remarks: OIL LINE IS LEAKING AT ABOVE LOCATION: PETRO OIL ON SCENE

Material:
Site ID: 374437
Operable Unit ID: 1132117
Operable Unit: 01
Material ID: 2121835
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

AD136
SSE
1/2-1
0.749 mi.
3953 ft.

WEST SIDE CORPORATION
107-10 180TH STREET
JAMAICA, NY 11433
Site 1 of 2 in cluster AD

SHWS
LTANKS
MANIFEST
CBS

1009235339
N/A

Relative:
Lower

SHWS:

Program: HW
Site Code: 55929

Actual:
35 ft.

Classification: Significant threat to the public health or environment - action required.

Region: 2
Acres: 4.500
HW Code: 241026
Record Add: 11/18/1999
Record Upd: 03/20/2014
Updated By: GWBURKE

Site Description:

Location: The West Side Corporation site is located 107-10 180th Street in Jamaica, Queens County, New York. Site Features: This 4.5-acre site is owned by the now defunct West Side Corporation and includes a brick structure, approximately 21,600 square feet (sf) in size, currently leased by Atlantic Express Transportation (Atlantic), a school bus company for dispatching, repairing and maintaining school buses. Bus storage (approximately 200 buses) at the site was observed to cover a majority of the open space. The site is bordered to the west and south by a DEP maintenance and storage yard (Station 24). The area around the site building is paved with asphalt. The site property is surrounded by chain link and corrugated metal fencing. Historical Use(s): The site was used for the manufacture and distribution of ceramic pipes and fittings until 1969. From about 1969 to 1992, the site was used as a storage and distribution center for laundromat supplies, hangers, plastic garment bags, and most notably dry cleaning chemicals including large quantities of PCE. The property was operated as the West Side Corporation. Five 10,000 gallon aboveground storage tanks were located outside the southeast portion of the site building and were used for the storage of PCE. These tanks were filled via truck tankers and via railroad tanker cars. Apparently, improper handling of the chemicals has resulted in the disposal of hazardous wastes at the site, primarily PCE, at the site, some of which were released or have migrated in groundwater from the site to surrounding areas, including the properties to the south and east. Historical data indicate that contaminated groundwater from the site was drawn toward the former Jamaica Water Supply Company wells when they were in operation. Analytical data from that time is not available but current and historical information suggests that the concentration of PCE that may have been introduced to the water distribution system was likely low due to dilution. Formerly, the Jamaica Water Supply Company occupied Station 24 and operated several production wells (Nos. 24, 24A, 24B, and 24C). Well 24 was taken out of service by DEP in 1975. Wells 24A, 24B, and 24C were taken out of service by DEP in 1982 when contaminants were detected in these wells during routine monitoring. Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. Operable Unit No. 1 (OU1): OU1 addresses on-site soils and groundwater. A July 2000 ROD selected an on-site remedy to clean up the soil and groundwater utilizing groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORPORATION (Continued)

1009235339

recovery and treatment, hydraulic containment, soil vapor extraction (SVE) and treatment, chemical oxidation, and institutional controls. In September 2002, an Explanation of Significant Differences was issued revising the remedy to incorporate thermal technology in lieu of chemical oxidation. Thermal treatment, soil vapor extraction, and insitu chemical oxidation (ISCO) have since remediated on-site groundwater and soil source. Operable Unit No. 2 (OU2): OU2 addresses soil vapor and contaminated groundwater that has moved from the site to the south-southwest beneath Station 24 and a residential area. The plume is also migrating in the direction of the DEP Groundwater System Station 6 Site, a currently closed drinking water treatment facility that has been proposed for reuse. The OU2 remedy included installation of a high capacity (750 to 1,100 gpm) groundwater extraction and treatment (GWET) system with on-site treatment and discharge to the local storm sewer system. Construction of the GWET was completed by DEP in 2012, and it was operated by the Department for approximately three months until November 2012. Based on the groundwater level measurements and analytical results within the aquifer following GWET system operations, the Department issued an Amended Record of Decision (AROD) in December 2013. The modification to the remedy generally includes in-situ chemical oxidation (ISCO) which will require the installation of a network of injection wells to inject a chemical solution known as permanganate within the shallow and intermediate groundwater zones. Since permanganate injection will now occur within the GWET system capture area, operation of the GWET system is no longer necessary and has not been included in the amended remedy. Groundwater and indoor air monitoring will continue as part of the AROD. Remedial design of the amended remedy is underway. Site Geology and Hydrogeology: The soil deposits encountered at the site generally consist of fill materials, glacial outwash, and clay soil. The fill material encountered at the site ranges in thickness from approximately 0.5 feet to 10 feet below ground surface (bgs) and is comprised of brown sandy silt, brown silty sands, and gravelly sands with fragments of ceramic, glass, plastic pellets, and metal debris. An unconfined sand and gravel aquifer is present consisting of medium to coarse grained sands of Pleistocene age locally known as the Upper Glacial Aquifer. Soil samples collected showed the aquifer material to be very consistent throughout the OU2 study area. The depth to the top of the underlying Gardiners clay layer, which is an undulating surface throughout the study area, increases southward from OU1 to OU2 and ranges from 62 feet to 105 feet bgs. The regional direction of groundwater flow is south-southwest from the site toward Jamaica Bay, located approximately 3 miles south of the site. The depth to groundwater was found to be 10 to 14 feet bgs throughout the study area. Water table elevations range from 22 feet above mean sea level (amsl) at OU1 to 15 feet amsl at the south edge of OU2. Site. The site topography and surrounding area is relatively flat.

Env Problem:

Operable Unit No. 1 (On-site Soils): Remediation of on-site soils is complete and under site management. Prior to remediation, the primary contaminant of concern was tetrachloroethene (PCE) in soil and groundwater. Operable Unit No. 2 (off-site groundwater and soil vapor): Based upon investigations conducted to date, the main categories of contaminants that exceed their SCGs are VOCs, specifically PCE and its breakdown products. November 2012 groundwater data demonstrated that influent, untreated groundwater PCE concentrations were substantially lower than originally estimated

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORPORATION (Continued)

1009235339

during GWET system remedial design. In the intervening years since the GWET remedy was selected and designed, the plume near the source has attenuated due to the removal of the on-site source (i.e., the OU1 remedy). The recent data also indicated that the dissolved PCE plume is currently present across a greater areal extent and farther south from the site, with the most significant remaining contamination now beyond the identified capture zone of the GWET system. The direction of plume movement remains consistent with the southwesterly regional flow direction. Groundwater samples collected from the monitoring well network in 2012 were consistent in showing that PCE contamination extends deeper into the aquifer with increasing distance from OU1, with the most widespread contamination in the intermediate zone. Water quality data obtained from existing monitoring wells continue to indicate that shallow and intermediate PCE contamination predominates to the north of 174th Street, while deeper contamination predominates southward to 166th Street. Soil Vapor: Since May 2005, the Department and the NYSDOH have tested the air and soil vapor in over 170 homes near the Site. The State has also installed, and maintains, 30 vapor mitigation systems to reduce existing or potential exposures. The SVI investigation has been completed. Ongoing monitoring of the area will continue. The site presents a significant environmental threat due to the presence of soil vapor and contaminated groundwater above SCGs.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Sub-slab depressurization systems (systems that ventilate/remove the air beneath the building) have been installed in both the on-site building and off-site buildings to prevent the indoor air quality from being affected by the contamination in soil vapor beneath the buildings. A monitoring program is in place to further evaluate the potential for exposure via soil vapor intrusion in off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: early 1970
Disp Term: 1992
Lat/Long: 40:42:03:0 / 73:46:37:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 10/29/2013 11:24:00 AM
Updated By: Idennist
Own Op: Disp. Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: WEST SIDE CORPORATION
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORPORATION (Continued)

1009235339

Own Op: Document Repository
Sub Type: NNN
Owner Name: Ms. Judith Todman
Owner Company: Queens Borough Public Library
Owner Address: Archives Department
Owner Addr2: 89-11 Merrick Boulevard
Owner City,St,Zip: Jamaica, NY 11432
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: West Side Corporation
Owner Address: 259 West 57th Street - Suite 1216
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10013
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Tannenbaum Helpert Syracuse & Hirschtritt LLP
Owner Company: West Side Corporation c/o Joshua M. Levy, Esq
Owner Address: 900 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10022
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: WEST SIDE CORPORATION
Owner Address: 259 WEST 57TH STREET
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10107
Owner Country: United States of America
HW Code: 241026
Waste Type: TETRACHLOROETHYLENE (PCE) U210 WASTE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

LTANKS:

Site ID: 349796
Spill Number/Closed Date: 0504876 / 6/6/2006
Spill Date: 7/22/2005
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: 4101
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 7/22/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORPORATION (Continued)

1009235339

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: 7/22/2005
Spill Record Last Update: 6/6/2006
Spiller Name: MR SHELDON SCHIFF
Spiller Company: WESTSIDE COPERATIO OU1
Spiller Address: 107-10 180TH STREET
Spiller City,St,Zip: JAMACIA, NY
Spiller County: 001
Spiller Contact: MR SHELDON SCHIFF
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 56207
DEC Memo: Send Contaminated Soil Letter12/19/05 Feroze. Spill is transferred from Ketani to Feroze.12/29/05. Feroze called Mr.Howard Schiff (516-621-7939) and George Carson(718-291-4222). Kept messages for them. TTF is also sent to: Mr. Howard Schiff30 Yale Dr.North Hills, NY 11030George Carson,107-10 180th ST, Jamaica, NY 1143301/19/06. Feroze called Mr. Howard Schiff (516-621-7939). He doesn't know anything regarding that site. A message is left for Mr. George Carson (718-291-4222).PBS of this spill is 2-329770 . PBS registrtrion expired on 12/14/92. TTF return to DEC.01/20/06 Feroze. Talked with Mr. George Carson 718-291-4222. He also informed that he doesn't know anything about that site.01/31/06. Feroze. Mr. Sheldon Schiff (516-569-5662) is called and a message is left for him.03/15/06. Spill is transferred from Feroze to Kumer Patel.05/15/06-Hiralkumar Patel. Spoke to Allen and he will send me tank closure report probably by May 26, 2006.06/05/06-Hiralkumar Patel. Left message for Allen.06/06/06-Hiralkumar Patel. Received call from Allen. he will email me final report and will mail also. Received tank closure report from Jean Wood in email.-----Mr. Patel,The attached UST Closure report is being forwarded to you at the request of Allen Attenborough.Jean WoodEnvironmental, Health, and SafetyClayton Group Services, Inc.A Bureau Veritas Company160 Fieldcrest AvenueEdison, New Jersey 08837732.225.6040732.225.4577Jean.Wood@us.bureauveritas.com-----abstra ct of tank closure report:- site is currently used as bus depot- UST was located adjacent to basement of bus garage approx. 10 ft west of northwestern corner of building- no odors, oil staining, petroleum product or elevated PID readings were noted in the excavation- UST was found to have a hole in the bottom, but no indication of spill were noted in the field- total five post-excavation soil samples were collected- S-1 was collected from floor of UST excavation and S-2 through S-5 were collected from sidewalls of excavation.little exceedence of SVOCs in S-4. other samples are clean.based on available information, case closed.
Remarks: FOUND A HOLE IN TANK WHILE REMOVING:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORPORATION (Continued)

1009235339

Material:

Site ID: 349796
Operable Unit ID: 1107384
Operable Unit: 01
Material ID: 2097276
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

NY MANIFEST:

EPA ID: NYR000137018
Country: USA
Mailing Name: WESTSIDE CORPORATION SITE
Mailing Contact: JON SUNQUIST URS CORP
Mailing Address: 77 GOODALL STREET
Mailing Address 2: Not reported
Mailing City: BUFFALO
Mailing State: NY
Mailing Zip: 14203
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-206-2423

Document ID: NYG0327222
Manifest Status: Not reported
Trans1 State ID: NYD982792814
Trans2 State ID: Not reported
Generator Ship Date: 11/27/2001
Trans1 Recv Date: 11/27/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/28/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP003602380
Trans1 EPA ID: NYD080336241
Trans2 EPA ID: Not reported
TSD ID: 98114FNY
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 01100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 020
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORPORATION (Continued)

1009235339

Document ID: NYG1935621
Manifest Status: Not reported
Trans1 State ID: NJD986607380
Trans2 State ID: Not reported
Generator Ship Date: 11/20/2000
Trans1 Recv Date: 11/20/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/21/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP003602380
Trans1 EPA ID: OHD066060609
Trans2 EPA ID: Not reported
TSD ID: Not reported
Waste Code: U210 - TETRACHLOROETHYLENE
Quantity: 08640
Units: P - Pounds
Number of Containers: 018
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: U210 - TETRACHLOROETHYLENE
Quantity: 00100
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: 01.00
Year: 2000

EPA ID: NYP003602380
Country: USA
Mailing Name: NYSDEC
Mailing Contact: SHIVE MITTAL
Mailing Address: 50 WOLF RD
Mailing Address 2: Not reported
Mailing City: ALBANY
Mailing State: NY
Mailing Zip: 12233
Mailing Zip4: 7010
Mailing Country: USA
Mailing Phone: 518-457-0315

Document ID: NYG0327222
Manifest Status: Not reported
Trans1 State ID: NYD982792814
Trans2 State ID: Not reported
Generator Ship Date: 11/27/2001
Trans1 Recv Date: 11/27/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/28/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP003602380
Trans1 EPA ID: NYD080336241
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORPORATION (Continued)

1009235339

TSDF ID: 98114FNY
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 01100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 020
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2001

Document ID: NYG1935621
Manifest Status: Not reported
Trans1 State ID: NJD986607380
Trans2 State ID: Not reported
Generator Ship Date: 11/20/2000
Trans1 Recv Date: 11/20/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/21/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP003602380
Trans1 EPA ID: OHD066060609
Trans2 EPA ID: Not reported
TSDF ID: Not reported
Waste Code: U210 - TETRACHLOROETHYLENE
Quantity: 08640
Units: P - Pounds
Number of Containers: 018
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: U210 - TETRACHLOROETHYLENE
Quantity: 00100
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: 01.00
Year: 2000

CBS:
CBS Number: 2-000074
Program Type: CBS
Facility Status: Unregulated
Expiration Date: N/A
Dec Region: 2
UTMX: 603137.89986
UTMY: 4506662.09944

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AD137
SSE
1/2-1
0.749 mi.
3953 ft.

WEST SIDE CORP
107-10 180TH STREET
JAMAICA, NY 11433

Site 2 of 2 in cluster AD

VAPOR REOPENED
UST
HIST UST

U003644458
N/A

Relative:
Lower

VAPOR REOPENED:
Site Code: 241026
Facility Status: Complete (Mitigate)

Actual:
35 ft.

UST:
Id/Status: 2-329770 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 603282.0497299997
UTM Y: 4506492.7676400002
Site Type: Unknown

Affiliation Records:
Site Id: 15503
Affiliation Type: Facility Owner
Company Name: HOWARD SCHIFF (PRES)
Contact Type: Not reported
Contact Name: Not reported
Address1: 30 YALE DR
Address2: Not reported
City: NORTH HILLS
State: NY
Zip Code: 11030
Country Code: 001
Phone: (516) 621-7939
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 15503
Affiliation Type: Mail Contact
Company Name: HOWARD SCHIFF (PRES)
Contact Type: Not reported
Contact Name: Not reported
Address1: 30 YALE DR
Address2: Not reported
City: NORTH HILLS
State: NY
Zip Code: 11030
Country Code: 001
Phone: (516) 621-7939
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 15503
Affiliation Type: On-Site Operator
Company Name: WEST SIDE CORP
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORP (Continued)

U003644458

Contact Name: GEORGE CARSON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 291-4222
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 15503
Affiliation Type: Emergency Contact
Company Name: HOWARD SCHIFF (PRES)
Contact Type: Not reported
Contact Name: SHELDON SCHIFF (SEC-TRES)
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 569-5662
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank ID: 20180
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: 12/01/1970
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
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORP (Continued)

U003644458

G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 002
Tank ID: 20181
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: 12/01/1970
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: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 20182
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1080
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORP (Continued)

U003644458

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None

HIST UST:

PBS Number: 2-329770
SPDES Number: Not reported
Emergency Contact: SHELDON SCHIFF (SEC-TRES)
Emergency Telephone: (516) 569-5662
Operator: GEORGE CARSON
Operator Telephone: (718) 291-4222
Owner Name: HOWARD SCHIFF (PRES)
Owner Address: 30 YALE DR
Owner City,St,Zip: NORTH HILLS, NY 11030
Owner Telephone: (516) 621-7939
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: HOWARD SCHIFF (PRES)
Mailing Address: 30 YALE DR
Mailing Address 2: Not reported
Mailing City,St,Zip: NORTH HILLS, NY 11030
Mailing Contact: Not reported
Mailing Telephone: (516) 621-7939
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons)
and Subpart 360-14.
Facility Addr2: 107010 180TH STREET
SWIS ID: 6301
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 06/12/1992
Expiration Date: 12/14/1992
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: 2-000074
Town or City: NEW YORK CITY
County Code: 63
Town or City: 01
Region: 2
Tank Id: 003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST SIDE CORP (Continued)

U003644458

Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 1080
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HOLLIS	1014397044	CON EDISON - MANHOLE 21028	89-20 181ST STREET AND 90TH AV	11423	RCRA-LQG
HOLLIS	1014397043	CON EDISON - MANHOLE 18712	88-15 182ND STREET AND 89TH AV	11423	RCRA-LQG
HOLLIS	1014399269	NYSDOT BIN 1065100	188TH ST OVER RTE 907M	11423	RCRA-LQG
HOLLIS	1014396969	CON EDISON - MANHOLE 428	HILLSIDE AVE & 193RD STREET	11423	RCRA-LQG
JAMAICA	1014919480	NICKA K COSMETICS	109-15 178TH ST	11433	RCRA-CESQG
JAMAICA	S102146644	LIRR	HILLSIDE AVE & BEDFORD BV		NY Spills
JAMAICA	1015747248	CVS PHARMACY #2718	170-25 HILLSIDE AVE	11432	RCRA-CESQG
JAMAICA	1014926915	RITE AID #3677	162-19 HILLSIDE AVE	11432	RCRA-LQG
JAMAICA	1014396968	CON EDISON - MANHOLE 17317	181-30 HILLSIDE AVE & 181ST ST	11432	RCRA-LQG
JAMAICA	S108955466	JOHNSON AVE PARKING LOT	JOHNSON AVE/SUTPHIN AND A		NY Spills
JAMAICA	1014396967	CON EDISON - MANHOLE 20802	OPP 182-15 HILLSIDE AVE & 182N	11432	RCRA-LQG
JAMAICA	1016250294	LOT POLISH AIRLINES PAN AM	PAN AM TERM B JFK INTL AIRPORT		FINDS
JAMAICA	1014396965	CON EDISON - MANHOLE 18611	WEXFORD TERRACE & DALNY ROAD	11432	RCRA-LQG
NEW YORK CITY	1007207499	TM6118	90TH AVE AND 204TH STREET	11423	RCRA NonGen / NLR, MANIFEST
QUEENS	1009233180	NYNEX	150TH STN OF 89TH AVE	11432	MANIFEST
QUEENS	S108077698	LOT 97,TAXBLOCK 10164	107 AVENUE	11433	E DESIGNATION
QUEENS	S108983202	LOT 10,TAXBLOCK 10223	LIBERTY AVENUE	11433	E DESIGNATION
QUEENS	S108161295	LOT 344,TAXBLOCK 6862	PARSONS BOULEVARD	11432	E DESIGNATION
QUEENS	S108161300	LOT 6,TAXBLOCK 9789	84 ROAD	11432	E DESIGNATION
QUEENS COUNTY	S112209750	CONSOLIDATED EDISON CO #3000	ROUTE 133 AND STONE		MANIFEST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/11/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
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: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/26/2014	Source: Department of the Navy
Date Data Arrived at EDR: 02/28/2014	Telephone: 843-820-7326
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 02/14/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 03/27/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/27/2014	Telephone: 518-402-9622
Date Made Active in Reports: 04/25/2014	Last EDR Contact: 03/27/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 02/17/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/19/2014	Telephone: 518-402-9814
Date Made Active in Reports: 03/31/2014	Last EDR Contact: 02/19/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Varies

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

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/12/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/07/2014	Telephone: 518-457-2051
Date Made Active in Reports: 02/11/2014	Last EDR Contact: 04/07/2014
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

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

Date of Government Version: 02/17/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/19/2014	Telephone: 518-402-9549
Date Made Active in Reports: 04/02/2014	Last EDR Contact: 02/19/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 04/28/2014
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 02/14/2014	Telephone: 312-886-7439
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013	Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2013	Telephone: 206-553-2857
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 01/30/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013	Source: EPA Region 4
Date Data Arrived at EDR: 11/26/2013	Telephone: 404-562-8677
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/21/2014
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/20/2014	Source: EPA Region 7
Date Data Arrived at EDR: 02/21/2014	Telephone: 913-551-7003
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

TANKS: Storage Tank Facility Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 12/30/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/02/2014	Telephone: 518-402-9543
Date Made Active in Reports: 02/11/2014	Last EDR Contact: 04/02/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 12/30/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/02/2014	Telephone: 518-402-9549
Date Made Active in Reports: 02/11/2014	Last EDR Contact: 04/02/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 10/24/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/23/2006
	Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: Varies

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 12/30/2013	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/02/2014	Telephone: 518-402-9549
Date Made Active in Reports: 02/11/2014	Last EDR Contact: 04/02/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

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

Date of Government Version: 01/01/2002	Source: NYSDEC
Date Data Arrived at EDR: 02/20/2002	Telephone: 518-402-9549
Date Made Active in Reports: 03/22/2002	Last EDR Contact: 07/25/2005
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/24/2005
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

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: 12/30/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/02/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

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: 12/30/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 04/02/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
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: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/20/2014	Source: EPA Region 7
Date Data Arrived at EDR: 02/21/2014	Telephone: 913-551-7003
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/27/2014	Last EDR Contact: 01/30/2014
Number of Days to Update: 271	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014	Source: EPA Region 5
Date Data Arrived at EDR: 02/14/2014	Telephone: 312-886-6136
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013	Source: EPA Region 4
Date Data Arrived at EDR: 11/26/2013	Telephone: 404-562-9424
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014	Source: EPA Region 6
Date Data Arrived at EDR: 01/29/2014	Telephone: 214-665-7591
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 01/27/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/15/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 03/27/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/27/2014	Telephone: 518-402-9553
Date Made Active in Reports: 04/25/2014	Last EDR Contact: 03/27/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 03/27/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/27/2014	Telephone: 518-402-9553
Date Made Active in Reports: 04/25/2014	Last EDR Contact: 03/27/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010	Source: NYC Department of City Planning
Date Data Arrived at EDR: 12/23/2010	Telephone: 212-720-3401
Date Made Active in Reports: 02/11/2011	Last EDR Contact: 03/24/2014
Number of Days to Update: 50	Next Scheduled EDR Contact: 07/07/2014
	Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 03/27/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/27/2014	Telephone: 518-402-9711
Date Made Active in Reports: 04/25/2014	Last EDR Contact: 03/27/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2013	Telephone: 617-918-1102
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/01/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 03/27/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/27/2014	Telephone: 518-402-9622
Date Made Active in Reports: 04/25/2014	Last EDR Contact: 03/27/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

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

Date of Government Version: 03/27/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/27/2014	Telephone: 518-402-9764
Date Made Active in Reports: 04/25/2014	Last EDR Contact: 03/27/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/20/2014	Telephone: 202-566-2777
Date Made Active in Reports: 04/09/2014	Last EDR Contact: 03/20/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/07/2014
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: No Update Planned

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 12/12/2013
Date Data Arrived at EDR: 01/07/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Semi-Annually

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites

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

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

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 capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
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 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: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 02/11/2014
Date Data Arrived at EDR: 02/13/2014
Date Made Active in Reports: 03/31/2014
Number of Days to Update: 46

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/03/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 52

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/01/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 02/17/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/19/2014	Telephone: 518-402-9549
Date Made Active in Reports: 04/02/2014	Last EDR Contact: 02/19/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/02/2014
	Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/12/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

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

Date of Government Version: 03/11/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/13/2014	Telephone: (212) 637-3660
Date Made Active in Reports: 04/09/2014	Last EDR Contact: 03/13/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/05/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 01/09/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/10/2014	Telephone: 202-343-9775
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 04/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013	Source: EPA
Date Data Arrived at EDR: 02/27/2014	Telephone: (212) 637-3000
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 03/14/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/12/2013	Telephone: 202-564-8600
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 03/07/2014
Date Data Arrived at EDR: 03/12/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/07/2014
Date Made Active in Reports: 03/31/2014
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 01/21/2014
Date Data Arrived at EDR: 01/22/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/04/2014
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 11/01/2013
Date Made Active in Reports: 01/09/2014
Number of Days to Update: 69

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

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

Date of Government Version: 03/12/2014
Date Data Arrived at EDR: 03/28/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 28

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 01/07/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 04/04/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: N/A

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
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: 11/01/2013
Date Data Arrived at EDR: 12/05/2013
Date Made Active in Reports: 02/17/2014
Number of Days to Update: 74

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/07/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 02/24/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 04/01/2014
Number of Days to Update: 35

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/05/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 02/24/2014	Source: Cortland County Health Department
Date Data Arrived at EDR: 02/25/2014	Telephone: 607-753-5035
Date Made Active in Reports: 04/01/2014	Last EDR Contact: 02/05/2014
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/19/2014
	Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013	Source: Nassau County Health Department
Date Data Arrived at EDR: 11/22/2013	Telephone: 516-571-3314
Date Made Active in Reports: 02/11/2014	Last EDR Contact: 04/07/2014
Number of Days to Update: 81	Next Scheduled EDR Contact: 07/21/2014
	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: 11/04/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/17/2014
	Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013	Source: Nassau County Health Department
Date Data Arrived at EDR: 11/22/2013	Telephone: 516-571-3314
Date Made Active in Reports: 02/11/2014	Last EDR Contact: 04/07/2014
Number of Days to Update: 81	Next Scheduled EDR Contact: 07/21/2014
	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: 11/04/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/17/2014
	Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 12/17/2013	Source: Rockland County Health Department
Date Data Arrived at EDR: 12/18/2013	Telephone: 914-364-2605
Date Made Active in Reports: 02/11/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 55

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 01/30/2014
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/03/2014
Number of Days to Update: 34

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 01/30/2014
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/03/2014
Number of Days to Update: 34

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 03/18/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 36

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 03/18/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 36

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/21/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 02/11/2014
Date Made Active in Reports: 03/11/2014
Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

VACANT LOT
17802 HILLSIDE AVENUE
JAMAICA, NY 11432

TARGET PROPERTY COORDINATES

Latitude (North):	40.7121 - 40° 42' 43.56"
Longitude (West):	73.7848 - 73° 47' 5.28"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	602647.5
UTM Y (Meters):	4507297.0
Elevation:	67 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-F7 JAMAICA, NY
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

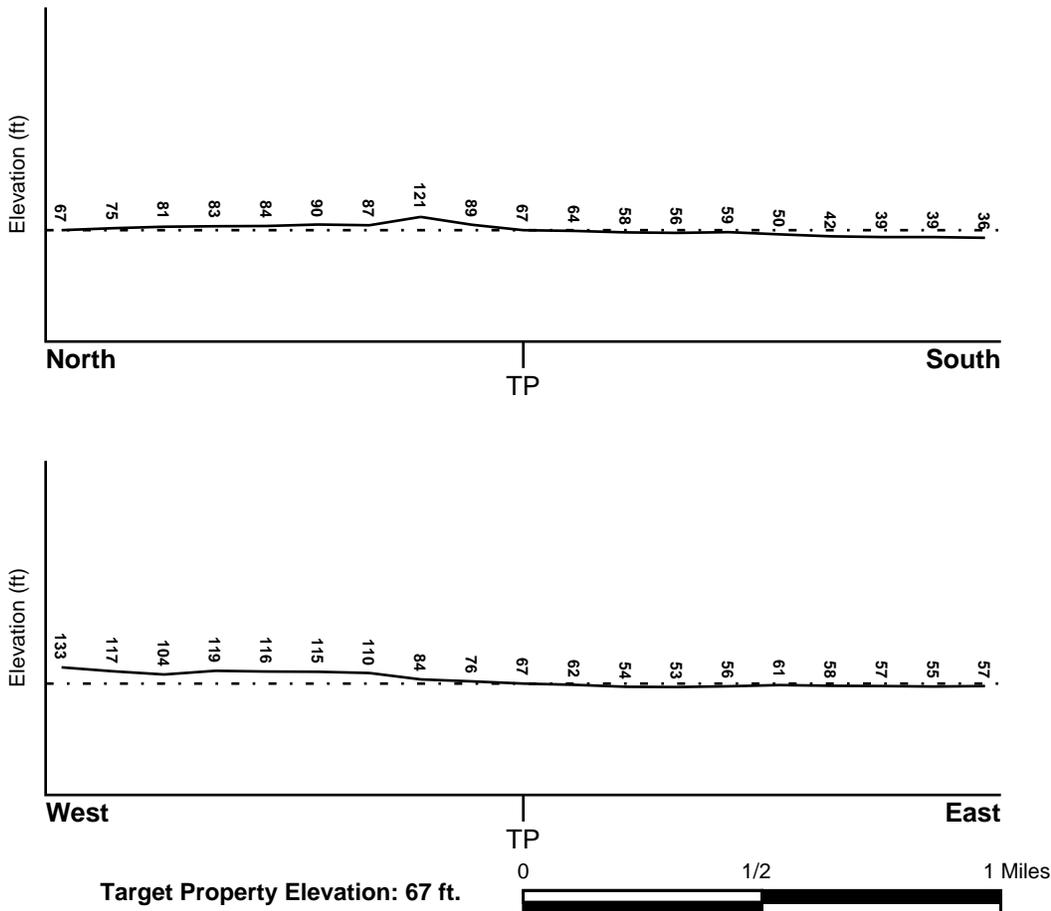
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> QUEENS, NY	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	360497 - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> JAMAICA	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
---	--

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Pleistocene
Code: Qp (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000829319	1/8 - 1/4 Mile SSW
2	USGS40000829304	1/4 - 1/2 Mile ESE
3	USGS40000829451	1/4 - 1/2 Mile West
A4	USGS40000829745	1/2 - 1 Mile NNE
5	USGS40000829127	1/2 - 1 Mile South
A6	USGS40000829744	1/2 - 1 Mile North
B7	USGS40000829588	1/2 - 1 Mile ENE
C8	USGS40000829318	1/2 - 1 Mile ESE
C9	USGS40000829328	1/2 - 1 Mile ESE
13	USGS40000829682	1/2 - 1 Mile NE
14	USGS40000829458	1/2 - 1 Mile West
E15	USGS40000829175	1/2 - 1 Mile SW
E16	USGS40000829176	1/2 - 1 Mile SW
17	USGS40000828890	1/2 - 1 Mile SSE
18	USGS40000829241	1/2 - 1 Mile WSW
19	USGS40000829088	1/2 - 1 Mile SW
22	USGS40000829185	1/2 - 1 Mile WSW
23	USGS40000829049	1/2 - 1 Mile SSW
G24	USGS40000829148	1/2 - 1 Mile SW
H25	USGS40000828891	1/2 - 1 Mile SSE
26	USGS40000828937	1/2 - 1 Mile South
G27	USGS40000829135	1/2 - 1 Mile SW
G28	USGS40000829136	1/2 - 1 Mile SW
G29	USGS40000829110	1/2 - 1 Mile SW
I30	USGS40000829109	1/2 - 1 Mile SW
J31	USGS40000829200	1/2 - 1 Mile WSW
32	USGS40000829788	1/2 - 1 Mile NW
K33	USGS40000829014	1/2 - 1 Mile SSW
J34	USGS40000829201	1/2 - 1 Mile WSW
K35	USGS40000829015	1/2 - 1 Mile SW
H36	USGS40000828936	1/2 - 1 Mile SSE
H37	USGS40000828935	1/2 - 1 Mile SSE
I38	USGS40000829089	1/2 - 1 Mile SW
I39	USGS40000829090	1/2 - 1 Mile SW
L40	USGS40000829114	1/2 - 1 Mile SE
L41	USGS40000829115	1/2 - 1 Mile SE
43	USGS40000829880	1/2 - 1 Mile NW
44	USGS40000828892	1/2 - 1 Mile SSE
M45	USGS40000829469	1/2 - 1 Mile East
N46	USGS40000829527	1/2 - 1 Mile WNW
M47	USGS40000829477	1/2 - 1 Mile East
M48	USGS40000829476	1/2 - 1 Mile East
N50	USGS40000829534	1/2 - 1 Mile West
N51	USGS40000829535	1/2 - 1 Mile WNW
N52	USGS40000829536	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D12	NY0011735	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

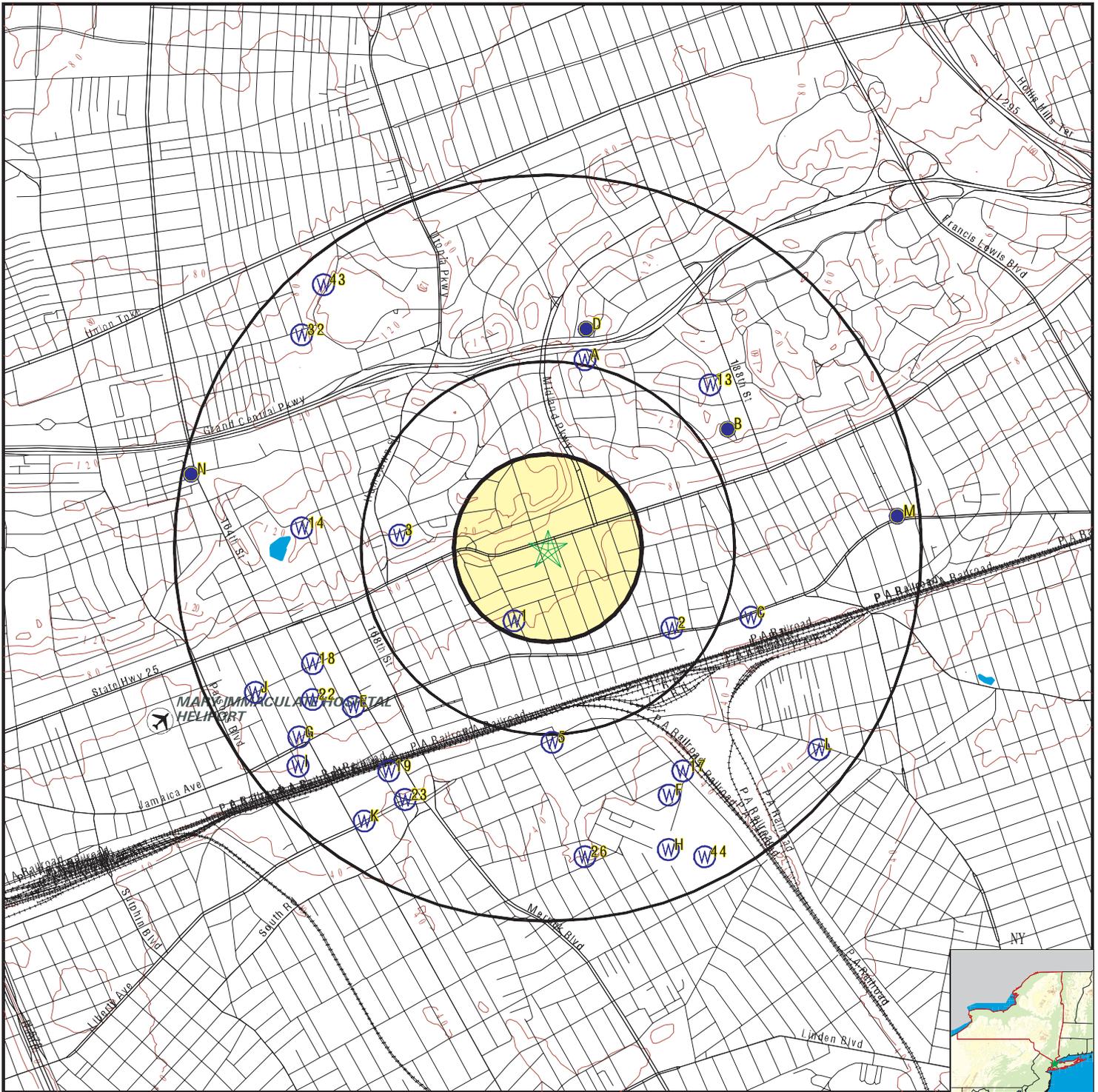
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
---------------	----------------	-----------------------------

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

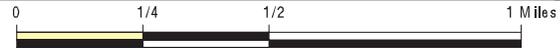
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B10	NYWS006348	1/2 - 1 Mile NE
D11	NYWS006330	1/2 - 1 Mile North
F20	NYWS006394	1/2 - 1 Mile SSE
F21	NYWS006393	1/2 - 1 Mile SSE
M42	NYWS006354	1/2 - 1 Mile East
N49	NYWS006351	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 3925681.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Vacant Lot
 ADDRESS: 17802 Hillside Avenue
 Jamaica NY 11432
 LAT/LONG: 40.7121 / 73.7848

CLIENT: CBRE, Inc.
 CONTACT: Brian S. Ricker
 INQUIRY #: 3925681.2s
 DATE: April 28, 2014 5:38 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
SSW **FED USGS** **USGS40000829319**
1/8 - 1/4 Mile
Lower

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404233073471301		
Monloc name:	Q 3813. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7092695
Longitude:	-73.7865222	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	58.9
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Unconfined single aquifer		
Construction date:	19990729	Welldepth:	75
Welldepth units:	ft	Wellholedepth:	75
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 344

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-11-30		24.06	2004-11-29		24.08
2004-11-25		24.23	2004-11-20		24.12
2004-11-15		24.04	2004-11-10		23.98
2004-11-05		24.12	2004-11-02		24.03
2004-10-30		24.12	2004-10-25		24.05
2004-10-20		23.98	2004-10-15		24.00
2004-10-10		23.91	2004-10-05		23.86
2004-10-01		23.82	2004-09-30		23.79
2004-09-25		23.72	2004-09-20		23.62
2004-09-15		23.65	2004-09-10		23.59
2004-09-05		23.52	2004-09-01		23.54
2004-08-30		23.59	2004-08-25		23.49
2004-08-20		23.56	2004-08-15		23.47
2004-08-10		23.49	2004-08-05		23.48
2004-08-04		23.47	2004-08-03		23.46
2004-07-30		23.37	2004-07-25		23.21
2004-07-20		23.28	2004-07-15		23.35
2004-07-10		23.23	2004-07-05		23.29
2004-06-30		23.23	2004-06-29		23.25
2004-06-28		23.25	2004-06-25		23.25
2004-06-20		23.27	2004-06-15		23.28
2004-06-10		23.34	2004-06-05		23.28
2004-06-03		23.31	2004-05-30		23.29
2004-05-25		23.36	2004-05-20		23.32

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-05-15		23.34	2004-05-10		23.31
2004-05-05		23.29	2004-04-30		23.19
2004-04-28		23.06	2004-04-25		23.10
2004-04-20		23.08	2004-04-15		23.00
2004-04-10		22.89	2004-04-05		22.93
2004-03-30		22.81	2004-03-25		22.68
2004-03-25		22.68	2004-03-20		22.82
2004-03-15		22.84	2004-03-10		22.79
2004-03-05		22.88	2004-02-26		22.79
2004-02-25		22.86	2004-02-20		22.90
2004-02-15		22.81	2004-02-10		22.82
2004-02-05		22.61	2004-02-05		22.61
2004-02-04		22.67	2004-01-30		22.78
2004-01-25		22.62	2004-01-20		22.66
2004-01-15		22.66	2004-01-10		22.55
2004-01-05		22.58	2003-12-30		22.48
2003-12-30		22.48	2003-12-29		22.47
2003-12-25		22.43	2003-12-20		22.33
2003-12-15		22.27	2003-12-10		22.22
2003-12-05		22.16	2003-12-02		22.09
2003-11-30		22.11	2003-11-25		22.07
2003-11-20		22.05	2003-11-15		21.95
2003-11-10		21.92	2003-11-05		21.94
2003-10-30		21.80	2003-10-25		21.73
2003-10-22		21.88	2003-10-20		21.75
2003-10-15		21.85	2003-10-10		21.78
2003-10-05		21.81	2003-09-30		21.75
2003-09-29		21.78	2003-09-28		21.95
2003-09-25		21.88	2003-09-20		21.85
2003-09-15		21.74	2003-09-10		21.82
2003-09-05		21.83	2003-08-30		21.78
2003-08-25		21.74	2003-08-25		21.72
2003-08-24		21.74	2003-08-20		21.73
2003-08-15		21.73	2003-08-10		21.71
2003-08-05		21.70	2003-07-31		21.62
2003-07-30		21.66	2003-07-25		21.62
2003-07-20		21.59	2003-07-15		21.52
2003-07-10		21.54	2003-07-05		21.47
2003-06-30		21.29	2003-06-25		21.22
2003-06-25		21.22	2003-06-24		21.19
2003-06-20		21.08	2003-06-15		20.92
2003-06-10		20.80	2003-06-05		20.67
2003-05-30		20.60	2003-05-28		20.56
2003-05-25		20.50	2003-05-20		20.44
2003-05-15		20.39	2003-05-10		20.44
2003-05-05		20.35	2003-04-30		20.31
2003-04-29		20.36	2003-04-28		20.33
2003-04-25		20.30	2003-04-20		20.22
2003-04-15		20.18	2003-04-10		20.12
2003-04-05		20.09	2003-03-30		20.04
2003-03-25		19.96	2003-03-20		19.88
2003-03-18		19.91	2003-03-15		19.84
2003-03-10		19.78	2003-03-05		19.80
2003-03-04		19.66	2003-03-03		19.70
2003-02-25		19.59	2003-02-20		19.62

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-02-15		19.55	2003-02-10		19.67
2003-02-05		19.58	2003-01-31		19.57
2003-01-30		19.54	2003-01-25		19.51
2003-01-20		19.56	2003-01-15		19.51
2003-01-10		19.42	2003-01-09		19.44
2003-01-08		19.47	2003-01-05		19.32
2002-12-30		19.20	2002-12-25		19.32
2002-12-20		19.15	2002-12-15		19.18
2002-12-10		19.12	2002-12-05		18.97
2002-12-03		19.01	2002-11-30		19.14
2002-11-25		19.00	2002-11-20		18.95
2002-11-15		18.95	2002-11-10		18.93
2002-11-05		18.92	2002-11-05		18.90
2002-11-04		18.91	2002-10-30		18.77
2002-10-25		18.81	2002-10-20		18.78
2002-10-15		18.67	2002-10-10		18.65
2002-10-05		18.65	2002-10-02		18.75
2002-09-30		18.70	2002-09-25		18.73
2002-09-20		18.80	2002-09-15		18.81
2002-09-10		18.92	2002-09-05		18.90
2002-08-30		18.81	2002-08-26		18.67
2002-08-25		18.61	2002-08-20		18.74
2002-08-15		18.76	2002-08-10		18.82
2002-08-05		18.91	2002-07-30		18.97
2002-07-30		18.97	2002-07-29		18.91
2002-07-25		19.03	2002-07-20		19.09
2002-07-15		19.12	2002-07-10		19.16
2002-07-09		19.21	2002-07-05		19.19
2002-06-30		19.21	2002-06-27		19.30
2002-06-25		19.27	2002-06-20		19.25
2002-06-15		19.31	2002-06-10		19.34
2002-06-05		19.37	2002-05-30		19.40
2002-05-25		19.38	2002-05-22		19.33
2002-05-20		19.21	2002-05-15		19.23
2002-05-10		19.23	2002-05-05		19.22
2002-04-30		19.35	2002-04-25		19.32
2002-04-20		19.38	2002-04-15		19.43
2002-04-10		19.35	2002-04-05		19.37
2002-03-30		19.40	2002-03-28		19.51
2002-03-25		19.47	2002-03-20		19.54
2002-03-15		19.50	2002-03-10		19.62
2002-03-05		19.59	2002-02-25		19.66
2002-02-20		19.73	2002-02-20		19.72
2002-02-19		19.69	2002-02-15		19.66
2002-02-10		19.77	2002-02-05		19.76
2002-01-30		19.81	2002-01-25		19.84
2002-01-20		19.97	2002-01-15		19.91
2002-01-10		19.89	2002-01-05		19.93
2001-12-30		20.08	2001-12-25		20.14
2001-12-20		20.05	2001-12-15		20.17
2001-12-10		20.13	2001-12-05		20.02
2001-11-30		19.98	2001-11-27		20.08
2001-11-25		20.10	2001-11-20		20.18
2001-11-15		20.18	2001-11-10		20.22
2001-11-05		20.24	2001-10-30		20.19

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-10-25		20.33	2001-10-20		20.24
2001-10-15		20.29	2001-10-11		20.26
2001-10-10		20.25	2001-10-05		20.32
2001-09-30		20.3	2001-09-25		20.37
2001-09-20		20.31	2001-09-15		20.3
2001-09-10		20.33	2001-09-05		20.36
2001-08-30		20.38	2001-08-25		20.37
2001-08-20		20.44	2001-08-15		20.43
2001-08-10		20.47	2001-08-05		20.43
2001-07-30		20.45	2001-07-27		20.41
2001-07-25		20.51	2001-07-20		20.44
2001-07-15		20.47	2001-07-10		20.51
2001-07-05		20.48	2001-06-30		20.45
2001-06-25		20.39	2001-06-20		20.36
2001-06-20		20.37	2001-06-15		20.35
2001-06-10		20.39	2001-06-05		20.35
2001-05-30		20.35	2001-05-25		20.3
2001-05-20		20.31	2001-05-17		20.33
2001-05-16		20.34	2001-01-18		19.38
2001-01-15		19.41	2001-01-11		19.41
2001-01-04		19.41	2000-12-29		19.42
2000-12-25		19.32	2000-12-18		19.34
2000-12-15		19.25	2000-12-10		19.28
2000-12-05		19.38	2000-11-30		19.39
2000-11-25		19.29	2000-11-21		19.37
2000-11-20		19.38	2000-11-15		19.39
2000-11-10		19.44	2000-11-09		19.38
2000-11-05		19.41	2000-11-03		19.38
2000-10-30		19.41	2000-10-25		19.38
2000-10-23		19.28	2000-10-20		19.38
2000-10-17		19.38	2000-10-15		19.43
2000-10-10		19.43	2000-10-08		19.41
2000-10-05		19.43	2000-06-20		18.94
2000-05-03		18.51	2000-05-03		18.52
2000-03-22		18.37	1999-12-29		18.25
1999-12-28		18.28	1999-12-20		18.19
1999-11-29		18.27	1999-10-20		18.44
1999-09-27		18.43	1999-08-24		18.43

2

ESE

1/4 - 1/2 Mile
Lower

FED USGS

USGS40000829304

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404232073464401		
Monloc name:	Q 248.1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7089918
Longitude:	-73.7784664	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: 1	Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map	
Horiz coord refsys: NAD83	Vert measure val: Not Reported
Vert measure units: Not Reported	Vertacc measure val: Not Reported
Vert accmeasure units: Not Reported	
Vertcollection method: Not Reported	
Vert coord refsys: Not Reported	Countrycode: US
Aquifername: Not Reported	
Formation type: Not Reported	
Aquifer type: Not Reported	
Construction date: Not Reported	Welldepth: Not Reported
Welldepth units: Not Reported	Wellholedepth: Not Reported
Wellholedepth units: Not Reported	

Ground-water levels, Number of Measurements: 58

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1940-11-09		22.36	1940-11-02		22.45
1940-10-26		22.44	1940-10-19		22.40
1940-10-12		22.55	1940-10-05		22.59
1940-09-28		22.61	1940-09-21		22.62
1940-09-14		22.73	1940-09-07		22.82
1940-08-31		22.89	1940-08-24		22.96
1940-08-17		23.07	1940-08-10		23.14
1940-08-03		23.24	1940-07-27		23.32
1940-07-20		23.35	1940-07-13		23.46
1940-07-06		23.51	1940-06-29		23.52
1940-06-22		23.52	1940-06-15		23.61
1940-06-08		23.67	1940-06-01		23.66
1940-05-25		23.58	1940-05-11		23.63
1940-05-04		23.58	1940-04-20		23.36
1940-04-13		23.28	1940-04-06		23.18
1940-03-30		23.21	1940-03-23		23.18
1940-03-16		23.17	1940-03-09		23.24
1940-03-02		23.12	1940-02-24		23.16
1940-02-17		23.16	1940-02-10		23.23
1940-02-03		23.31	1940-01-27		23.36
1940-01-20		23.41	1940-01-13		23.43
1940-01-06		23.48	1939-12-30		23.55
1939-12-23		23.61	1939-12-16		23.67
1939-12-09		23.71	1939-12-02		23.78
1939-11-25		23.81	1939-11-18		23.87
1939-11-11		23.87	1939-11-04		23.71
1939-10-28		23.75	1939-10-21		23.80
1939-10-07		23.87	1939-09-30		23.89
1939-09-16		24.99	1939-09-14		24.99

3

**West
1/4 - 1/2 Mile
Higher**

FED USGS

USGS40000829451

Org. Identifier: USGS-NY	
Formal name: USGS New York Water Science Center	
Monloc Identifier: USGS-404245073473401	
Monloc name: Q 319. 1	
Monloc type: Well	
Monloc desc: 3401	
Huc code: 02030202	Drainagearea value: Not Reported
Drainagearea Units: Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported	Latitude: 40.7126028
Longitude: -73.7923557	Sourcemap scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	123.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	142
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-05-13		3.63	1984-03-26		0.29
1983-03-23		0.27	1968-01-15		-2.70
1967-12-13		-2.70	1961-12-14		-7.70

A4
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40000829745

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404310073470002		
Monloc name:	Q 3014. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7192693
Longitude:	-73.782911	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	110.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Magothy Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	337
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

5
South
1/2 - 1 Mile
Lower

FED USGS USGS40000829127

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404216073470601		
Monloc name:	Q 1437. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7045474
Longitude:	-73.7845777	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 17

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1965-09-15		-2.57	1965-06-07		-0.29
1964-11-10		-0.52	1962-11-08		6.21
1962-05-01		8.30	1962-01-02		6.64
1961-01-11		5.77	1960-01-11		5.37
1959-03-23		6.65	1958-01-29		5.43
1957-01-24		7.27	1950-12-06		10.57
1950-06-09		11.41	1950-05-04		11.25
1949-04-11		16.13	1948-04-26		13.91
1947-05-28		13.63			

**A6
North
1/2 - 1 Mile
Higher**

FED USGS USGS40000829744

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404310073470001		
Monloc name:	Q 2991. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7195471
Longitude:	-73.782911	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	110.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	514
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**B7
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS40000829588

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404259073463401		
Monloc name:	Q 2001. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7164916
Longitude:	-73.7756885	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	119.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	207
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C8
ESE
1/2 - 1 Mile
Lower**

FED USGS USGS40000829318

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404233073463001		
Monloc name:	Q 1423. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7092695
Longitude:	-73.7745774	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	55.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	302
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

C9
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000829328

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404234073462901		
Monloc name:	Q 2356. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7095473
Longitude:	-73.7742996	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	215
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

B10
NE
1/2 - 1 Mile
Higher

NY WELLS NYWS006348

Well Id:	NY7011735	System name:	NEW YORK CITY - GROUNDWATER SYSTEM
System Id:	038	Well name:	WELL #37, Q2001, DEPTH 203.0D=16"
Type:	Well	Active?:	Active
County:	QUEENS BOUROUGH	Latitude:	404301 000
Longitude:	734632 000	Slec_type_:	AC
Agency:	MIELE, SR., JOEL		
Address:	DEPARTMENT OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION ROAD		
City/State/Zip:	CORONA NY 11368-5107		
Phone:	718-595-6500		

D11
North
1/2 - 1 Mile
Higher

NY WELLS NYWS006330

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Id:	NY7011735	System name:	NEW YORK CITY - GROUNDWATER SYSTEM
System Id:	065	Well name:	WELL #58, Q3014, DEPTH 314.3' D=12
Type:	Well	Active?:	Active
County:	QUEENS BOUROUGH	Latitude:	404314 000
Longitude:	734659 000	Slec_type_:	AC
Agency:	MIELE, SR., JOEL		
Address:	DEPARTMENT OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION ROAD		
City/State/Zip:	CORONA NY 11368-5107		
Phone:	718-595-6500		

**D12
North
1/2 - 1 Mile
Higher**

FRDS PWS NY0011735

PWS ID:	NY0011735	
Date Initiated:	Not Reported	Date Deactivated: Not Reported
PWS Name:	JAMAICA WATER SUPPLY COMPANY LAKE SUCCESS, NY 11042	

Addressee / Facility:	System Owner/Responsible Party KOPKE RUSSELL C/O RUSSELL KOPKE, PRESIDENT 410 LAKEVILLE ROAD LAKE SUCCESS, NY 11042
-----------------------	---

Facility Latitude:	40 40 58	Facility Longitude:	073 45 06
Facility Latitude:	40 43 14	Facility Longitude:	073 46 59
Facility Latitude:	40 43 23	Facility Longitude:	073 45 54
Facility Latitude:	40 43 28	Facility Longitude:	073 48 25
Facility Latitude:	40 43 43	Facility Longitude:	073 48 27
Facility Latitude:	40 42 09	Facility Longitude:	073 46 43
Facility Latitude:	40 40 52	Facility Longitude:	073 47 54
Facility Latitude:	40 41 55	Facility Longitude:	073 49 36
Facility Latitude:	40 42 25	Facility Longitude:	073 45 04
Facility Latitude:	40 42 48	Facility Longitude:	073 46 03
Facility Latitude:	40 40 44	Facility Longitude:	073 43 34
Facility Latitude:	40 40 55	Facility Longitude:	073 48 56
Facility Latitude:	40 40 24	Facility Longitude:	073 48 40
Facility Latitude:	40 40 54	Facility Longitude:	073 49 17
Facility Latitude:	40 42 04	Facility Longitude:	073 49 17
Facility Latitude:	40 42 36	Facility Longitude:	073 45 56
Facility Latitude:	40 43 23	Facility Longitude:	073 48 18
Facility Latitude:	40 43 23	Facility Longitude:	073 48 39
Facility Latitude:	40 41 18	Facility Longitude:	073 45 26
Facility Latitude:	40 41 57	Facility Longitude:	073 45 23
Facility Latitude:	40 43 01	Facility Longitude:	073 46 32
Facility Latitude:	40 41 49	Facility Longitude:	073 49 21
Facility Latitude:	40 42 16	Facility Longitude:	073 44 22
Facility Latitude:	40 42 04	Facility Longitude:	073 49 59
Facility Latitude:	40 41 59	Facility Longitude:	073 44 04
Facility Latitude:	40 43 53	Facility Longitude:	073 44 46
Facility Latitude:	40 42 51	Facility Longitude:	073 45 35
Facility Latitude:	40 41 50	Facility Longitude:	073 47 20
Facility Latitude:	40 41 38	Facility Longitude:	073 47 17

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude:	40 42 53	Facility Longitude:	073 48 11
Facility Latitude:	40 41 42	Facility Longitude:	073 44 15
Facility Latitude:	40 41 36	Facility Longitude:	073 44 05
Facility Latitude:	40 42 43	Facility Longitude:	073 44 07
Facility Latitude:	40 42 06	Facility Longitude:	073 44 56
Facility Latitude:	40 43 29	Facility Longitude:	073 45 03
Facility Latitude:	40 41 08	Facility Longitude:	073 48 06
Facility Latitude:	40 42 12	Facility Longitude:	073 49 25
Facility Latitude:	40 40 37	Facility Longitude:	073 44 52
Facility Latitude:	40 41 21	Facility Longitude:	073 49 32
Facility Latitude:	40 43 34	Facility Longitude:	073 44 29
Facility Latitude:	40 42 19	Facility Longitude:	073 49 31
Facility Latitude:	40 43 02	Facility Longitude:	073 45 13
City Served:	FLEMING (T)		
City Served:	LAKE SUCCESS		
Treatment Class	Not Reported	Population:	Not Reported

Violations information not reported.

**13
NE
1/2 - 1 Mile
Higher**

FED USGS USGS40000829682

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404306073463701		
Monloc name:	Q 1985. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.718436
Longitude:	-73.7765219	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	145.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	300
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**14
West
1/2 - 1 Mile
Higher**

FED USGS USGS40000829458

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404246073475201		
Monloc name:	Q 1395. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7128805
Longitude:	-73.7973558	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 18

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1957-01-29		9.47	1952-12-29		14.12
1952-12-08		14.29	1952-11-07		14.77
1952-03-26		14.61	1952-02-21		14.31
1952-01-31		14.12	1951-12-21		13.97
1951-11-29		13.84	1951-11-02		13.79
1951-03-28		13.40	1951-02-27		13.47
1951-01-31		13.36	1950-12-19		13.47
1950-12-06		13.45	1950-05-08		14.58
1947-02-27		16.05	1946-01-08		16.43

**E15
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40000829175

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404221073474201		
Monloc name:	Q 539. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7059362
Longitude:	-73.794578	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	58.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	66
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 66

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1984-06-27		-2.16	1984-02-17		-2.66
1983-03-23		-10.67	1976-03-15		-6.60
1974-05-31		-14.24	1974-04-03		-12.55
1973-04-06		-5.28	1972-03-30		-4.74
1971-03-19		-5.12	1970-03-02		-3.70
1969-03-18		-1.95	1968-03-19		-1.09
1967-03-21		-1.47	1966-04-20		0.23
1965-09-15		0.95	1964-11-18		2.61
1964-02-18		4.50	1962-12-07		7.62
1962-05-01		8.46	1962-01-05		8.16
1961-01-10		7.30	1960-01-11		7.02
1959-03-11		8.65	1958-01-29		7.02
1957-01-29		9.30	1956-01-20		10.65
1954-12-29		11.27	1954-04-26		12.04
1954-02-23		12.47	1954-01-25		12.61
1953-12-19		12.77	1953-11-24		13.21
1953-11-02		12.99	1953-09-28		13.38
1953-06-24		14.76	1953-05-27		14.09
1953-04-28		13.87	1953-03-27		13.60
1953-03-02		13.39	1953-02-12		13.46
1952-12-24		13.75	1952-12-08		13.93
1952-11-07		14.39	1952-09-23		14.96
1952-05-27		14.92	1952-04-30		14.63
1952-03-26		14.46	1952-02-21		14.11
1952-01-31		13.93	1951-12-21		13.75
1951-11-29		13.67	1951-11-02		13.55
1951-05-31		13.76	1951-04-26		13.57
1951-03-28		13.16	1951-02-27		13.25
1951-02-01		13.17	1950-12-19		13.23
1950-12-06		13.22	1950-05-04		14.09
1949-04-11		16.77	1948-12-15		16.07
1948-04-24		15.48	1948-01-17		14.93
1947-05-27		15.90	1946-11-19		16.25

**E16
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40000829176

Org. Identifier:	USGS-NY	Drainagearea value:	Not Reported
Formal name:	USGS New York Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-404221073474301	Latitude:	40.7059362
Monloc name:	Q 113. 1	Sourcemap scale:	24000
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202		
Drainagearea Units:	Not Reported		
Contrib drainagearea units:	Not Reported		
Longitude:	-73.7948558		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: 1 Horiz Collection method: Interpolated from map Horiz coord refsys: NAD83 Vert measure units: Not Reported Vert accmeasure units: Not Reported Vertcollection method: Not Reported Vert coord refsys: Not Reported Aquifername: Not Reported Formation type: Not Reported Aquifer type: Not Reported Construction date: Not Reported Welldepth units: Not Reported Wellholedepth units: Not Reported	Horiz Acc measure units: seconds Vert measure val: Not Reported Vertacc measure val: Not Reported Countrycode: US Welldepth: Not Reported Wellholedepth: Not Reported
--	--

Ground-water levels, Number of Measurements: 7

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1950-05-04		13.94	1949-04-11		16.59
1948-12-15		15.92	1948-04-24		15.33
1948-01-17		15.75	1947-05-27		14.61
1946-11-19		16.05			

17
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000828890

Org. Identifier: USGS-NY Formal name: USGS New York Water Science Center Monloc Identifier: USGS-404155073463802 Monloc name: Q 569. 1 Monloc type: Well Monloc desc: 3802 Huc code: 02030202 Drainagearea Units: Not Reported Contrib drainagearea units: Not Reported Longitude: -73.7779108 Horiz Acc measure: 1 Horiz Collection method: Interpolated from map Horiz coord refsys: NAD83 Vert measure units: feet Vert accmeasure units: feet Vertcollection method: Level or other surveying method Vert coord refsys: NGVD29 Aquifername: Northern Atlantic Coastal Plain aquifer system Formation type: Glacial Aquifer, Upper Aquifer type: Not Reported Construction date: Not Reported Welldepth units: ft Wellholedepth units: Not Reported	Drainagearea value: Not Reported Contrib drainagearea: Not Reported Latitude: 40.7034363 Sourcemap scale: 24000 Horiz Acc measure units: seconds Vert measure val: 37.0 Vertacc measure val: 0.1 Countrycode: US Welldepth: 62 Wellholedepth: Not Reported
--	---

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-05-13		6.43	1984-04-09		5.71
1983-03-23		0.84	1968-01-07		-6.90
1967-11-09		-1.70	1961-12-18		4.30

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

18
WSW **FED USGS** **USGS40000829241**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404226073475201		
Monloc name:	Q 1392. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7076029
Longitude:	-73.7968003	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	361
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 96

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1950-12-19		12.80	1950-11-28		12.80
1950-11-01		12.80	1950-09-25		12.80
1950-08-29		12.80	1950-07-25		12.85
1950-06-27		12.90	1950-05-25		12.92
1950-05-04		12.89	1950-04-26		12.91
1950-03-28		12.90	1950-03-01		12.84
1950-01-24		12.79	1949-12-28		12.74
1949-11-29		12.69	1949-11-01		12.59
1949-09-29		12.54	1949-08-26		12.49
1949-07-27		12.49	1949-07-01		12.45
1949-05-31		12.42	1949-04-06		12.31
1949-02-24		12.11	1949-02-04		12.02
1948-10-09		11.48	1948-10-02		11.50
1948-09-25		11.47	1948-09-18		11.47
1948-09-10		11.49	1948-09-03		11.52
1948-08-27		11.54	1948-08-20		11.56
1948-08-13		11.58	1948-08-07		11.62
1948-07-30		11.65	1948-07-26		11.66
1948-07-16		11.69	1948-07-09		11.76
1948-07-02		11.80	1948-06-25		11.88
1948-06-18		11.95	1948-06-11		12.01
1948-06-04		12.13	1948-05-29		12.55
1948-05-22		12.45	1948-05-15		12.62
1948-05-08		12.92	1948-05-01		12.98

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1948-04-24		12.99	1948-04-17		13.07
1948-04-10		13.24	1948-04-03		13.28
1948-03-27		13.30	1948-03-20		13.36
1948-03-13		13.35	1948-03-06		14.28
1948-02-28		13.32	1948-02-21		12.94
1948-02-14		13.05	1948-02-07		12.76
1948-01-31		12.84	1948-01-17		12.61
1948-01-10		12.35	1947-12-31		12.27
1947-12-20		11.99	1947-12-13		11.22
1947-12-06		11.11	1947-11-29		11.15
1947-11-22		11.01	1947-11-15		10.63
1947-11-08		9.85	1947-11-01		9.78
1947-10-25		9.53	1947-10-18		9.94
1947-10-11		9.79	1947-10-04		8.71
1947-09-27		8.89	1947-09-19		8.01
1947-09-12		7.62	1947-09-05		7.38
1947-08-27		7.34	1947-08-22		7.24
1947-08-08		7.02	1947-08-01		7.04
1947-07-25		6.97	1947-07-18		12.53
1947-07-11		26.17	1947-07-08		26.12
1947-06-20		25.70	1947-06-14		26.15
1947-06-07		26.60	1947-05-31		27.60
1947-05-27		27.49	1947-05-24		27.75
1947-05-17		30.28	1947-05-03		30.06

**19
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40000829088

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404212073473601		
Monloc name:	Q 3989. 1		
Monloc type:	Well		
Monloc desc:	West s/o 165th St., 62 ft s/o LIRR Trestle		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7034363
Longitude:	-73.7929113	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Unconfined single aquifer		
Construction date:	20040428	Welldepth:	45
Welldepth units:	ft	Wellholedepth:	45
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

F20
SSE
 1/2 - 1 Mile
 Lower

NY WELLS NYWS006394

Well Id:	NY7011735	System name:	NEW YORK CITY - GROUNDWATER SYSTEM
System Id:	029	Well name:	WELL #24A,Q569, DEPTH 59.6',D=18"
Type:	Well	Active?:	Active
County:	QUEENS BOUROUGH	Latitude:	404209 000
Longitude:	734643 000	Slec_type_:	AC
Agency:	MIELE, SR., JOEL		
Address:	DEPARTMENT OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION ROAD		
City/State/Zip:	CORONA NY 11368-5107		
Phone:	718-595-6500		

F21
SSE
 1/2 - 1 Mile
 Lower

NY WELLS NYWS006393

Well Id:	NY7011735	System name:	NEW YORK CITY - GROUNDWATER SYSTEM
System Id:	030	Well name:	WELL #24B,Q570,DEPTH 61.0',D=26"
Type:	Well	Active?:	Active
County:	QUEENS BOUROUGH	Latitude:	404209 000
Longitude:	734643 000	Slec_type_:	AC
Agency:	MIELE, SR., JOEL		
Address:	DEPARTMENT OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION ROAD		
City/State/Zip:	CORONA NY 11368-5107		
Phone:	718-595-6500		

22
WSW
 1/2 - 1 Mile
 Lower

FED USGS USGS40000829185

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404222073475001		
Monloc name:	Q 1507. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.706214
Longitude:	-73.7968003	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	58.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	157
Welldepth units:	Not Reported		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

23
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000829049

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404208073473301		
Monloc name:	Q 3987. 1		
Monloc type:	Well		
Monloc desc:	Northwest c/o 165th St. and Liberty Ave.		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7023252
Longitude:	-73.7920779	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83		
Vert measure units:	Not Reported	Vert measure val:	Not Reported
Vert accmeasure units:	Not Reported	Vertacc measure val:	Not Reported
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Unconfined single aquifer		
Construction date:	20040428	Welldepth:	40
Welldepth units:	ft	Wellholeddepth:	42
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

G24
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000829148

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404218073475101		
Monloc name:	Q 1239. 1		
Monloc type:	Well		
Monloc desc:	5101		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7051029
Longitude:	-73.797078	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83		
Vert measure units:	feet	Vert measure val:	50.0
Vert accmeasure units:	feet	Vertacc measure val:	0.1
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
 Construction date: Not Reported
 Welldepth units: Not Reported
 Wellholeddepth units: ft
 Welldepth: Not Reported
 Wellholeddepth: 200

Ground-water levels, Number of Measurements: 0

H25
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000828891

Org. Identifier: USGS-NY
 Formal name: USGS New York Water Science Center
 Monloc Identifier: USGS-404155073463803
 Monloc name: Q 570. 1
 Monloc type: Well
 Monloc desc: 3803
 Huc code: 02030202
 Drainagearea Units: Not Reported
 Contrib drainagearea units: Not Reported
 Longitude: -73.779022
 Horiz Acc measure: 1
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83
 Vert measure units: feet
 Vert accmeasure units: feet
 Vertcollection method: Level or other surveying method
 Vert coord refsys: NGVD29
 Aquifername: Northern Atlantic Coastal Plain aquifer system
 Formation type: Glacial Aquifer, Upper
 Aquifer type: Not Reported
 Construction date: Not Reported
 Welldepth units: ft
 Wellholeddepth units: Not Reported
 Drainagearea value: Not Reported
 Contrib drainagearea: Not Reported
 Latitude: 40.7009363
 Sourcemap scale: 24000
 Horiz Acc measure units: seconds
 Vert measure val: 31.0
 Vertacc measure val: 0.1
 Countrycode: US
 Welldepth: 64
 Wellholeddepth: Not Reported

Ground-water levels, Number of Measurements: 8

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-05-13		7.95	1984-04-09		8.23
1983-03-23		2.92	1981-03-20		26.65
1979-03-15		10.48	1968-01-17		-2.30
1967-12-11		-1.80	1961-12-18		2.80

26
South
1/2 - 1 Mile
Lower

FED USGS USGS40000828937

Org. Identifier: USGS-NY
 Formal name: USGS New York Water Science Center
 Monloc Identifier: USGS-404200073470001
 Monloc name: Q 1251. 1
 Monloc type: Well
 Monloc desc: Not Reported
 Huc code: 02030202
 Drainagearea Units: Not Reported
 Contrib drainagearea units: Not Reported
 Longitude: -73.782911
 Drainagearea value: Not Reported
 Contrib drainagearea: Not Reported
 Latitude: 40.700103
 Sourcemap scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: 1	Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map	
Horiz coord refsys: NAD83	Vert measure val: Not Reported
Vert measure units: Not Reported	Vertacc measure val: Not Reported
Vert accmeasure units: Not Reported	
Vertcollection method: Not Reported	
Vert coord refsys: Not Reported	Countrycode: US
Aquifername: Not Reported	
Formation type: Not Reported	
Aquifer type: Not Reported	
Construction date: Not Reported	Welldepth: 38
Welldepth units: ft	Wellholedepth: Not Reported
Wellholedepth units: Not Reported	

Ground-water levels, Number of Measurements: 268

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----	-----	-----	-----	-----	-----
1964-02-14		6.69	1962-11-08		7.66
1962-04-27		8.70	1962-01-05		7.48
1959-09-18		5.75	1959-03-18		5.63
1956-12-19		6.19	1956-01-20		7.90
1954-12-29		7.67	1954-06-28		7.10
1954-05-24		7.20	1954-04-26		7.30
1954-03-24		7.20	1954-02-23		7.34
1954-01-25		7.54	1953-12-19		7.53
1953-11-23		7.63	1953-11-02		7.76
1953-09-28		8.43	1953-08-17		8.92
1953-07-30		9.27	1953-06-24		10.27
1953-05-27		10.52	1953-04-28		10.21
1953-03-27		8.97	1953-03-02		8.60
1953-02-12		8.48	1952-12-29		8.57
1952-12-08		8.57	1952-11-06		9.22
1952-09-24		10.39	1952-08-27		10.81
1952-07-28		11.05	1952-06-26		11.47
1952-05-27		11.23	1952-05-01		11.30
1952-03-26		11.74	1952-02-21		11.48
1952-01-31		11.08	1951-12-21		10.53
1951-11-30		10.33	1951-10-31		9.69
1951-09-26		9.86	1951-08-29		10.14
1951-07-25		9.96	1951-06-28		10.26
1951-06-01		10.46	1951-05-01		10.66
1951-03-28		10.09	1951-02-26		9.13
1951-01-31		9.24	1950-12-19		8.80
1950-11-28		8.71	1950-11-01		9.04
1950-09-25		9.26	1950-08-29		9.40
1950-07-25		9.49	1950-06-27		9.79
1950-05-25		9.22	1950-04-26		9.33
1950-03-28		9.03	1950-02-27		9.17
1950-01-24		9.18	1949-12-29		9.19
1949-11-29		9.63	1949-10-27		9.77
1949-09-29		10.07	1949-08-26		10.62
1949-07-27		11.06	1949-06-30		11.79
1949-05-31		12.37	1949-04-27		12.92
1949-03-28		13.66	1949-02-24		14.25
1949-01-25		13.76	1948-12-30		12.65
1948-12-08		12.86	1948-11-02		12.97
1948-09-28		13.47	1948-08-31		13.98
1948-07-27		13.86	1948-06-28		13.20

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1948-05-25		13.03	1948-04-27		11.93
1948-03-25		12.21	1948-02-27		11.35
1948-02-06		11.05	1948-01-07		10.75
1947-11-25		10.52	1947-11-03		9.95
1947-10-07		10.17	1947-09-02		10.45
1947-07-30		10.74	1947-07-11		10.93
1947-07-03		11.07	1947-07-02		11.08
1947-07-01		11.09	1947-06-30		11.09
1947-06-25		11.10	1947-05-26		11.33
1947-05-06		11.29	1947-04-03		10.44
1947-03-04		10.27	1947-01-28		10.31
1946-12-30		10.48	1946-11-25		10.75
1946-10-31		10.92	1946-09-26		10.91
1946-08-29		11.35	1946-07-31		11.59
1946-07-08		12.02	1946-06-07		11.49
1946-05-09		10.74	1946-04-02		10.86
1946-03-08		10.85	1946-02-13		11.09
1946-01-11		10.77	1945-12-04		10.38
1945-11-05		10.67	1945-10-09		11.18
1945-09-13		11.59	1945-08-07		12.05
1945-07-03		11.15	1945-06-04		11.37
1945-04-27		11.43	1945-04-03		11.76
1945-03-02		11.81	1945-02-05		11.39
1945-01-04		11.42	1944-12-05		11.09
1944-11-03		11.11	1944-10-03		11.08
1944-09-01		10.34	1944-08-01		10.98
1944-07-03		11.48	1944-05-30		12.14
1944-04-26		11.87	1944-03-28		11.66
1944-02-26		11.39	1944-01-29		11.56
1944-01-01		11.06	1943-11-27		11.23
1943-10-30		10.45	1943-09-25		10.16
1943-08-28		10.48	1943-07-31		10.91
1943-06-28		11.45	1943-05-29		11.84
1943-04-30		12.11	1943-03-27		12.19
1943-02-27		11.89	1943-01-30		11.70
1943-01-02		11.28	1942-12-26		11.20
1942-12-19		11.24	1942-12-12		11.18
1942-12-05		11.09	1942-11-28		11.09
1942-11-21		11.16	1942-11-14		11.23
1942-11-07		11.29	1942-10-31		11.33
1942-10-24		11.41	1942-10-17		11.57
1942-10-10		11.62	1942-10-03		11.56
1942-09-26		11.51	1942-09-19		11.57
1942-09-12		11.58	1942-09-05		11.54
1942-08-29		11.42	1942-08-22		11.25
1942-08-15		11.05	1942-08-08		10.90
1942-08-01		10.75	1942-07-25		10.69
1942-07-18		10.66	1942-07-11		10.63
1942-07-04		10.45	1942-06-27		10.44
1942-06-20		10.50	1942-06-13		10.53
1942-06-06		10.53	1942-05-30		10.60
1942-05-23		10.60	1942-05-16		10.56
1942-05-09		10.61	1942-05-02		10.57
1942-04-25		10.64	1942-04-18		10.61
1942-04-11		10.51	1942-04-04		10.43

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-03-28		10.42	1942-03-21		10.34
1942-03-14		10.21	1942-03-07		10.05
1942-02-28		9.91	1942-02-21		9.92
1942-02-14		9.85	1942-02-07		9.96
1942-01-31		9.99	1942-01-24		10.06
1942-01-17		10.14	1942-01-10		10.21
1942-01-03		10.30	1941-12-27		10.36
1941-12-20		10.43	1941-12-13		10.36
1941-12-06		10.42	1941-11-29		10.49
1941-11-22		10.54	1941-11-15		10.75
1941-11-08		10.67	1941-11-01		10.83
1941-10-25		10.81	1941-10-18		10.92
1941-10-11		11.00	1941-10-04		11.09
1941-09-27		11.18	1941-09-20		11.30
1941-09-13		11.44	1941-09-06		11.52
1941-08-30		11.59	1941-08-23		11.60
1941-08-16		11.66	1941-08-09		11.77
1941-08-02		11.84	1941-07-26		11.92
1941-07-19		11.93	1941-07-12		11.97
1941-07-05		11.90	1941-06-28		11.97
1941-06-21		12.08	1941-06-14		11.99
1941-06-07		12.06	1941-05-31		12.06
1941-05-24		12.12	1941-05-17		12.17
1941-05-10		12.23	1941-05-03		12.29
1941-04-26		12.41	1941-04-19		12.57
1941-04-12		12.82	1941-04-05		12.62
1941-03-29		12.61	1941-03-22		12.66
1941-03-15		12.85	1941-03-08		12.58
1941-03-01		12.55	1941-02-22		12.48
1941-02-15		12.22	1941-02-08		11.58
1941-02-01		11.83	1941-01-25		11.99
1941-01-18		11.74	1941-01-11		11.91
1941-01-04		11.86	1940-12-28		11.88
1940-12-21		12.01	1940-12-14		12.45
1940-12-07		12.27	1940-11-30		12.37
1940-11-23		12.55	1940-11-16		12.39
1940-11-09		12.64	1940-11-02		12.57
1940-10-26		12.83	1940-10-19		13.02

**G27
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40000829135

Org. Identifier:	USGS-NY	Drainagearea value:	Not Reported
Formal name:	USGS New York Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-404217073475301	Latitude:	40.7048251
Monloc name:	Q 143. 1	Sourcemap scale:	24000
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202		
Drainagearea Units:	Not Reported		
Contrib drainagearea units:	Not Reported		
Longitude:	-73.7976336		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: 1	Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map	
Horiz coord refsys: NAD83	Vert measure val: Not Reported
Vert measure units: Not Reported	Vertacc measure val: Not Reported
Vert accmeasure units: Not Reported	
Vertcollection method: Not Reported	
Vert coord refsys: Not Reported	Countrycode: US
Aquifername: Not Reported	
Formation type: Not Reported	
Aquifer type: Not Reported	
Construction date: Not Reported	Welldepth: Not Reported
Welldepth units: Not Reported	Wellholedepth: Not Reported
Wellholedepth units: Not Reported	

Ground-water levels, Number of Measurements: 7

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1950-05-05		13.40	1949-04-11		16.01
1948-12-15		15.27	1948-04-24		16.76
1948-01-17		16.34	1947-05-27		15.30
1946-11-19		15.46			

G28
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000829136

Org. Identifier: USGS-NY	
Formal name: USGS New York Water Science Center	
Monloc Identifier: USGS-404217073475401	
Monloc name: Q 1275. 1	
Monloc type: Well	
Monloc desc: Not Reported	
Huc code: 02030202	Drainagearea value: Not Reported
Drainagearea Units: Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported	Latitude: 40.7048251
Longitude: -73.7979114	Sourcemap scale: 24000
Horiz Acc measure: 1	Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map	
Horiz coord refsys: NAD83	Vert measure val: 50.0
Vert measure units: feet	Vertacc measure val: 0.1
Vert accmeasure units: feet	
Vertcollection method: Level or other surveying method	
Vert coord refsys: NGVD29	Countrycode: US
Aquifername: Not Reported	
Formation type: Not Reported	
Aquifer type: Not Reported	
Construction date: Not Reported	Welldepth: Not Reported
Welldepth units: Not Reported	Wellholedepth: 161
Wellholedepth units: ft	

Ground-water levels, Number of Measurements: 0

G29
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000829110

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404214073475202		
Monloc name:	Q 1035. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7042696
Longitude:	-73.7973558	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	62.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	277
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1950-12-06		16.52	1950-05-04		13.11
1949-04-11		15.97	1949-01-03		14.88
1947-05-27		14.61	1946-11-19		14.96

**I30
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40000829109

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404214073475201		
Monloc name:	Q 102. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7039918
Longitude:	-73.7973558	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1950-05-04		12.97	1949-04-11		15.62
1949-01-03		14.68			

J31
WSW
1/2 - 1 Mile
Lower

FED USGS USGS40000829200

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404223073471601		
Monloc name:	Q 557. 1		
Monloc type:	Well		
Monloc desc:	NEW: Q 1843. 1		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7064918
Longitude:	-73.7995781	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	58.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Magothy Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	197
Welldepth units:	ft	Wellholeddepth:	197
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 9

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1950-05-08		-23.70			
Note: The site was being pumped.					
1949-04-11		-15.66	1948-04-22		-15.60
1948-01-19		-14.70			
1947-08-01		-9.90			
Note: The site was being pumped.					
1947-07-14		-6.20			
Note: The site was being pumped.					
1947-07-03		-10.80			
Note: The site was being pumped.					
1947-07-01		-10.80			
Note: The site was being pumped.					
1947-06-27		-6.80			
Note: The site was being pumped.					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

32
NW
1/2 - 1 Mile
Higher

FED USGS USGS40000829788

Org. Identifier:	USGS-NY	Drainagearea value:	Not Reported
Formal name:	USGS New York Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-404313073475201	Latitude:	40.7203804
Monloc name:	Q 3659. 1	Sourcemap scale:	24000
Monloc type:	Well	Horiz Acc measure units:	seconds
Monloc desc:	5201		
Huc code:	02030201	Vert measure val:	91.4
Drainagearea Units:	Not Reported	Vertacc measure val:	0.1
Contrib drainagearea units:	Not Reported		
Longitude:	-73.7973558	Countrycode:	US
Horiz Acc measure:	1		
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83		
Vert measure units:	feet		
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29		
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	19930406	Welldepth:	125
Welldepth units:	ft	Wellholedepth:	125
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 451

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2005-02-01		24.72	2005-01-30		24.95
2005-01-25		24.88	2005-01-20		24.97
2005-01-15		24.39	2005-01-10		24.85
2005-01-05		24.80	2005-01-05		24.78
2005-01-04		24.79	2004-12-30		24.52
2004-12-25		24.55	2004-12-20		24.66
2004-12-15		24.34	2004-12-10		24.78
2004-12-05		24.50	2004-11-30		24.50
2004-11-29		24.42	2004-11-28		24.81
2004-11-25		24.94	2004-11-20		24.55
2004-11-15		24.50	2004-11-10		24.27
2004-11-05		24.61	2004-11-02		24.41
2004-10-30		24.58	2004-10-25		24.36
2004-10-20		24.24	2004-10-15		24.44
2004-10-10		24.35	2004-10-05		24.05
2004-10-01		24.02	2004-09-30		24.08
2004-09-25		24.17	2004-09-20		23.94
2004-09-15		24.02	2004-09-10		23.93
2004-09-05		23.82	2004-09-01		23.82
2004-08-30		23.90	2004-08-25		23.70
2004-08-20		23.83	2004-08-15		23.64
2004-08-10		23.73	2004-08-05		23.71
2004-08-04		23.76	2004-08-03		23.77
2004-07-30		23.58	2004-07-25		23.46

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-07-20		23.51	2004-07-15		23.61
2004-07-10		23.41	2004-07-05		23.56
2004-06-30		23.36	2004-06-29		23.40
2004-06-28		23.40	2004-06-25		23.38
2004-06-20		23.30	2004-06-15		23.36
2004-06-10		23.39	2004-06-05		23.24
2004-06-03		23.16	2004-05-30		23.20
2004-05-25		23.20	2004-05-20		23.12
2004-05-15		23.22	2004-05-10		23.16
2004-05-05		23.12	2004-04-30		23.02
2004-04-28		22.83	2004-04-25		22.79
2004-04-20		22.91	2004-04-15		22.85
2004-04-10		22.80	2004-04-05		22.92
2004-03-30		22.96	2004-03-25		22.74
2004-03-25		22.74	2004-03-20		22.94
2004-03-15		22.93	2004-03-10		22.72
2004-03-05		22.98	2004-02-26		22.62
2004-02-25		22.73	2004-02-20		22.86
2004-02-15		22.58	2004-02-10		22.78
2004-02-09		22.52	2004-02-08		22.45
2004-02-05		22.41	2004-01-30		22.76
2004-01-25		22.35	2004-01-20		22.44
2004-01-15		22.65	2004-01-10		22.35
2004-01-05		22.56	2003-12-30		22.54
2003-12-30		22.54	2003-12-29		22.49
2003-12-25		22.45	2003-12-20		22.26
2003-12-15		22.44	2003-12-10		22.42
2003-12-05		22.41	2003-12-03		22.03
2003-11-30		22.21	2003-11-25		22.21
2003-11-20		22.49	2003-11-15		22.07
2003-11-10		22.14	2003-11-05		22.14
2003-10-30		21.75	2003-10-25		21.70
2003-10-22		22.05	2003-10-20		21.81
2003-10-15		21.97	2003-10-10		21.65
2003-10-05		21.55	2003-09-30		21.22
2003-09-29		21.30	2003-09-28		21.45
2003-09-25		21.37	2003-09-20		21.40
2003-09-15		21.64	2003-09-10		21.50
2003-09-05		21.47	2003-08-30		21.38
2003-08-25		21.44	2003-08-25		21.44
2003-08-24		21.36	2003-08-20		21.32
2003-08-15		21.33	2003-08-10		21.17
2003-08-05		21.13	2003-07-31		20.88
2003-07-30		20.79	2003-07-25		20.69
2003-07-20		20.73	2003-07-15		20.66
2003-07-10		20.55	2003-07-05		20.50
2003-06-30		20.39	2003-06-25		20.32
2003-06-25		20.32	2003-06-24		20.23
2003-06-20		20.12	2003-06-15		20.15
2003-06-10		20.01	2003-06-05		19.88
2003-05-30		20.03	2003-05-28		20.12
2003-05-25		19.86	2003-05-20		19.80
2003-05-15		19.48	2003-05-10		19.66
2003-05-05		19.45	2003-04-30		19.24
2003-04-29		19.40	2003-04-28		19.35

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-04-25		19.29	2003-04-20		19.28
2003-04-15		19.24	2003-04-10		19.05
2003-04-05		19.04	2003-03-30		19.00
2003-03-25		18.79	2003-03-20		18.65
2003-03-18		18.72	2003-03-15		18.64
2003-03-10		18.40	2003-03-05		18.49
2003-03-04		18.27	2003-03-03		18.24
2003-02-25		17.97	2003-02-20		18.20
2003-02-15		17.97	2003-02-10		18.35
2003-02-05		17.83	2003-01-31		18.07
2003-01-30		17.84	2003-01-25		17.86
2003-01-20		18.03	2003-01-15		17.82
2003-01-10		17.75	2003-01-09		17.86
2003-01-08		18.12	2003-01-05		17.65
2002-12-30		17.53	2002-12-25		18.10
2002-12-20		18.02	2002-12-15		17.56
2002-12-10		17.61	2002-12-05		17.64
2002-12-03		17.19	2002-11-30		17.79
2002-11-25		17.39	2002-11-20		17.43
2002-11-15		17.46	2002-11-10		17.56
2002-11-05		17.43	2002-11-05		17.33
2002-11-04		17.46	2002-10-30		17.51
2002-10-25		17.37	2002-10-20		17.35
2002-10-15		17.37	2002-10-10		17.25
2002-10-05		17.39	2002-10-02		17.39
2002-09-30		17.22	2002-09-25		17.17
2002-09-20		17.26	2002-09-15		17.25
2002-09-10		17.49	2002-09-05		17.29
2002-08-30		17.30	2002-08-26		17.31
2002-08-25		17.41	2002-08-20		17.35
2002-08-15		17.42	2002-08-10		17.49
2002-08-05		17.69	2002-07-30		17.65
2002-07-30		17.66	2002-07-29		17.72
2002-07-25		17.59	2002-07-20		17.63
2002-07-15		17.86	2002-07-10		17.82
2002-07-05		17.78	2002-06-30		17.71
2002-06-27		17.94	2002-06-25		17.81
2002-06-20		17.67	2002-06-15		17.94
2002-06-10		17.83	2002-06-05		17.92
2002-05-30		18.10	2002-05-25		18.04
2002-05-22		18.22	2002-05-20		18.26
2002-05-15		18.25	2002-05-10		18.41
2002-05-05		18.36	2002-04-30		18.50
2002-04-25		18.60	2002-04-20		18.61
2002-04-15		18.67	2002-04-10		18.46
2002-04-05		18.60	2002-03-30		18.77
2002-03-28		18.72	2002-03-25		18.52
2002-03-20		18.79	2002-03-15		18.79
2002-03-10		18.92	2002-03-05		18.63
2002-02-25		18.95	2002-02-21		19.17
2002-02-20		19.09	2002-02-15		19.09
2002-02-10		19.19	2002-02-05		19.00
2002-01-30		19.02	2002-01-25		19.01
2002-01-20		19.12	2002-01-15		19.23
2002-01-10		19.20	2002-01-05		19.17

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-12-30		19.16	2001-12-25		19.20
2001-12-20		19.35	2001-12-15		19.14
2001-12-10		19.15	2001-12-05		19.31
2001-11-30		19.46	2001-11-27		19.44
2001-11-25		19.41	2001-11-20		19.52
2001-11-15		19.48	2001-11-10		19.54
2001-11-05		19.50	2001-10-30		19.28
2001-10-25		19.57	2001-10-20		19.44
2001-10-15		19.43	2001-10-11		19.43
2001-10-10		19.37	2001-10-05		19.48
2001-09-30		19.42	2001-09-25		19.51
2001-09-20		19.43	2001-09-15		19.38
2001-09-10		19.44	2001-09-05		19.34
2001-08-30		19.34	2001-08-25		19.28
2001-08-20		19.4	2001-08-15		19.27
2001-08-10		19.33	2001-08-05		19.21
2001-07-31		19.22	2001-07-30		19.31
2001-07-25		19.36	2001-07-20		19.27
2001-07-15		19.26	2001-07-10		19.39
2001-07-05		19.37	2001-06-30		19.33
2001-06-25		19.09	2001-06-21		19.08
2001-06-20		19.14	2001-06-15		19.05
2001-06-10		19.04	2001-06-05		18.95
2001-05-30		18.93	2001-05-25		18.77
2001-05-20		18.65	2001-05-17		18.69
2001-05-15		18.86	2001-05-10		18.81
2001-05-05		18.64	2001-04-30		18.66
2001-04-25		18.41	2001-04-20		18.33
2001-04-15		18.56	2001-04-10		18.29
2001-04-05		18.25	2001-03-30		18.44
2001-03-26		18.26	2001-03-25		18.12
2001-03-20		18.07	2001-03-15		18.18
2001-03-10		18.25	2001-03-05		18.65
2001-02-25		18.52	2001-02-20		18.56
2001-02-15		18.57	2001-02-10		18.59
2001-02-05		18.75	2001-01-30		18.73
2001-01-25		18.5	2001-01-20		18.48
2001-01-15		18.57	2001-01-10		18.44
2001-01-05		18.75	2000-12-30		18.85
2000-12-25		18.45	2000-12-20		18.58
2000-12-15		18.4	2000-12-10		18.54
2000-12-07		18.78	2000-11-30		18.69
2000-10-23		18.39	2000-06-20		17.55
2000-05-03		17.12	2000-04-30		17.26
2000-04-25		17.27	2000-04-20		17.34
2000-04-15		17.43	2000-04-10		17.11
2000-04-05		17.35	2000-03-30		17.22
2000-03-25		17.53	2000-03-22		17.24
2000-03-20		17.25	2000-03-15		17.25
2000-03-10		17.14	2000-03-05		17.33
2000-02-25		17.41	2000-02-20		17.42
2000-02-15		17.42	2000-02-10		17.72
2000-02-05		17.93	2000-01-30		17.93
2000-01-25		18.26	2000-01-20		17.91
2000-01-15		17.31	2000-01-10		17.66

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-01-05		17.04	1999-12-30		17.12
1999-12-29		17.06	1999-12-25		16.98
1999-12-20		17.19	1999-12-15		17.13
1999-12-10		17.4	1999-12-05		17.2
1999-11-30		17.03	1999-11-25		17.18
1999-11-20		17.26	1999-11-15		17.38
1999-11-10		17.39	1999-11-05		17.15
1999-10-30		17.14	1999-10-25		17.11
1999-10-20		17.37	1999-10-15		17.13
1999-10-10		17.49	1999-10-06		17.46
1999-07-21		17.56	1999-04-05		17.75
1999-03-31		18.03	1998-10-05		18.71
1998-10-01		18.83	1998-07-14		18.71
1998-06-09		18.03	1998-05-07		18.29
1998-04-29		18.27	1998-03-27		18.63
1998-02-26		18.62	1998-01-27		18.96
1997-12-30		19.83	1997-11-28		19.56
1997-10-31		19.83	1997-09-26		20.20
1997-07-25		20.30	1997-06-23		20.56
1997-05-22		20.27	1997-03-18		19.78
1997-02-28		19.45	1997-01-29		19.20
1996-09-30		18.29	1996-07-03		17.89
1996-04-25		17.14	1996-03-12		17.00
1996-01-30		16.66	1995-11-30		16.30
1995-09-28		16.52	1995-07-25		16.54
1995-07-20		16.52	1995-05-24		16.50
1995-03-17		16.63	1995-01-24		16.54
1994-12-21		16.57	1994-10-26		16.88
1994-09-22		16.94	1994-08-25		16.90
1994-07-25		16.78	1994-06-30		16.61
1994-05-19		16.33	1994-04-22		16.20
1994-03-24		16.16	1994-02-25		16.04
1994-02-01		16.11	1993-12-28		15.98
1993-11-24		16.30	1993-10-28		16.25
1993-09-21		15.95	1993-08-23		15.76
1993-06-23		15.84	1993-05-24		15.91
1993-04-29		15.84			

K33
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000829014

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404205073474001		
Monloc name:	Q 3161. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7014919
Longitude:	-73.7940224	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	45.6
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	65
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 34

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-10-29		10.79	1987-09-30		10.79
1987-08-25		10.54	1987-07-29		10.64
1987-06-24		10.46	1987-05-26		10.31
1987-04-30		10.09	1987-03-26		9.65
1987-02-26		9.26	1987-01-29		9.00
1986-12-17		8.38	1986-11-26		8.15
1986-10-29		8.05	1986-10-01		8.13
1986-08-21		8.12	1986-07-24		8.04
1986-06-30		18.09	1986-05-19		8.22
1986-04-22		8.22	1986-04-02		8.26
1986-02-28		8.01	1986-01-16		7.81
1985-12-17		7.61	1985-11-18		7.75
1985-10-23		7.81	1985-09-25		7.77
1985-08-21		7.99	1985-07-25		7.94
1985-05-15		7.99	1984-12-17		8.74
1984-10-11		9.24	1984-06-27		8.74
1984-03-28		6.81	1984-03-02		6.39

J34
WSW
1/2 - 1 Mile
Lower

FED USGS USGS40000829201

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404223073480101		
Monloc name:	Q 302. 1		
Monloc type:	Well		
Monloc desc:	NEW: Q 1839. 1		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7064918
Longitude:	-73.7998559	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
 Construction date: Not Reported
 Welldepth units: ft
 Wellholeddepth units: Not Reported
 Welldepth: 97
 Wellholeddepth: Not Reported

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1950-05-08		10.00	1950-05-04		10.30
1949-04-11		12.30	1948-04-22		10.00
1948-01-19		4.20			

K35
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000829015

Org. Identifier: USGS-NY
 Formal name: USGS New York Water Science Center
 Monloc Identifier: USGS-404205073474101
 Monloc name: Q 3988. 1
 Monloc type: Well
 Monloc desc: Northeast c/o Guy R. Brewer Blvd. and Liberty Ave.
 Huc code: 02030202
 Drainagearea Units: Not Reported
 Contrib drainagearea units: Not Reported
 Longitude: -73.7943002
 Horiz Acc measure: 1
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83
 Vert measure units: feet
 Vert accmeasure units: feet
 Vertcollection method: Level or other surveying method
 Vert coord refsys: NGVD29
 Aquifername: Northern Atlantic Coastal Plain aquifer system
 Formation type: Glacial Aquifer, Upper
 Aquifer type: Unconfined single aquifer
 Construction date: 20040428
 Welldepth units: ft
 Wellholeddepth units: ft
 Drainagearea value: Not Reported
 Contrib drainagearea: Not Reported
 Latitude: 40.7014919
 Sourcemap scale: 24000
 Horiz Acc measure units: seconds
 Vert measure val: 53
 Vertacc measure val: 1
 Countrycode: US
 Welldepth: 50
 Wellholeddepth: 52

Ground-water levels, Number of Measurements: 0

H36
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000828936

Org. Identifier: USGS-NY
 Formal name: USGS New York Water Science Center
 Monloc Identifier: USGS-404200073464402
 Monloc name: Q 571. 1
 Monloc type: Well
 Monloc desc: Not Reported
 Huc code: 02030202
 Drainagearea Units: Not Reported
 Contrib drainagearea units: Not Reported
 Longitude: -73.7784664
 Drainagearea value: Not Reported
 Contrib drainagearea: Not Reported
 Latitude: 40.700103
 Sourcemap scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: 1	Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map	
Horiz coord refsys: NAD83	Vert measure val: 30.0
Vert measure units: feet	Vertacc measure val: 0.1
Vert accmeasure units: feet	
Vertcollection method: Level or other surveying method	
Vert coord refsys: NGVD29	Countrycode: US
Aquifername: Not Reported	
Formation type: Not Reported	
Aquifer type: Not Reported	
Construction date: Not Reported	Welldepth: Not Reported
Welldepth units: Not Reported	Wellholedepth: 632
Wellholedepth units: ft	

Ground-water levels, Number of Measurements: 0

H37
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000828935

Org. Identifier: USGS-NY	
Formal name: USGS New York Water Science Center	
Monloc Identifier: USGS-404200073464401	
Monloc name: Q 556. 1	
Monloc type: Well	
Monloc desc: Not Reported	
Huc code: 02030202	Drainagearea value: Not Reported
Drainagearea Units: Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported	Latitude: 40.700103
Longitude: -73.7784664	Sourcemap scale: 24000
Horiz Acc measure: 1	Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map	
Horiz coord refsys: NAD83	Vert measure val: 32.0
Vert measure units: feet	Vertacc measure val: 0.1
Vert accmeasure units: feet	
Vertcollection method: Level or other surveying method	
Vert coord refsys: NGVD29	Countrycode: US
Aquifername: Not Reported	
Formation type: Not Reported	
Aquifer type: Not Reported	
Construction date: Not Reported	Welldepth: Not Reported
Welldepth units: Not Reported	Wellholedepth: 423
Wellholedepth units: ft	

Ground-water levels, Number of Measurements: 0

I38
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000829089

Org. Identifier: USGS-NY	
Formal name: USGS New York Water Science Center	
Monloc Identifier: USGS-404212073475301	
Monloc name: Q 3118. 1	
Monloc type: Well	
Monloc desc: Not Reported	
Huc code: 02030202	Drainagearea value: Not Reported
Drainagearea Units: Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported	Latitude: 40.7034363
Longitude: -73.7976336	Sourcemap scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	59.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	69
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 62

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-06-20		0.00			
Note: Well was plugged and not in hydraulic contact with formation..					
1985-05-20	6.66		1985-04-22		7.19
1985-03-22	7.33		1985-02-21		7.72
1985-01-30	7.93		1984-12-19		7.88
1984-11-26	7.75		1984-10-23		8.20
1984-09-24	8.54		1984-08-27		8.72
1984-07-23	7.83		1984-06-20		7.60
1984-05-23	7.06		1984-04-23		6.59
1984-03-26	5.83		1984-03-01		5.67
1984-01-23	4.71		1983-12-19		4.63
1983-11-21	4.83		1983-10-21		4.71
1983-09-20	4.40		1983-08-22		4.47
1983-07-25	4.43		1983-06-21		3.42
1983-05-23	3.63		1983-04-21		3.23
1983-03-23	2.68		1983-01-24		2.06
1983-01-04	2.28		1982-12-06		2.50
1982-10-20	3.15		1982-09-20		2.23
1982-08-19	2.63		1982-07-21		2.83
1982-06-23	2.99		1982-05-18		3.12
1982-04-22	2.53		1982-03-22		2.43
1982-02-24	2.29		1982-01-25		2.14
1981-12-21	0.83		1981-11-24		0.62
1981-10-27	0.33		1981-09-21		0.62
1981-08-24	0.78		1981-07-20		1.08
1981-06-22	0.92		1981-05-21		0.93
1981-04-21	1.07		1981-03-23		0.79
1981-02-25	1.04		1981-01-26		1.63
1980-12-24	1.96		1980-11-24		2.34
1980-10-21	2.96		1980-09-22		3.03
1980-07-21	2.83		1980-06-20		3.04
1980-05-21	3.18		1980-04-22		3.13
1980-02-11	2.56				

**I39
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40000829090

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404212073475303		
Monloc name:	Q 1965. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7034363
Longitude:	-73.7976336	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	36.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	263
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**L40
SE
1/2 - 1 Mile
Lower**

FED USGS USGS40000829114

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404215073461701		
Monloc name:	Q 1250. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7042696
Longitude:	-73.7709662	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	37.5
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	26
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 318

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1959-09-01		11.90	1959-08-03		12.10
1959-06-30		12.41	1959-06-01		12.50
1959-05-07		12.58	1959-03-31		12.73
1959-03-03		12.77	1959-01-28		12.91
1959-01-05		13.07	1958-12-08		13.24
1958-11-04		13.48	1958-09-30		13.92
1958-08-26		14.45	1958-07-25		15.37
1958-06-27		14.72	1958-05-27		14.18
1958-04-30		13.55	1958-04-01		12.83
1958-03-04		12.14	1958-01-24		12.07
1957-12-23		11.82	1957-11-27		11.95
1957-10-29		12.23	1957-09-25		12.58
1957-08-23		13.17	1957-07-24		13.83
1957-06-26		14.30	1957-05-27		14.50
1957-04-24		14.14	1957-03-26		13.77
1957-02-26		13.65	1957-01-24		13.65
1956-12-19		13.82	1956-11-28		13.99
1956-10-26		14.37	1956-10-01		14.74
1956-08-31		14.24	1956-07-31		15.64
1956-07-03		15.87	1956-06-04		16.01
1956-05-03		15.80	1956-03-05		15.20
1956-02-03		15.32	1955-12-23		15.74
1955-11-07		15.79	1955-10-05		16.00
1955-08-26		18.44	1955-07-28		15.13
1955-06-24		15.78	1955-05-24		16.07
1955-04-28		16.20	1955-03-29		16.02
1955-02-25		16.24	1955-01-26		16.07
1954-12-29		15.87	1954-11-30		15.87
1954-10-27		16.12	1954-09-22		16.59
1954-08-23		16.43	1954-07-27		16.86
1954-06-28		17.26	1954-05-24		17.51
1954-04-26		17.52	1954-03-24		17.50
1954-02-23		17.67	1954-01-25		17.84
1953-12-19		17.98	1953-11-23		17.94
1953-11-02		18.07	1953-09-28		18.61
1953-08-26		19.84	1953-08-17		19.46
1953-07-30		19.74	1953-06-24		20.25
1953-05-27		20.33	1953-04-28		20.00
1953-03-27		19.12	1953-03-02		18.27
1953-02-12		18.18	1952-12-29		18.08
1952-12-08		18.09	1952-11-06		18.44
1952-09-24		19.06	1952-08-27		19.37
1952-07-28		19.59	1952-06-26		20.00
1952-05-27		19.80	1952-05-01		19.78
1952-03-26		19.92	1952-02-21		19.74
1952-01-31		19.45	1951-12-21		18.99
1951-11-30		18.87	1951-10-30		18.26
1951-10-08		18.39	1951-09-26		18.53
1951-08-29		18.69	1951-07-25		18.71
1951-06-28		18.90	1951-06-01		18.92
1951-05-01		18.87	1951-03-28		18.37
1951-02-26		17.83	1951-01-31		17.55
1950-12-19		17.33	1950-11-28		17.36
1950-11-01		17.71	1950-09-25		18.10
1950-08-29		18.33	1950-07-25		18.40

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1950-06-27		18.48	1950-05-25		18.43
1950-04-26		18.63	1950-03-28		18.73
1950-02-27		19.03	1950-01-25		18.88
1949-12-28		19.03	1949-11-29		19.46
1949-10-27		19.74	1949-09-29		20.11
1949-08-26		20.63	1949-07-26		20.79
1949-06-30		21.46	1949-05-31		21.87
1949-04-27		22.00	1949-03-28		22.18
1949-02-24		21.98	1949-01-25		21.57
1948-12-30		20.64	1948-12-08		20.82
1948-11-02		21.13	1948-09-28		21.61
1948-08-31		22.52	1948-07-27		22.26
1948-06-28		21.56	1948-05-25		21.54
1948-04-27		21.35	1948-03-25		20.76
1948-02-27		20.47	1948-02-06		20.47
1948-01-07		19.79	1947-11-25		20.08
1947-11-03		19.72	1947-10-07		19.67
1947-09-03		20.02	1947-07-30		20.33
1947-07-11		20.49	1947-06-30		20.70
1947-06-25		20.63	1947-05-26		20.79
1947-05-06		20.69	1947-04-03		20.17
1947-03-04		20.06	1947-01-28		20.18
1946-12-30		20.22	1946-11-25		20.68
1946-10-31		21.03	1946-09-26		21.05
1946-08-29		21.44	1946-07-29		21.67
1946-07-08		22.02	1946-06-07		21.81
1946-05-09		20.79	1946-04-02		20.93
1946-03-08		20.87	1946-02-13		21.02
1946-01-11		20.90	1945-12-04		20.41
1945-11-05		20.50	1945-10-09		20.98
1945-09-13		21.38	1945-08-07		21.72
1945-07-03		21.15	1945-06-04		21.04
1945-04-27		21.11	1945-04-03		21.36
1945-03-02		21.13	1945-02-05		20.89
1945-01-04		21.16	1944-12-05		21.08
1944-11-03		20.90	1944-10-09		21.05
1944-09-01		20.23	1944-08-01		20.75
1944-07-03		21.12	1944-05-30		21.46
1944-04-26		21.24	1944-03-28		20.94
1944-02-26		20.72	1944-01-29		20.64
1944-01-01		20.48	1943-11-27		20.65
1943-10-30		20.45	1943-09-25		20.06
1943-08-28		20.37	1943-07-31		20.67
1943-06-28		21.01	1943-05-29		21.19
1943-04-30		21.22	1943-03-27		21.31
1943-02-27		20.92	1943-01-30		20.67
1943-01-02		20.49	1942-12-26		20.23
1942-12-19		20.23	1942-12-12		20.21
1942-12-05		20.21	1942-11-28		20.18
1942-11-21		20.15	1942-11-14		20.20
1942-11-07		20.25	1942-10-31		20.27
1942-10-24		20.31	1942-10-17		20.38
1942-10-10		20.45	1942-10-03		20.51
1942-09-26		20.57	1942-09-19		20.63
1942-09-12		20.71	1942-09-05		20.72

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-08-29		20.67	1942-08-22		20.61
1942-08-15		20.46	1942-08-08		20.27
1942-08-01		20.25	1942-07-25		20.09
1942-07-18		19.96	1942-07-11		20.04
1942-07-04		19.99	1942-06-27		19.85
1942-06-20		19.88	1942-06-13		19.98
1942-06-06		19.92	1942-05-30		19.98
1942-05-23		20.05	1942-05-16		20.06
1942-05-09		20.08	1942-05-02		20.11
1942-04-25		20.16	1942-04-18		20.16
1942-04-11		20.10	1942-04-04		20.02
1942-03-28		19.92	1942-03-21		19.78
1942-03-14		19.66	1942-03-07		19.53
1942-02-28		19.45	1942-02-21		19.48
1942-02-14		19.42	1942-02-07		19.36
1942-01-31		19.38	1942-01-24		19.45
1942-01-17		19.46	1942-01-10		19.54
1942-01-03		19.64	1941-12-27		19.73
1941-12-20		19.86	1941-12-13		19.62
1941-12-06		19.71	1941-11-29		19.80
1941-11-22		19.97	1941-11-15		20.26
1941-11-08		20.16	1941-11-01		20.30
1941-10-25		20.26	1941-10-18		20.54
1941-10-11		20.43	1941-10-04		20.43
1941-09-27		20.63	1941-09-20		20.87
1941-09-13		20.96	1941-09-06		20.77
1941-08-30		21.07	1941-08-23		20.98
1941-08-16		20.89	1941-08-09		20.96
1941-08-02		20.96	1941-07-26		21.07
1941-07-19		21.06	1941-07-12		21.10
1941-07-05		21.18	1941-06-28		21.12
1941-06-21		21.22	1941-06-14		21.08
1941-06-07		21.20	1941-05-31		21.22
1941-05-24		21.21	1941-05-17		21.09
1941-05-10		21.15	1941-05-03		21.30
1941-04-26		21.42	1941-04-19		21.57
1941-04-12		21.62	1941-04-05		21.64
1941-03-29		21.68	1941-03-22		21.61
1941-03-15		21.51	1941-03-08		21.50
1941-03-01		21.56	1941-02-22		21.61
1941-02-15		21.43	1941-02-08		21.04
1941-02-01		21.13	1941-01-25		21.27
1941-01-18		21.16	1941-01-11		21.21
1941-01-04		20.97	1940-12-28		21.11
1940-12-21		21.14	1940-12-14		21.22
1940-12-07		21.51	1940-11-30		21.48
1940-11-23		21.61	1940-11-16		21.46
1940-11-09		21.61	1940-11-02		21.62
1940-10-26		21.42	1940-10-19		21.55

L41
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000829115

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404215073461702		
Monloc name:	Q 1250. 2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7042696
Longitude:	-73.7709662	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	37.5
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	54
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 180

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel

1987-08-25					
Note: The well was destroyed (no water level is recorded).					
1987-07-29		9.81	1987-06-24		9.35
1987-05-26		8.77	1987-04-30		7.95
1987-03-26		7.04	1987-02-26		6.57
1987-01-29		5.61	1986-12-17		4.54
1986-11-26		4.20	1986-10-29		4.06
1986-10-01		3.91	1986-08-21		3.71
1986-07-24		3.79	1986-06-30		4.00
1986-05-19		4.23	1986-04-22		4.12
1986-04-02		3.91	1986-02-28		3.59
1986-01-16		3.77	1985-12-17		3.55
1985-11-18		3.32	1985-10-23		3.52
1985-09-25		3.64	1985-08-21		3.24
1985-07-25		3.34	1985-06-20		3.27
1985-05-20		2.52	1985-04-22		2.76
1985-03-22		3.14	1985-02-21		4.04
1985-01-30		3.85	1984-12-19		4.28
1984-11-26		1.54	1984-10-23		1.04
1984-09-24		1.48	1984-08-27		1.84
1984-07-23		2.18	1984-06-20		1.73
1984-05-23		0.54	1984-04-23		0.43
1984-03-26		-0.05	1984-03-01		-0.48
1984-01-23		-1.76	1983-12-19		-1.46
1983-11-21		-1.73	1983-10-21		-1.48
1983-09-20		-1.96	1983-08-22		-1.50
1983-07-25		-1.69	1983-06-21		-3.46
1983-05-23		-3.76	1983-04-21		-4.16
1983-03-23		-4.90	1983-02-25		-4.77
1983-01-24		-4.56	1983-01-04		-4.15
1983-01-04		-4.15	1982-12-06		-4.66

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1982-10-20		-4.27	1982-09-20		-3.32
1982-08-19		-3.16	1982-07-21		-2.73
1982-06-23		-2.46	1982-05-18		-2.56
1982-04-22		-2.03	1982-04-01		-4.15
1982-03-22		-2.33	1982-02-24		-2.66
1982-01-25		-3.02	1981-12-21		-4.76
1981-10-27		-4.48	1981-09-21		-4.35
1981-08-24		-4.21	1981-07-20		-3.94
1981-06-22		-3.38	1981-05-21		-3.26
1981-04-21		-3.33	1981-03-23		-3.12
1981-02-25		-3.04	1981-01-26		-2.79
1980-12-24		-2.41	1980-11-24		-3.09
1980-10-21		-2.42	1980-09-22		-2.26
1980-08-21		-1.94	1980-07-21		-2.60
1980-06-20		-2.16	1980-05-21		-1.71
1980-04-22		-2.68	1980-03-21		-3.06
1980-02-25		-2.89	1980-01-30		-2.48
1979-12-17		-2.57	1979-09-17		-2.06
1979-06-21		-1.22	1979-03-12		-1.90
1978-12-21		-2.41	1978-10-03		-2.40
1978-06-23		-1.61	1978-04-04		-2.16
1978-01-04		-2.77	1977-10-03		-3.83
1977-07-05		-3.51	1977-03-22		-3.05
1976-12-22		-1.21	1976-09-23		-1.70
1976-07-01		-1.95	1976-03-25		-1.24
1975-12-15		-1.51	1975-10-06		-2.86
1975-07-01		-2.61	1975-03-25		-2.51
1974-12-19		-2.18	1974-09-03		-3.20
1974-06-26		-2.69	1974-03-21		-2.51
1974-01-07		-2.15	1973-09-27		-1.21
1973-06-25		-2.28	1973-04-04		-2.28
1972-12-21		-3.55	1972-10-10		-2.45
1972-06-22		-2.39	1972-03-21		-3.56
1972-01-03		-3.07	1971-09-28		-2.94
1971-03-10		-1.55	1970-11-04		-1.15
1970-03-02		0.20	1969-10-30		0.66
1969-05-01		0.32	1969-03-17		1.79
1968-10-29		0.64	1968-05-01		1.41
1968-03-19		1.64	1967-10-31		2.35
1967-05-03		2.81	1967-03-14		2.74
1966-11-02		2.24	1966-04-20		4.21
1965-11-03		4.25	1965-09-14		4.25
1965-04-29		5.57	1964-11-02		5.97
1964-05-01		7.42	1964-02-14		6.82
1963-10-30		7.32	1963-05-01		8.93
1962-11-08		8.11	1962-04-26		11.42
1962-02-01		9.88	1962-01-02		9.54
1961-11-27		9.74	1961-10-30		10.16
1961-10-02		10.50	1961-08-30		10.90
1961-07-29		10.69	1961-05-29		10.73
1961-04-27		10.39	1961-03-27		9.96
1961-02-28		9.55	1961-01-30		9.55
1961-01-03		9.62	1960-11-29		9.99
1960-11-01		9.92	1960-10-03		10.24
1960-08-31		9.67	1960-07-26		10.00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1960-06-29		10.45	1960-06-02		11.06
1960-05-03		11.31	1960-03-28		10.40
1960-02-29		10.32	1960-02-02		10.28
1959-12-30		10.14	1959-11-25		10.34
1959-10-27		10.50	1959-10-15		10.87
1959-10-05		10.62			

M42
East
1/2 - 1 Mile
Lower

NY WELLS NYWS006354

Well Id:	NY7011735	System name:	NEW YORK CITY - GROUNDWATER SYSTEM
System Id:	039	Well name:	WELL #38, Q1997,DEPTH 107.8'D=12"
Type:	Well	Active?:	Active
County:	QUEENS BOROUGH	Latitude:	404248 000
Longitude:	734603 000	Slec_type_:	AC
Agency:	MIELE, SR., JOEL		
Address:	DEPARTMENT OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION ROAD		
City/State/Zip:	CORONA NY 11368-5107		
Phone:	718-595-6500		

43
NW
1/2 - 1 Mile
Higher

FED USGS USGS40000829880

Org. Identifier:	USGS-NY	Drainagearea value:	Not Reported
Formal name:	USGS New York Water Science Center	Contrib drainagearea:	Not Reported
Monloc Identifier:	USGS-404320073474801	Latitude:	40.7223248
Monloc name:	Q 2407. 1	Sourcemap scale:	24000
Monloc type:	Well	Horiz Acc measure units:	seconds
Monloc desc:	Not Reported	Vert measure val:	9.0
Huc code:	02030201	Vertacc measure val:	0.1
Drainagearea Units:	Not Reported	Countrycode:	US
Contrib drainagearea units:	Not Reported	Aquifername:	Northern Atlantic Coastal Plain aquifer system
Longitude:	-73.7962447	Formation type:	Glacial Aquifer, Upper
Horiz Acc measure:	1	Aquifer type:	Not Reported
Horiz Collection method:	Interpolated from map	Construction date:	Not Reported
Horiz coord refsys:	NAD83	Welldepth units:	Not Reported
Vert measure units:	feet	Wellholedepth units:	Not Reported
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

44
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000828892

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404155073463804		
Monloc name:	Q 1058. 1		
Monloc type:	Well		
Monloc desc:	3804		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.700103
Longitude:	-73.7767997	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	29.7
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	61
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 8

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-05-13		7.26	1984-04-09		7.58
1983-03-23		1.97	1981-04-20		1.75
1979-03-15		1.78	1968-01-17		-2.50
1967-11-09		0.40	1961-12-18		-1.80

M45
East
1/2 - 1 Mile
Lower

FED USGS USGS40000829469

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404247073460301		
Monloc name:	Q 2432. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7131584
Longitude:	-73.7670772	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	58.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Magothy Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	280
Welldepth units:	ft	Wellholedepth:	288
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 13

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-03-12		-12.40	1978-03-22		-26.47
1977-03-24		-13.59	1976-03-18		-14.70
1975-03-20		-28.33	1974-03-26		-26.43
1973-03-21		-17.08			
Note: The site had been pumped recently.					
1972-03-14		-12.32			
Note: The site had been pumped recently.					
1971-03-11		-9.35			
1970-03-19		-6.25			
Note: The site had been pumped recently.					
1969-09-15		-5.60			
1968-01-12		-18.20			
Note: The site had been pumped recently.					
1967-09-27		-6.00			
Note: The site had been pumped recently.					

**N46
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS40000829527

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404253073481302		
Monloc name:	Q 567. 2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7151027
Longitude:	-73.802356	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	130.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Lloyd Aquifer		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
 Construction date: 19460503
 Welldepth units: ft
 Wellholeddepth units: ft
 Welldepth: 626
 Wellholeddepth: 634

Ground-water levels, Number of Measurements: 34

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1996-04-22		7.69	1995-05-03		8.31
1994-04-25		8.71	1993-04-06		7.63
1992-03-23		8.38	1991-04-17		8.58
1990-04-05		7.58	1988-12-07		-5.44
1988-03-01		5.02	1986-02-05		3.44
1985-01-03		-1.48	1984-01-11		-14.91
1983-01-06		-26.83	1982-01-26		-24.92
1979-01-17		-26.94	1976-01-20		-21.88
1975-01-13		-21.11	1974-02-04		-29.12
1973-01-10		-23.41			
Note: The site had been pumped recently.					
1968-01-18		-26.30			
Note: The site had been pumped recently.					
1967-09-29		-23.50			
Note: The site had been pumped recently.					
1961-04-18		-26.90	1948-03-31		-25.70
1947-08-01		-63.90			
Note: The site was being pumped.					
1947-07-20		-63.90			
Note: The site was being pumped.					
1947-07-14		-64.60			
Note: The site was being pumped.					
1947-07-03		-63.90			
Note: The site was being pumped.					
1947-07-01		-66.20			
Note: The site was being pumped.					
1947-06-27		-63.90			
Note: The site was being pumped.					
1947-04-15		-25.60			
Note: The site had been pumped recently.					
1947-03-19		-25.60			
Note: The site had been pumped recently.					
1947-02-01		-25.60			
Note: The site had been pumped recently.					
1946-09-21		-23.70	1946-04-23		-10.19

M47
East
1/2 - 1 Mile
Lower

FED USGS USGS40000829477

Org. Identifier: USGS-NY
 Formal name: USGS New York Water Science Center
 Monloc Identifier: USGS-404248073460201
 Monloc name: Q 2405. 1
 Monloc type: Well
 Monloc desc: Not Reported
 Huc code: 02030202
 Drainagearea Units: Not Reported
 Contrib drainagearea units: Not Reported
 Longitude: -73.7667994
 Drainagearea value: Not Reported
 Contrib drainagearea: Not Reported
 Latitude: 40.7134361
 Sourcemap scale: 24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	62.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	350
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

M48
East
1/2 - 1 Mile
Lower

FED USGS USGS40000829476

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404248073460101		
Monloc name:	Q 1997. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7134361
Longitude:	-73.7665216	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	62.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	112
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 11

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-03-12		-24.67	1980-03-12		-25.13
1979-03-15		-28.06	1978-03-22		-16.01
1977-03-22		-14.99	1976-03-15		-15.45
1975-03-19		-24.21	1974-04-01		-8.41
1970-03-19		-7.38			
Note: The site had been pumped recently.					
1968-01-12		-5.70	1967-12-11		-5.10

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

N49
West
1/2 - 1 Mile
Higher

NY WELLS NYWS006351

Well Id:	NY7011735	System name:	NEW YORK CITY - GROUNDWATER SYSTEM
System Id:	006	Well name:	WELL #18,Q2137, DEPTH 241.3",D=18"
Type:	Well	Active?:	Active
County:	QUEENS BOROUGH	Latitude:	404253 000
Longitude:	734811 000	Slec_type_:	AC
Agency:	MIELE, SR., JOEL		
Address:	DEPARTMENT OF ENVIRONMENTAL PROTECTION 59-17 JUNCTION ROAD		
City/State/Zip:	CORONA NY 11368-5107		
Phone:	718-595-6500		

N50
West
1/2 - 1 Mile
Higher

FED USGS USGS40000829534

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404254073481001		
Monloc name:	Q 567. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7148249
Longitude:	-73.8031893	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	130.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Lloyd Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	632
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

N51
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40000829535

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier: USGS-NY
 Formal name: USGS New York Water Science Center
 Monloc Identifier: USGS-404254073481301
 Monloc name: Q 2137. 1
 Monloc type: Well
 Monloc desc: OLD: Q 318. 1
 Huc code: 02030101
 Drainagearea Units: Not Reported
 Contrib drainagearea units: Not Reported
 Longitude: -73.8031893
 Horiz Acc measure: 1
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83
 Vert measure units: feet
 Vert accmeasure units: feet
 Vertcollection method: Level or other surveying method
 Vert coord refsys: NGVD29
 Aquifername: Northern Atlantic Coastal Plain aquifer system
 Formation type: Magothy Aquifer
 Aquifer type: Not Reported
 Construction date: Not Reported
 Welldepth units: ft
 Wellholedepth units: ft

Drainagearea value: Not Reported
 Contrib drainagearea: Not Reported
 Latitude: 40.7151027
 Sourcemap scale: 24000
 Horiz Acc measure units: seconds
 Vert measure val: 130.0
 Vertacc measure val: 0.1
 Countrycode: US
 Welldepth: 250
 Wellholedepth: 250

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-05-13		1.48	1984-03-26		-2.49
1983-03-30		-5.40	1970-03-02		-6.70
1968-01-18		-9.80	1967-09-29		-7.50

**N52
WNW
1/2 - 1 Mile
Higher**

FED USGS

USGS40000829536

Org. Identifier: USGS-NY
 Formal name: USGS New York Water Science Center
 Monloc Identifier: USGS-404254073481302
 Monloc name: Q 318. 1
 Monloc type: Well
 Monloc desc: NEW: Q 2137. 1
 Huc code: 02030202
 Drainagearea Units: Not Reported
 Contrib drainagearea units: Not Reported
 Longitude: -73.8031893
 Horiz Acc measure: 1
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83
 Vert measure units: feet
 Vert accmeasure units: feet
 Vertcollection method: Level or other surveying method
 Vert coord refsys: NGVD29
 Aquifername: Northern Atlantic Coastal Plain aquifer system
 Formation type: Magothy Aquifer

Drainagearea value: Not Reported
 Contrib drainagearea: Not Reported
 Latitude: 40.7151027
 Sourcemap scale: 24000
 Horiz Acc measure units: seconds
 Vert measure val: 131.0
 Vertacc measure val: 0.1
 Countrycode: US

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	250
Construction date:	Not Reported	Wellholeddepth:	250
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1947-08-01		-80.30			
	Note: The site was being pumped.				
1947-07-20		-80.80			
	Note: The site was being pumped.				
1947-07-14		-82.80			
	Note: The site was being pumped.				
1947-07-01		-77.70			
	Note: The site was being pumped.				
1947-06-27		-80.50			
	Note: The site was being pumped.				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for QUEENS County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.620 pCi/L	97%	0%	3%
Basement	0.970 pCi/L	93%	6%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Department of Environmental Conservation

Telephone: 518-402-8072

These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX 5

Historical Documentation

[\(Return to Section 3\)](#)

[\(Return to Section 6\)](#)

[\(Return to Section 6.4\)](#)

[\(Return to Section 6.6\)](#)



Vacant Lot

17802 Hillside Avenue
Jamaica, NY 11432

Inquiry Number: 3925681.5
April 30, 2014

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

Aerial Photography April 30, 2014

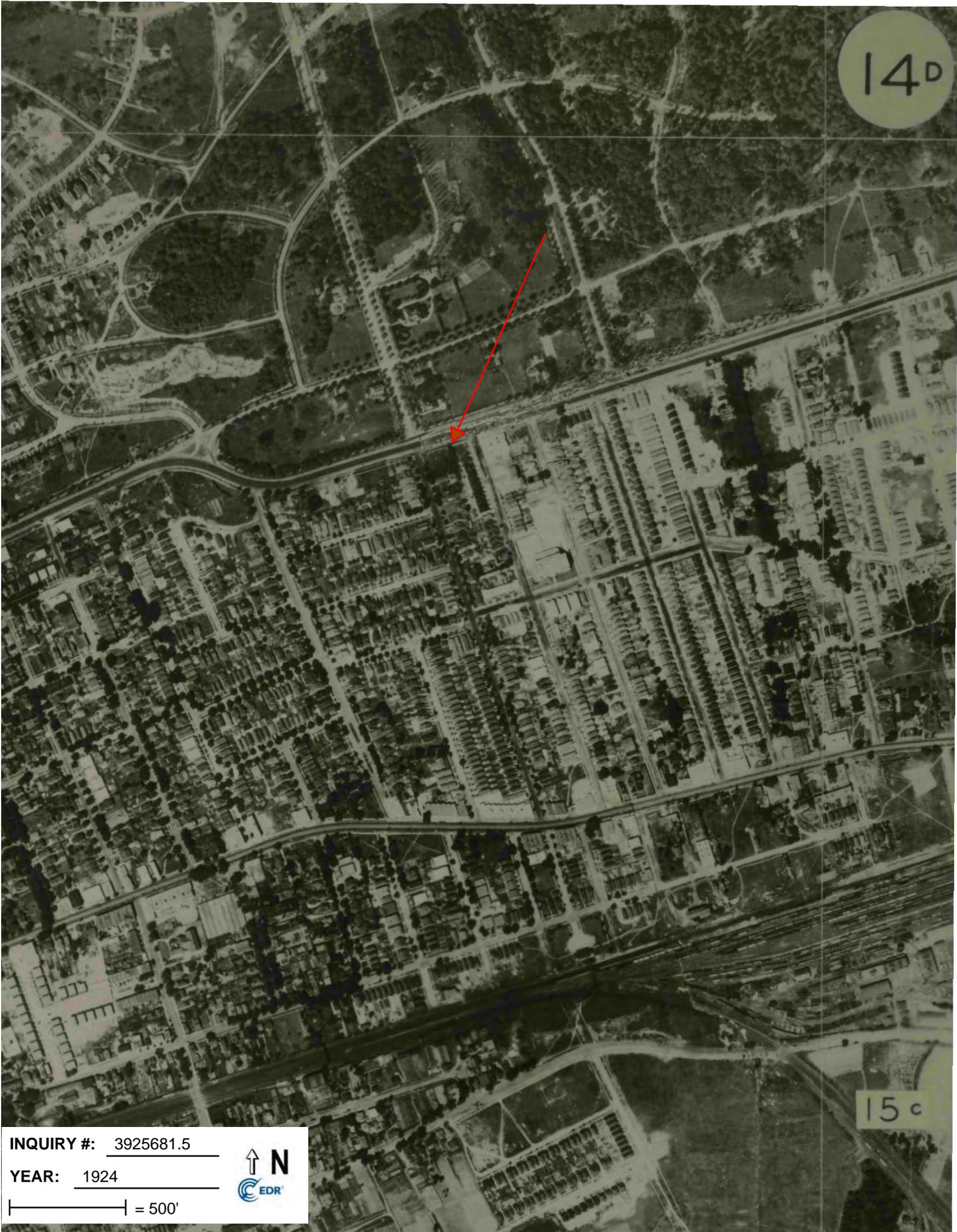
Target Property:

17802 Hillside Avenue

Jamaica, NY 11432

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1924	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F7, Jamaica, NY;/Flight Date: July 01, 1924	EDR
1946	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F7, Jamaica, NY;/Flight Date: January 01, 1946	EDR
1954	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F7, Jamaica, NY;/Flight Date: February 23, 1954	EDR
1966	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F7, Jamaica, NY;/Flight Date: February 23, 1966	EDR
1975	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F7, Jamaica, NY;/Flight Date: April 01, 1975	EDR
1984	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F7, Jamaica, NY;/Flight Date: January 01, 1984	EDR
1994	Aerial Photograph. Scale: 1"=500'	Panel #: 40073-F7, Jamaica, NY;/DOQQ - acquisition dates: April 08, 1994	EDR

14^D



15^c

INQUIRY #: 3925681.5

YEAR: 1924

| = 500'



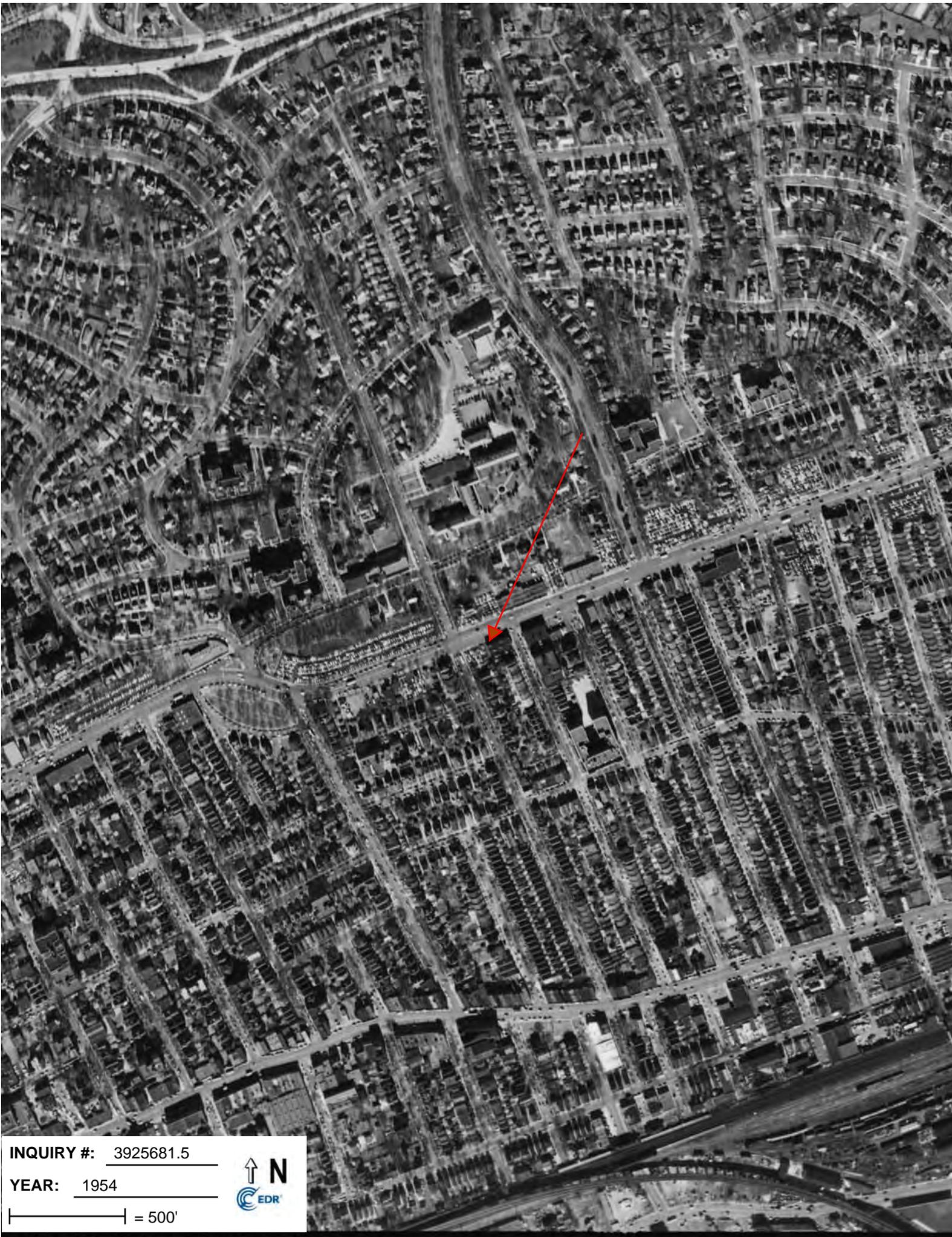


INQUIRY #: 3925681.5

YEAR: 1946

| = 500'





INQUIRY #: 3925681.5

YEAR: 1954

| = 500'





INQUIRY #: 3925681.5

YEAR: 1966

| = 500'



K-146-223



INQUIRY #: 3925681.5

YEAR: 1975

| = 500'





INQUIRY #: 3925681.5

YEAR: 1984

| = 500'





INQUIRY #: 3925681.5

YEAR: 1994

| = 500'





Vacant Lot

17802 Hillside Avenue
Jamaica, NY 11432

Inquiry Number: 3925681.3
April 29, 2014

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

4/29/14

Site Name:

Vacant Lot
17802 Hillside Avenue
Jamaica, NY 11432

Client Name:

CBRE, Inc.
201 South College St.
Charlotte, NC 28244-0000



EDR Inquiry # 3925681.3

Contact: Brian S. Ricker

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by CBRE, 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:

Site Name: Vacant Lot
Address: 17802 Hillside Avenue
City, State, Zip: Jamaica, NY 11432
Cross Street:
P.O. # 14-460TX-0646
Project: 14-460TX-0646
Certification # 4F41-4194-9BBA



Sanborn® Library search results
Certification # 4F41-4194-9BBA

Maps Provided:

2006	1999	1990	1951
2005	1996	1989	1926
2004	1995	1988	1912
2003	1993	1986	
2002	1992	1982	
2001	1991	1981	

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

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

CBRE, Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

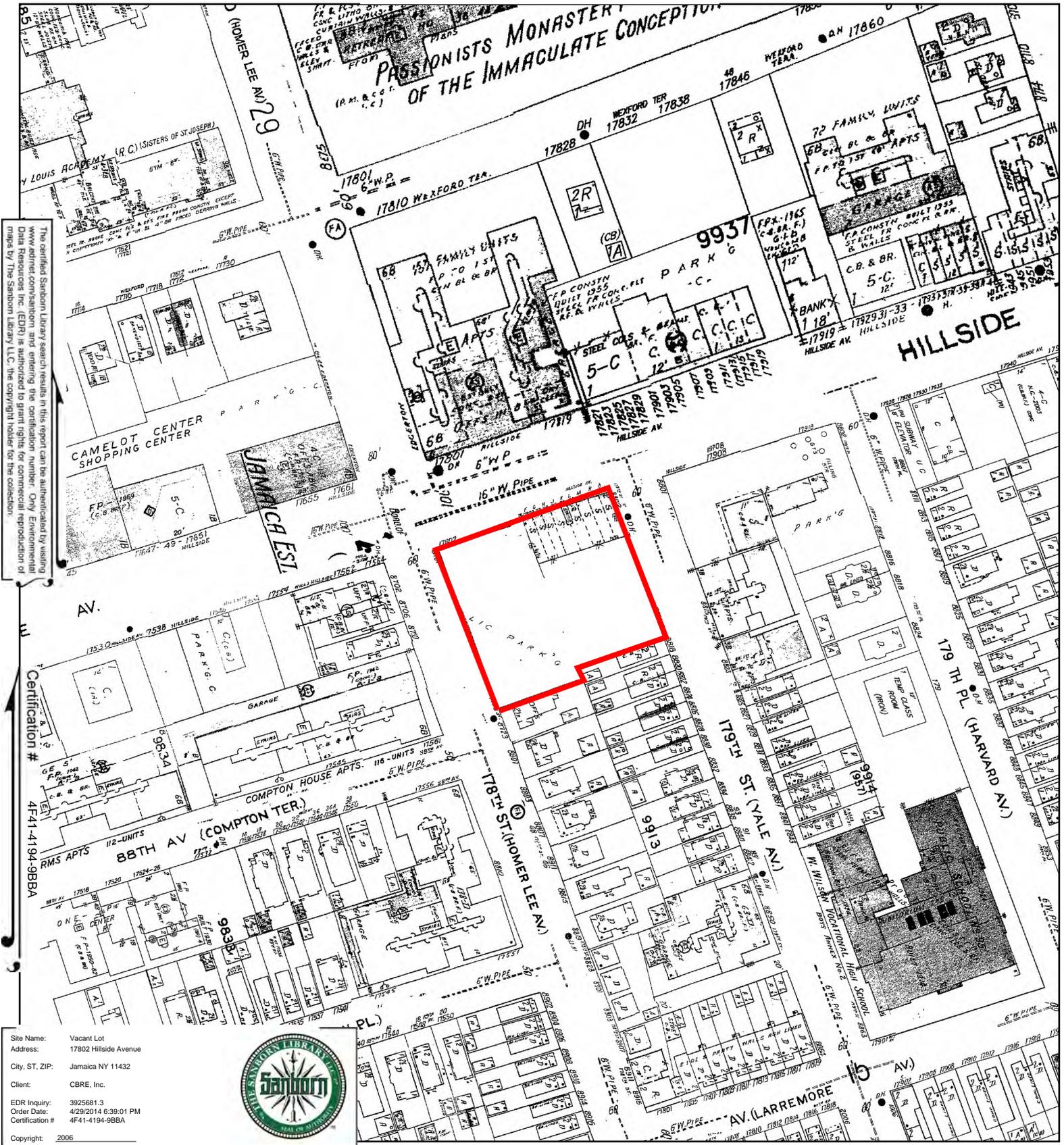
Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

2006 Certified Sanborn Map



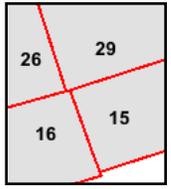
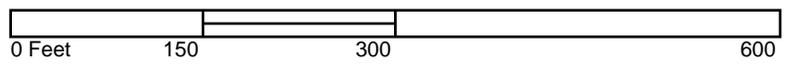
The certified Sanborn Map Library search results in this report can be authenticated by visiting www.edr.com and entering the certification number. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library, LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 2006



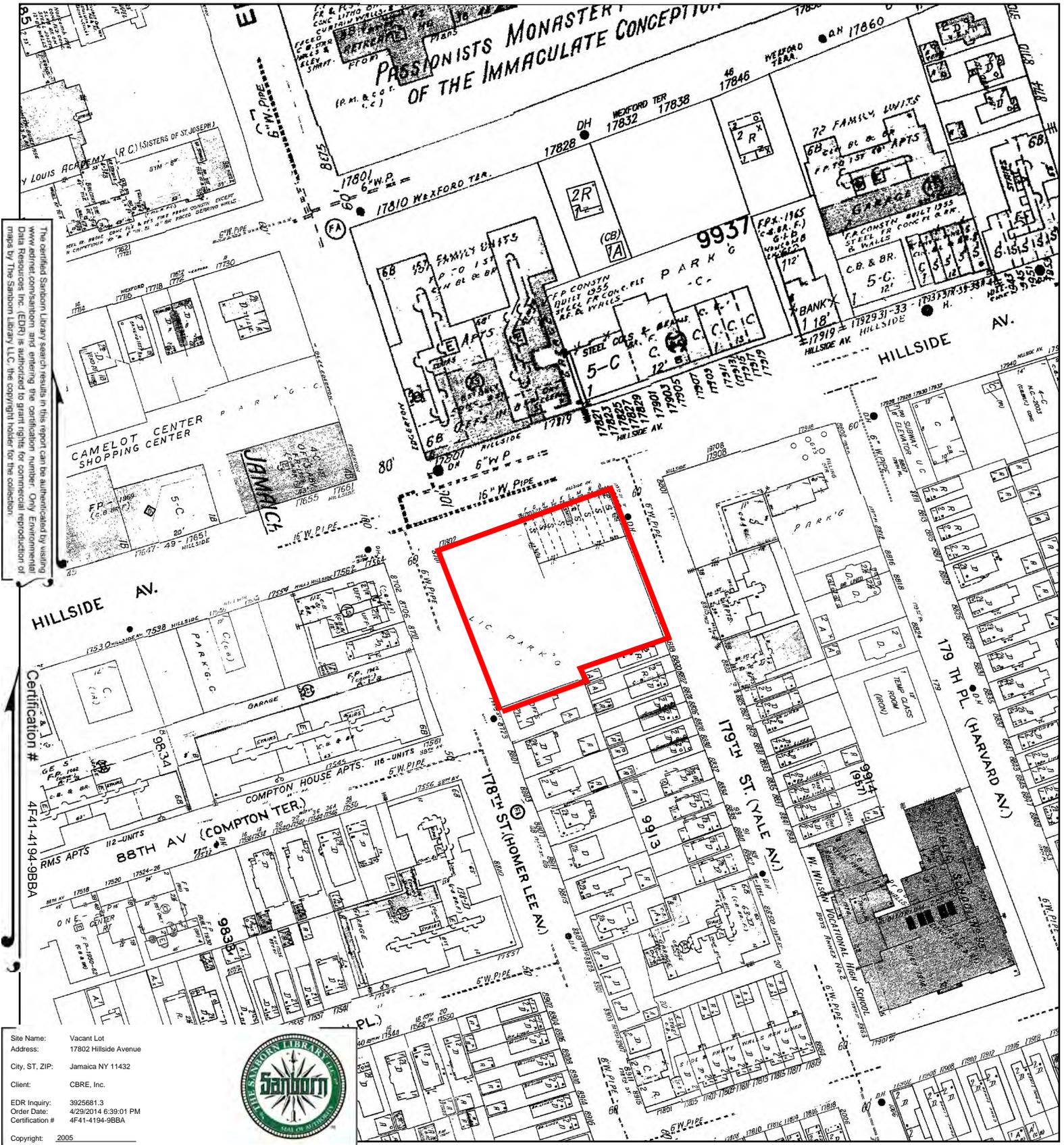
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



2005 Certified Sanborn Map



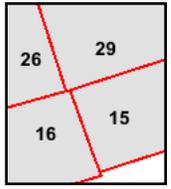
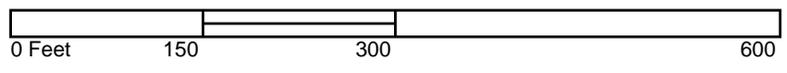
The certified Sanborn Map Library search results in this report can be authenticated by visiting www.edr.com, entering the certification number. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Map Library, LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 2005



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



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



2004 Certified Sanborn Map



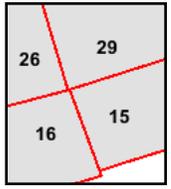
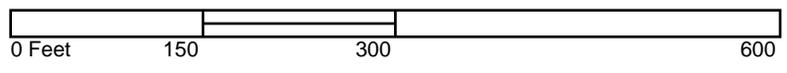
The certified Sanborn Map Library search results in this report can be authenticated by visiting www.edr.com and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library, LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 2004



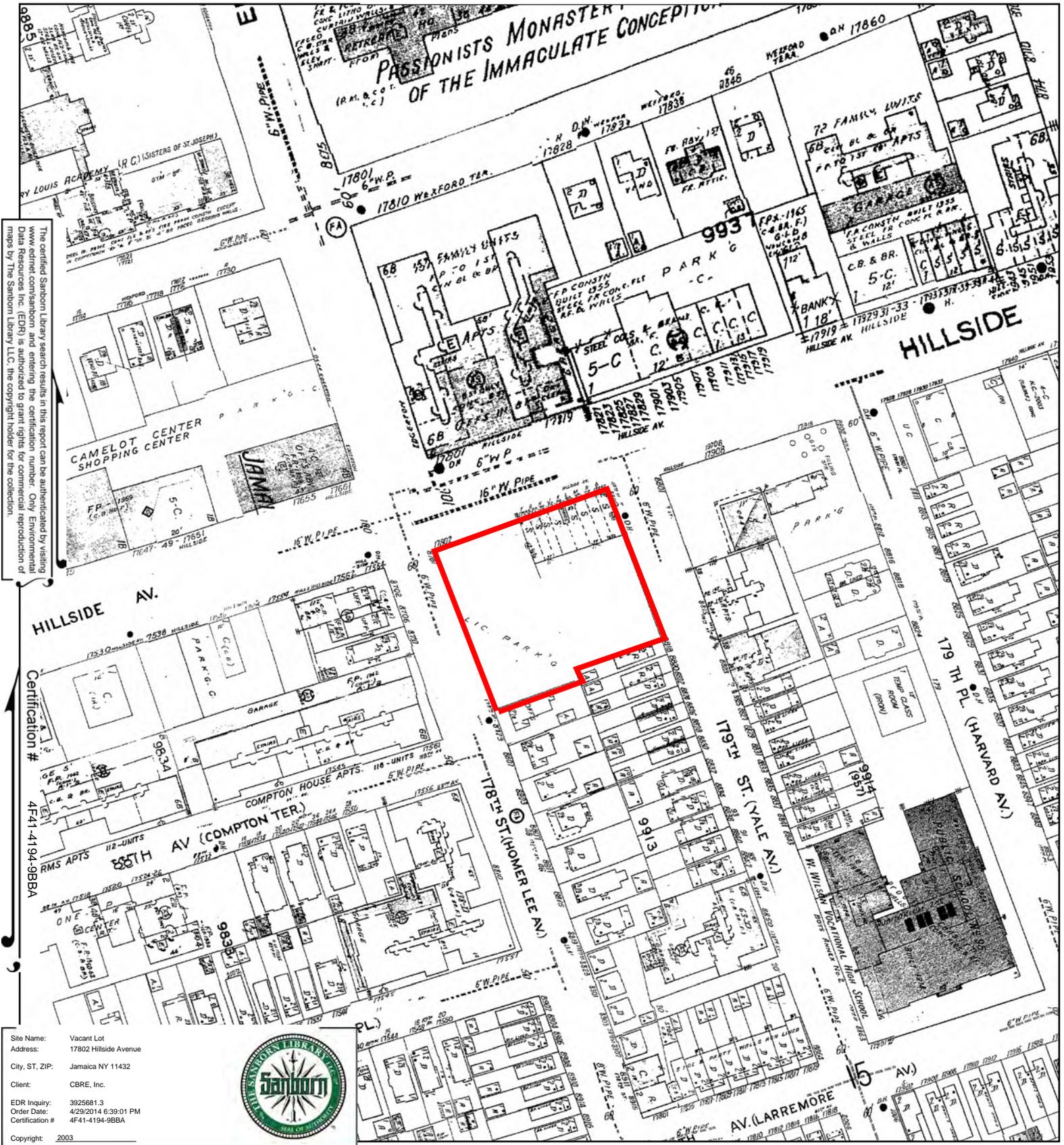
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



2003 Certified Sanborn Map



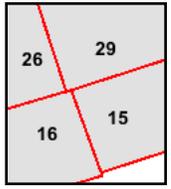
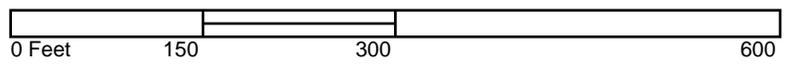
The certified Sanborn Map search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 2003



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



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



2002 Certified Sanborn Map



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

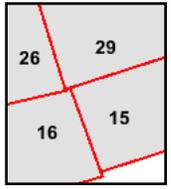
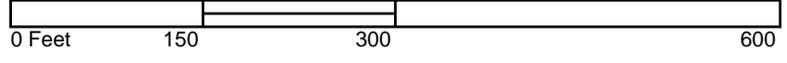
Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA



Copyright: 2002

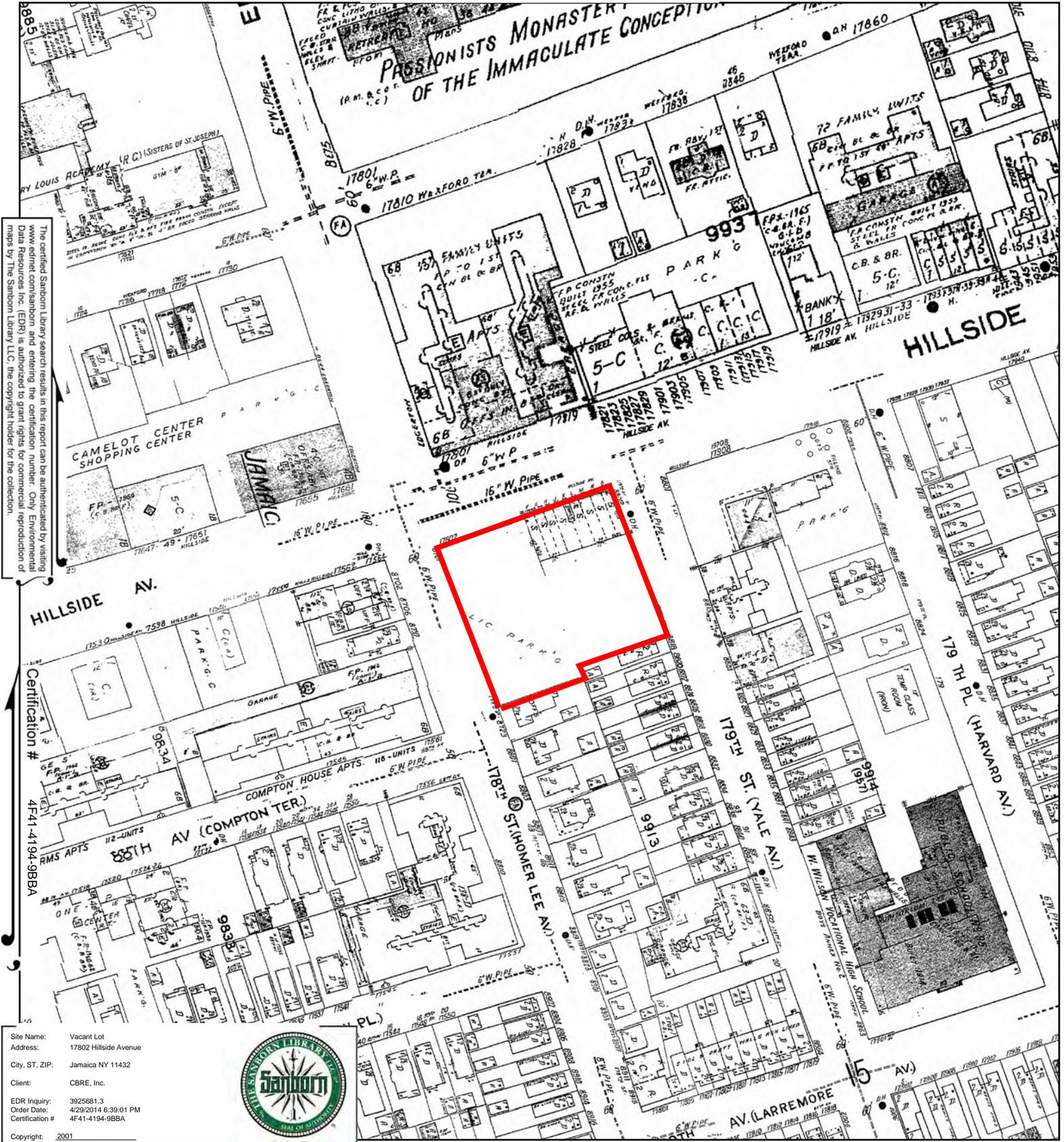
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



2001 Certified Sanborn Map



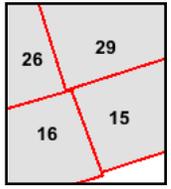
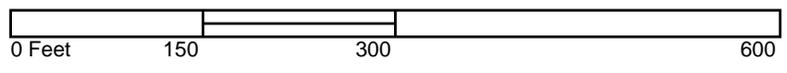
The certified Sanborn Library search results in this report can be authenticated by visiting www.cerifiedsanborn.com and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 2001



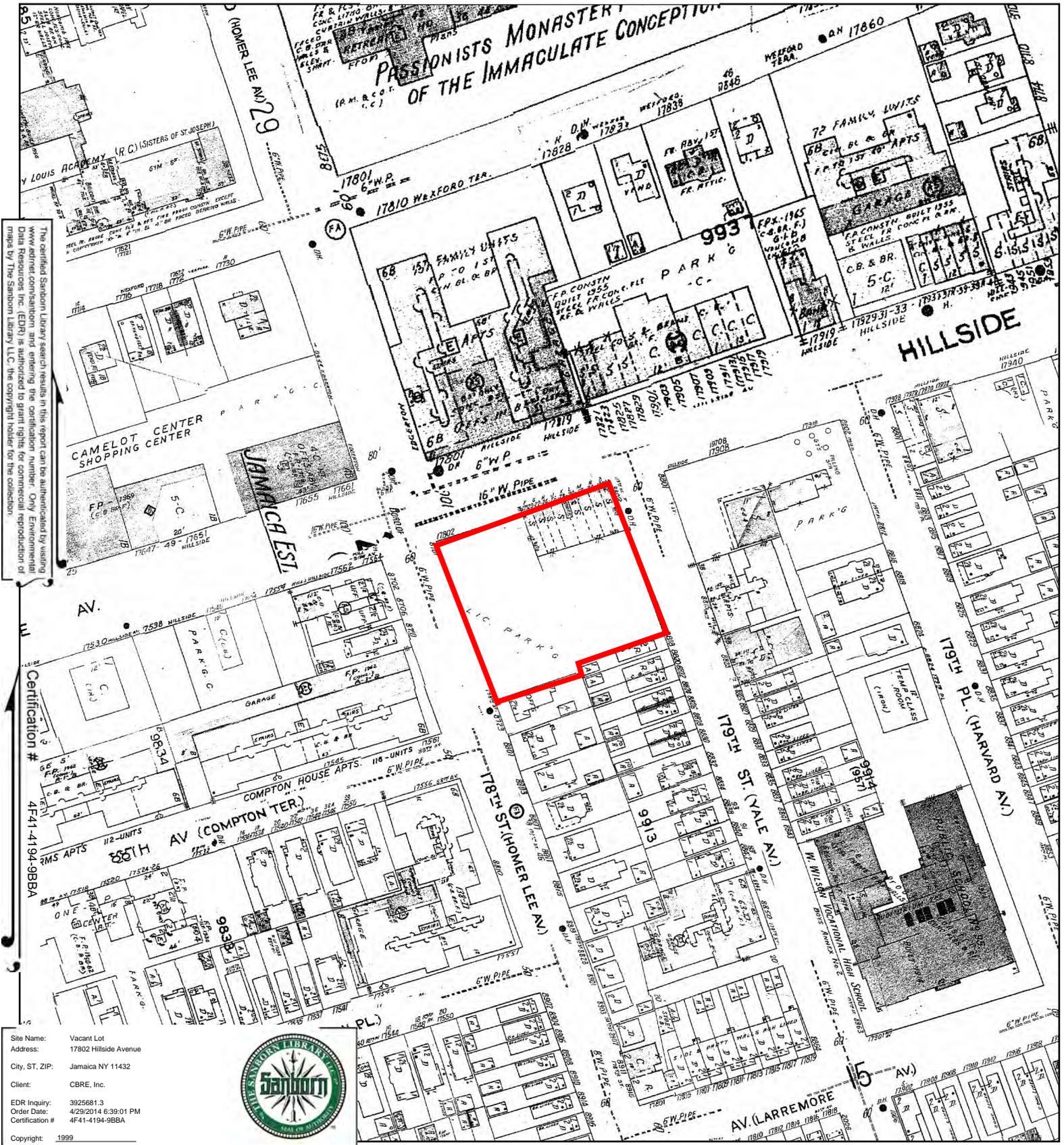
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 26
- Volume 7, Sheet 29
- Volume 7, Sheet 15
- Volume 7, Sheet 16



1999 Certified Sanborn Map



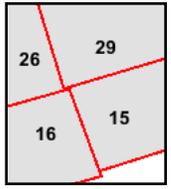
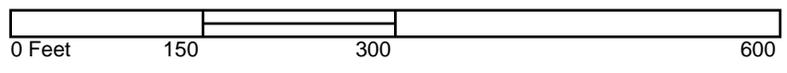
The certified Sanborn Map Library search results in this report can be authenticated by visiting www.edri.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDRI) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library, LLC, the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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 1999



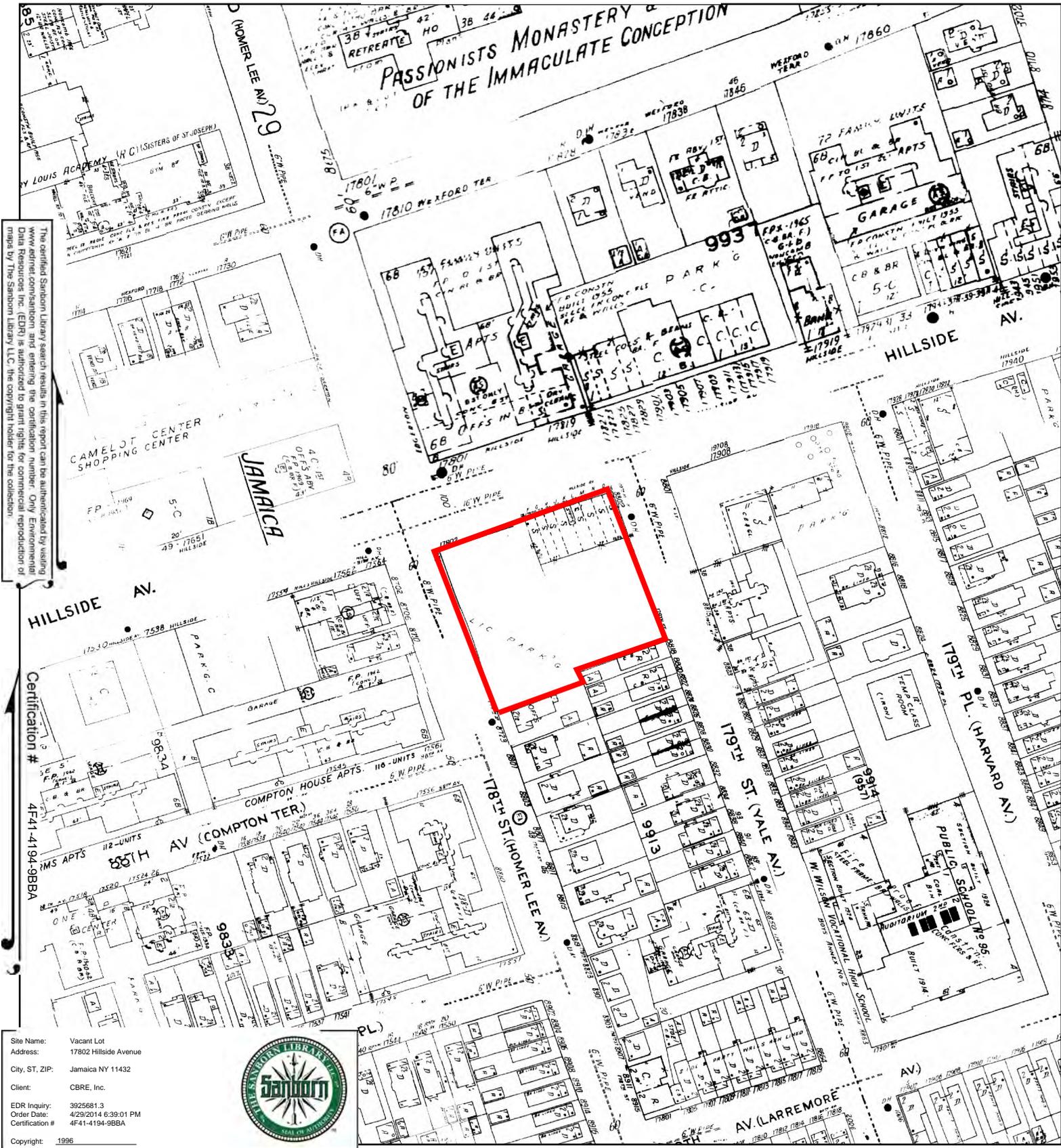
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1996 Certified Sanborn Map



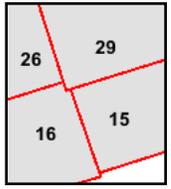
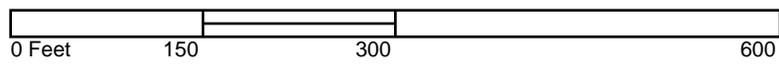
The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA



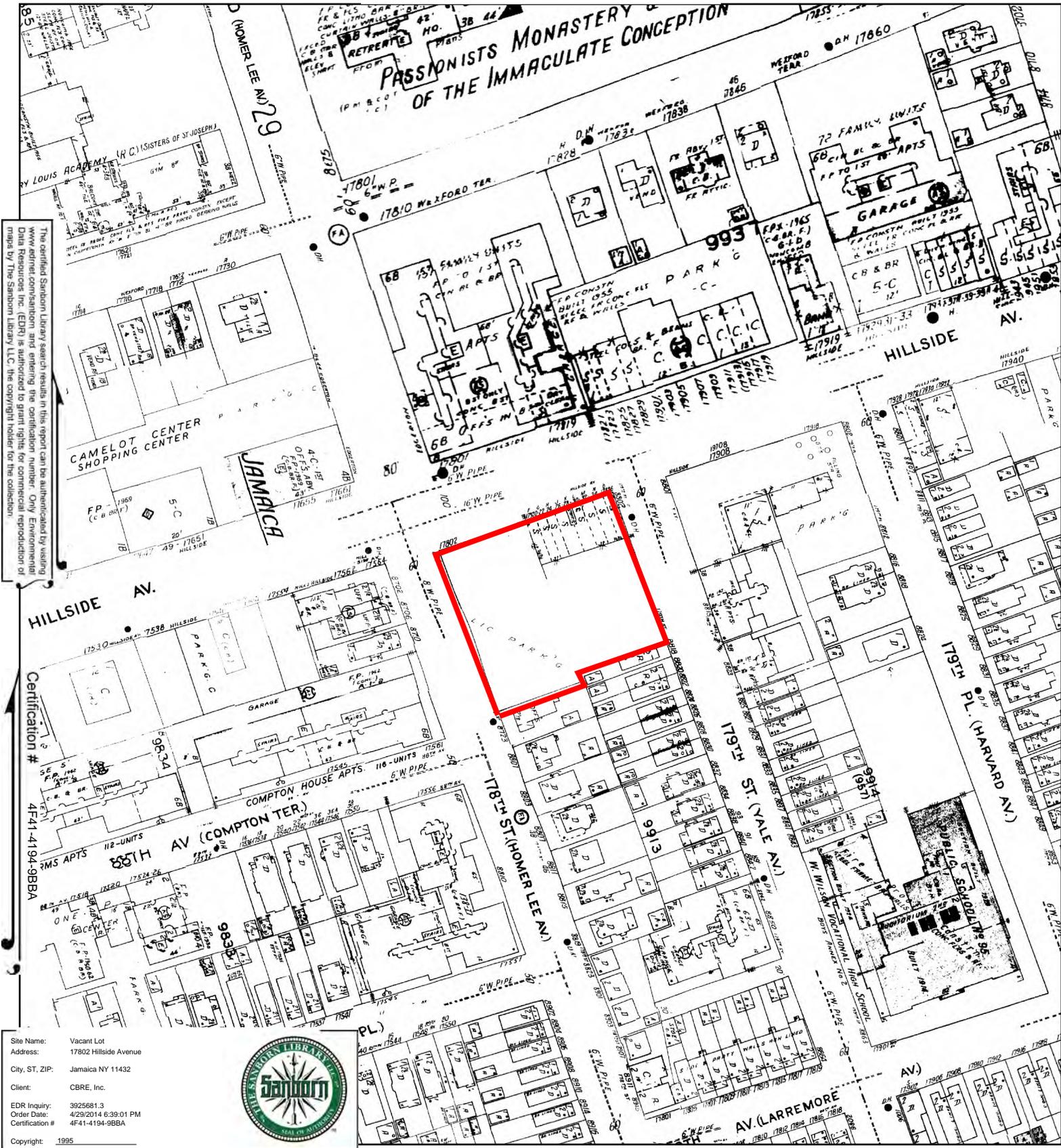
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1995 Certified Sanborn Map



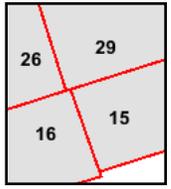
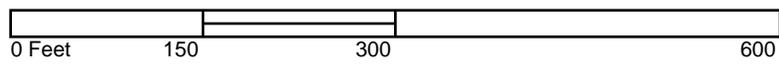
The certified Sanborn Map Library search results in this report can be authenticated by visiting www.edr.com and entering the certification number. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Map Library, LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 1995



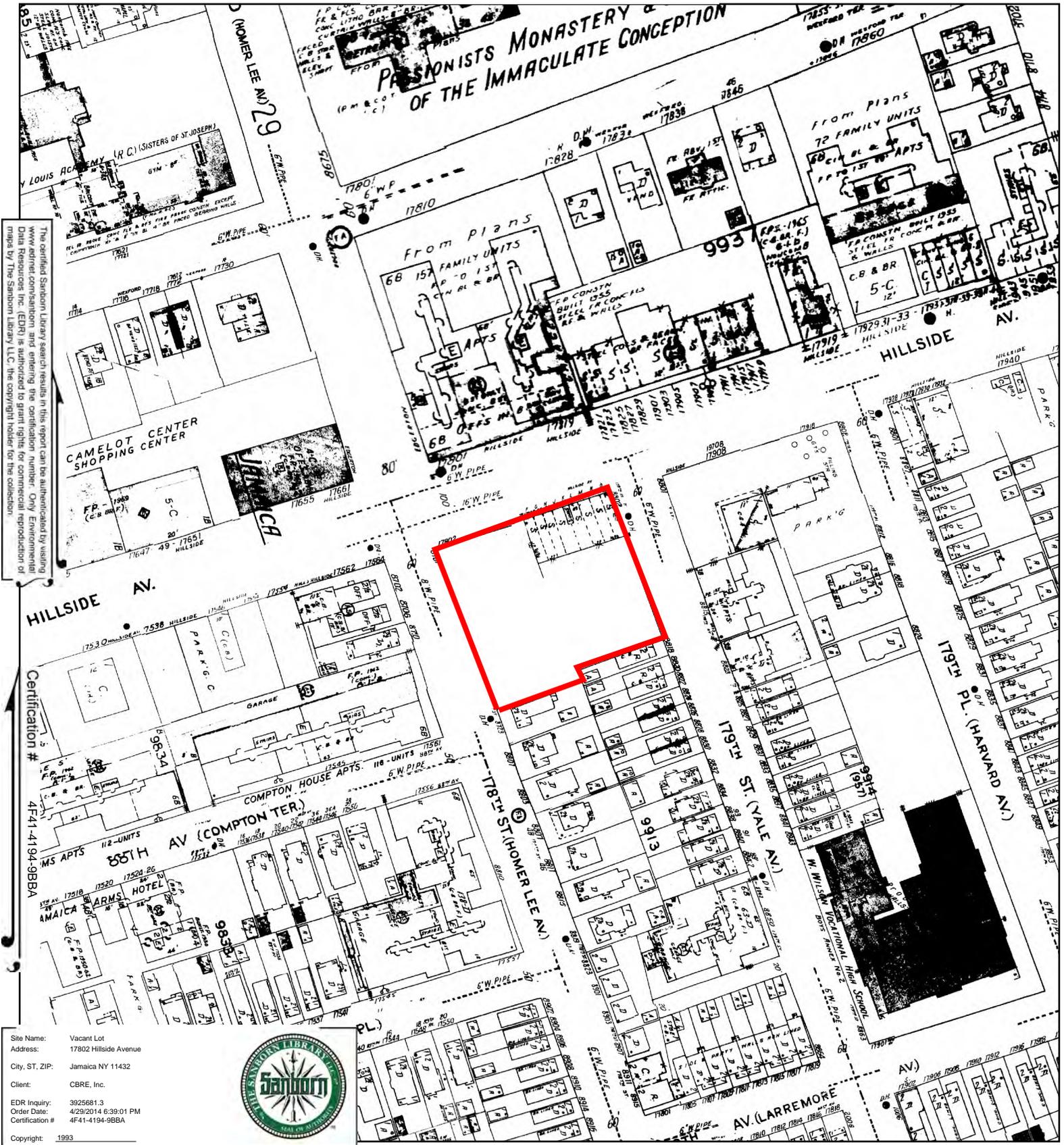
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1993 Certified Sanborn Map

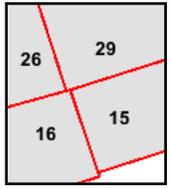
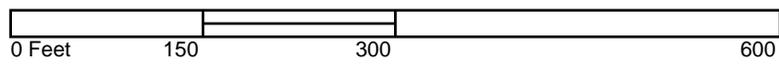


The certified Sanborn Map Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Map Library LLC, the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

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification #: 4F41-4194-9BBA
 Copyright: 1993



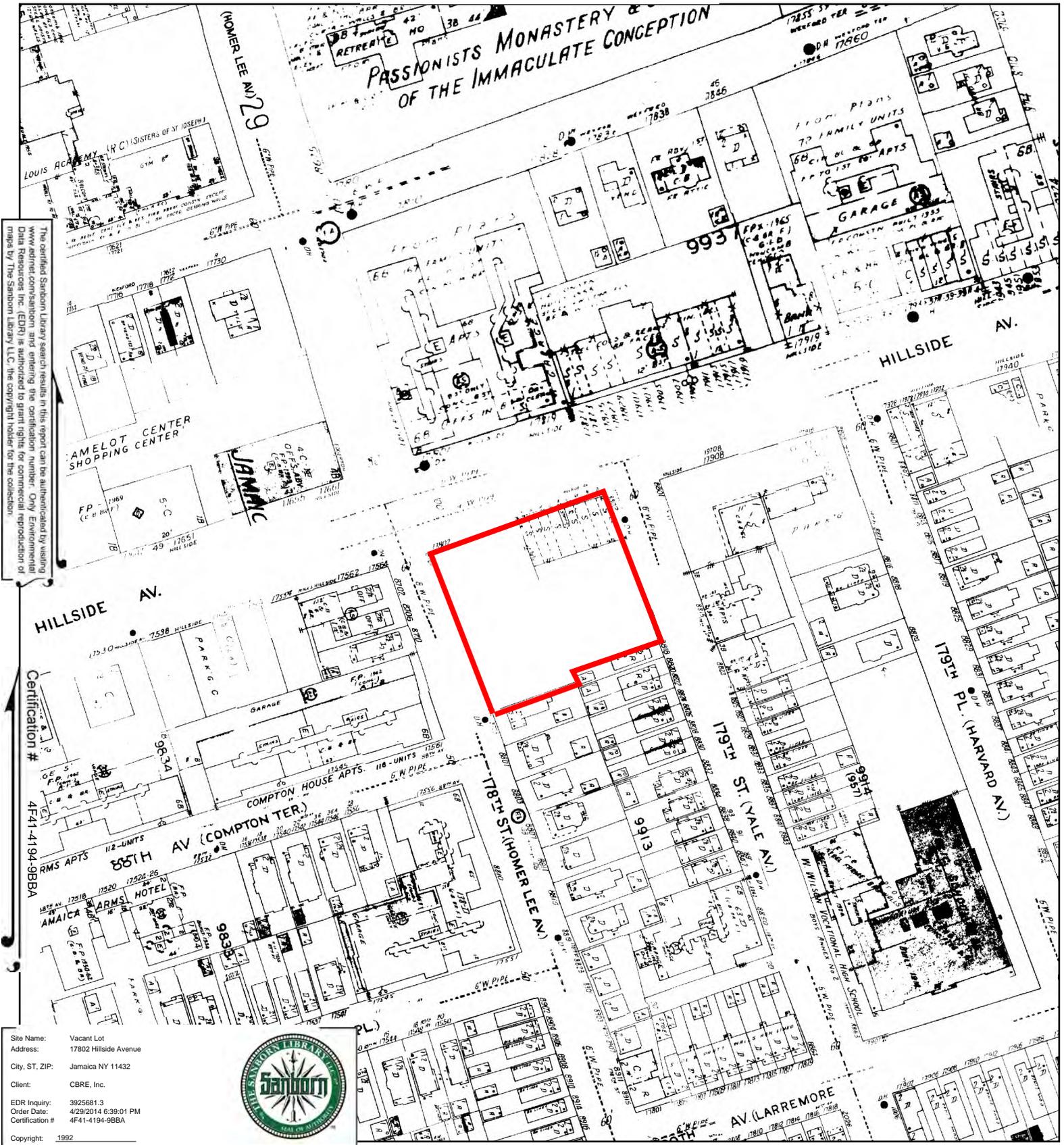
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1992 Certified Sanborn Map



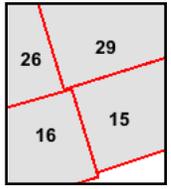
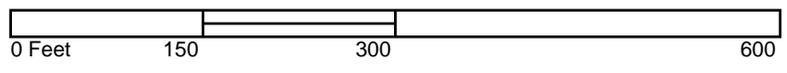
The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Certification #
4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 1992



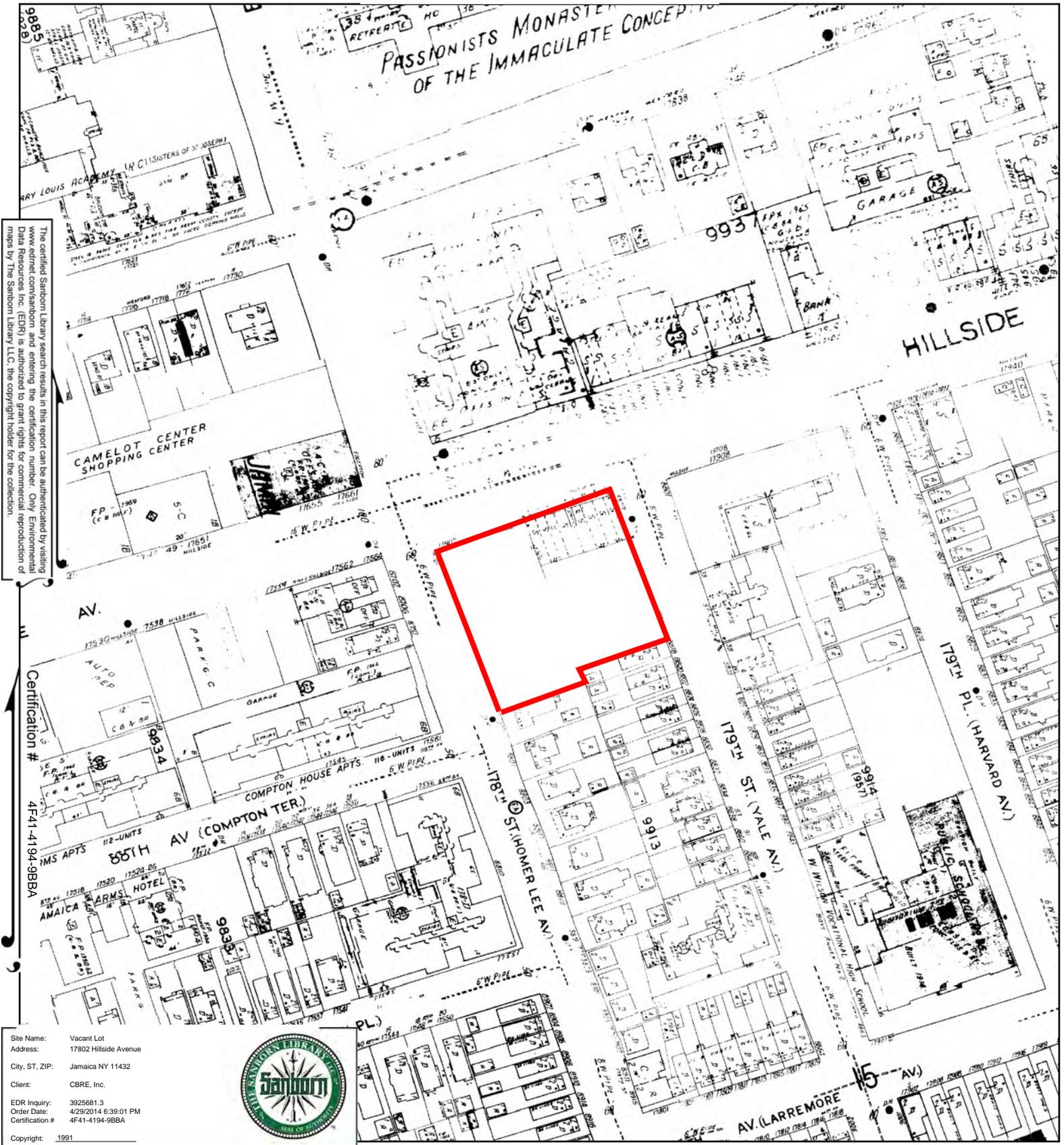
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1991 Certified Sanborn Map



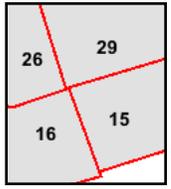
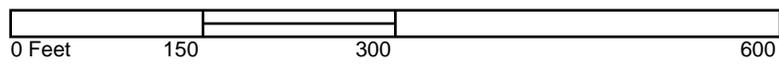
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 1991



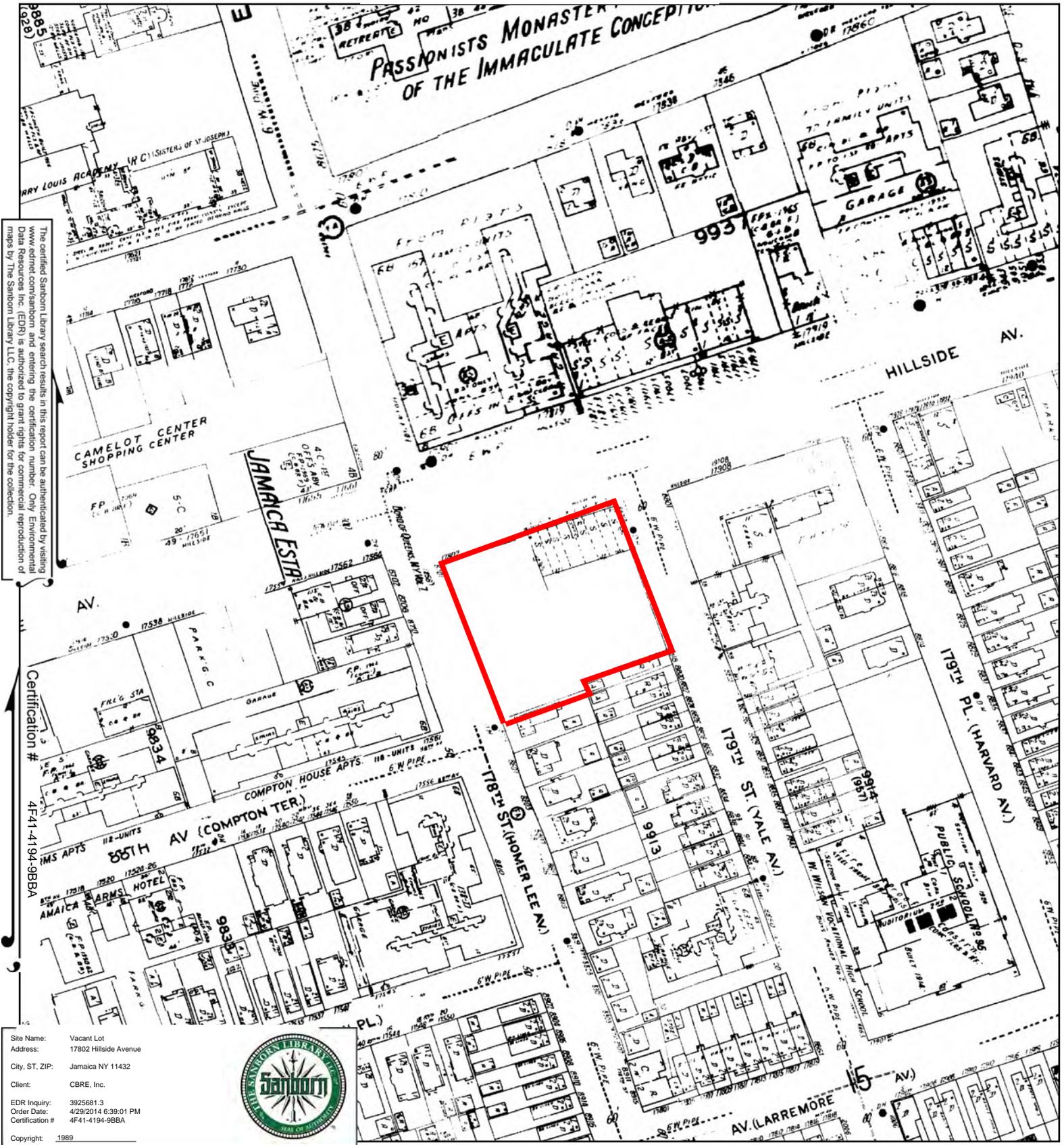
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1989 Certified Sanborn Map

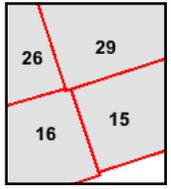
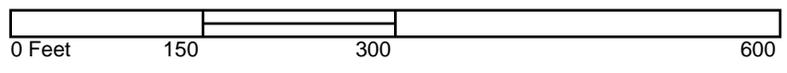


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification #: 4F41-4194-9BBA
 Copyright: 1989



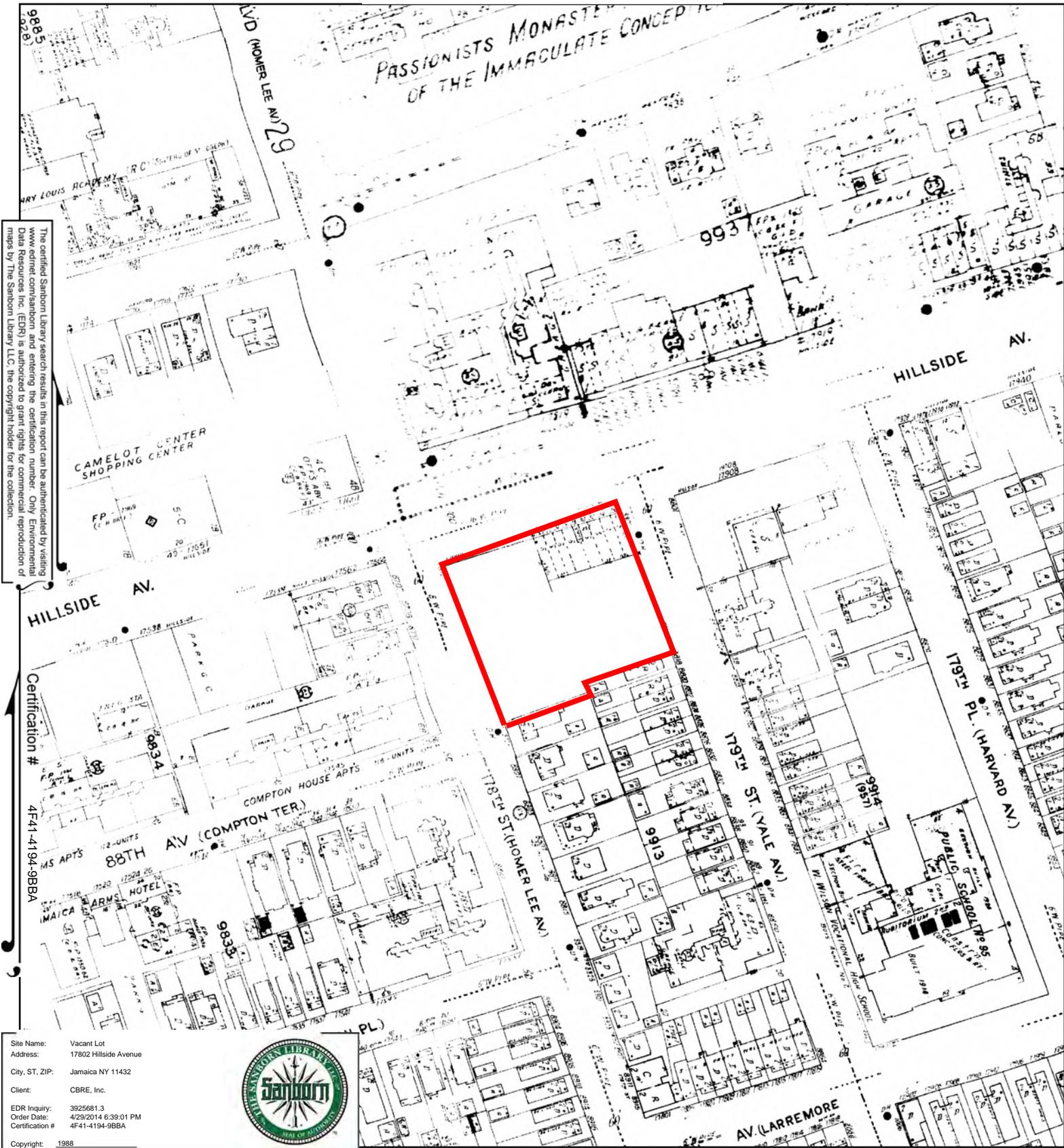
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1988 Certified Sanborn Map



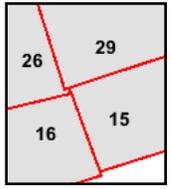
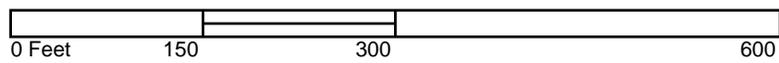
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification #: 4F41-4194-9BBA
 Copyright: 1988



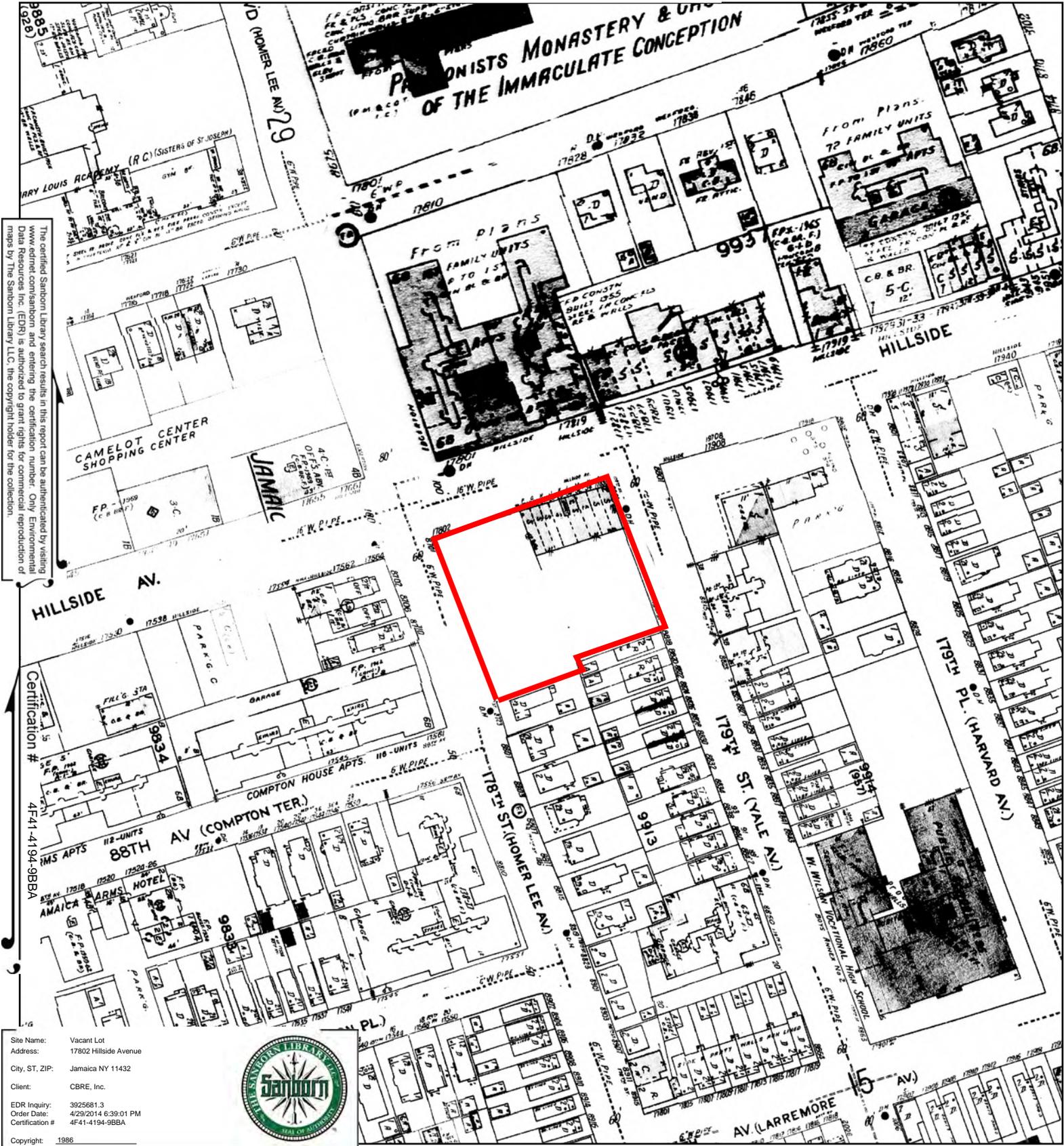
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1986 Certified Sanborn Map



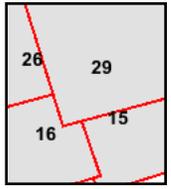
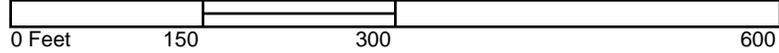
The certified Sanborn Map search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica, NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 1986



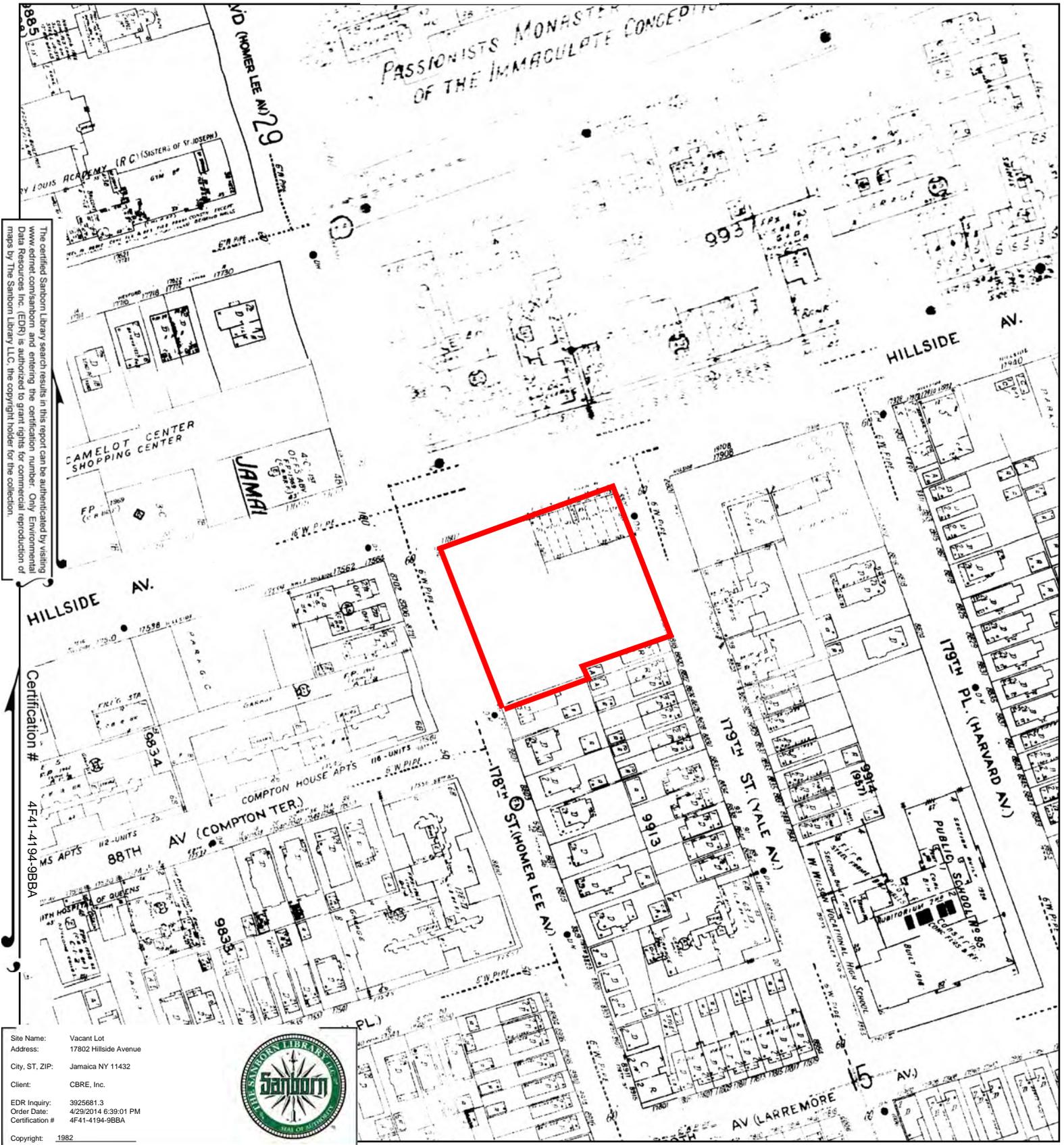
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1982 Certified Sanborn Map



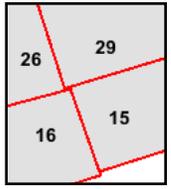
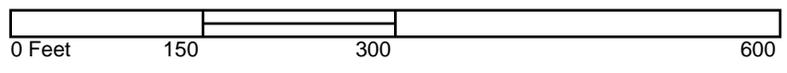
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 1982



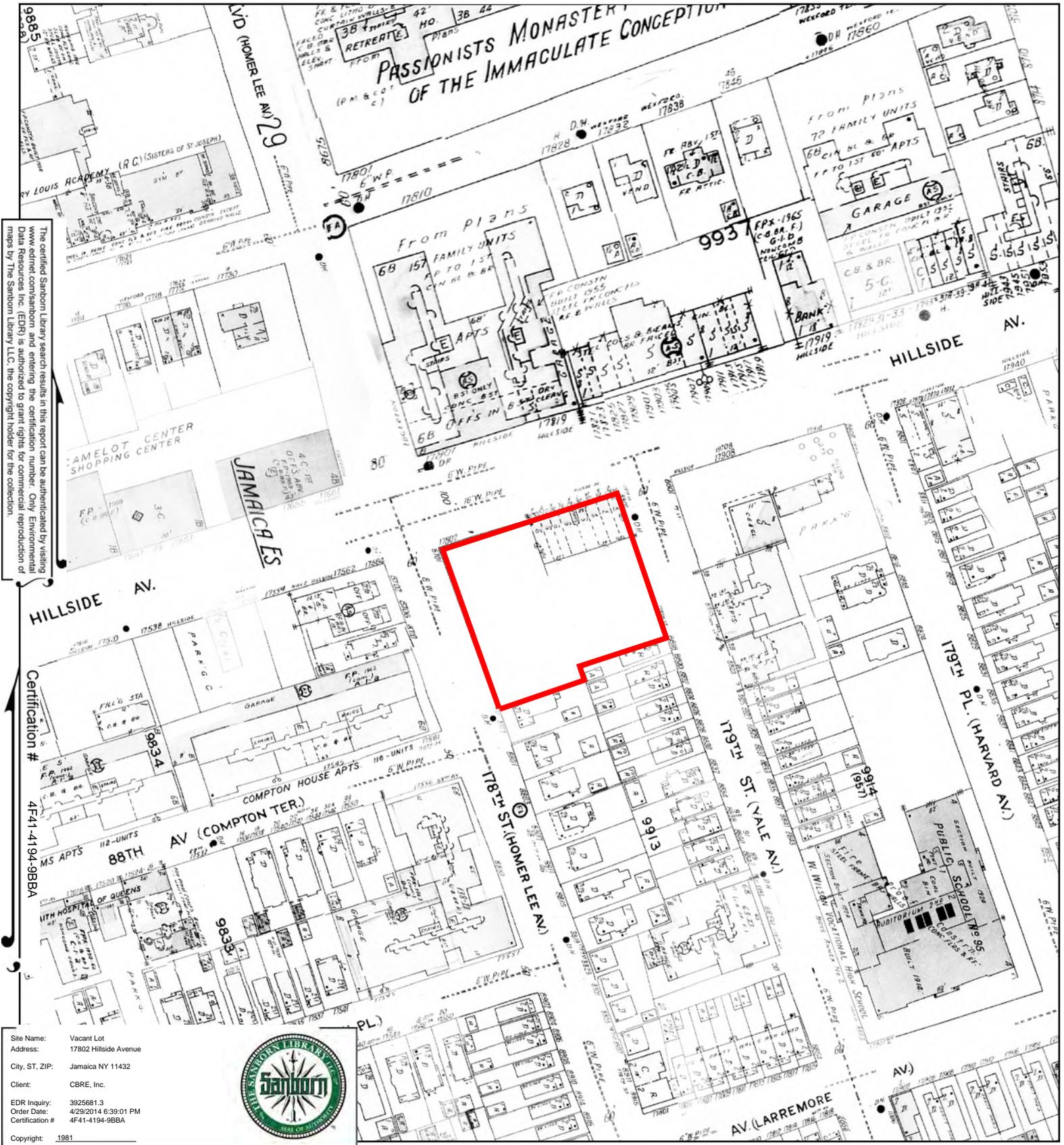
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



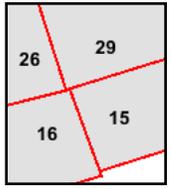
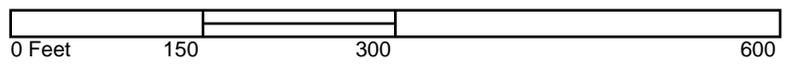
1981 Certified Sanborn Map



Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification #: 4F41-4194-9BBA
 Copyright: 1981



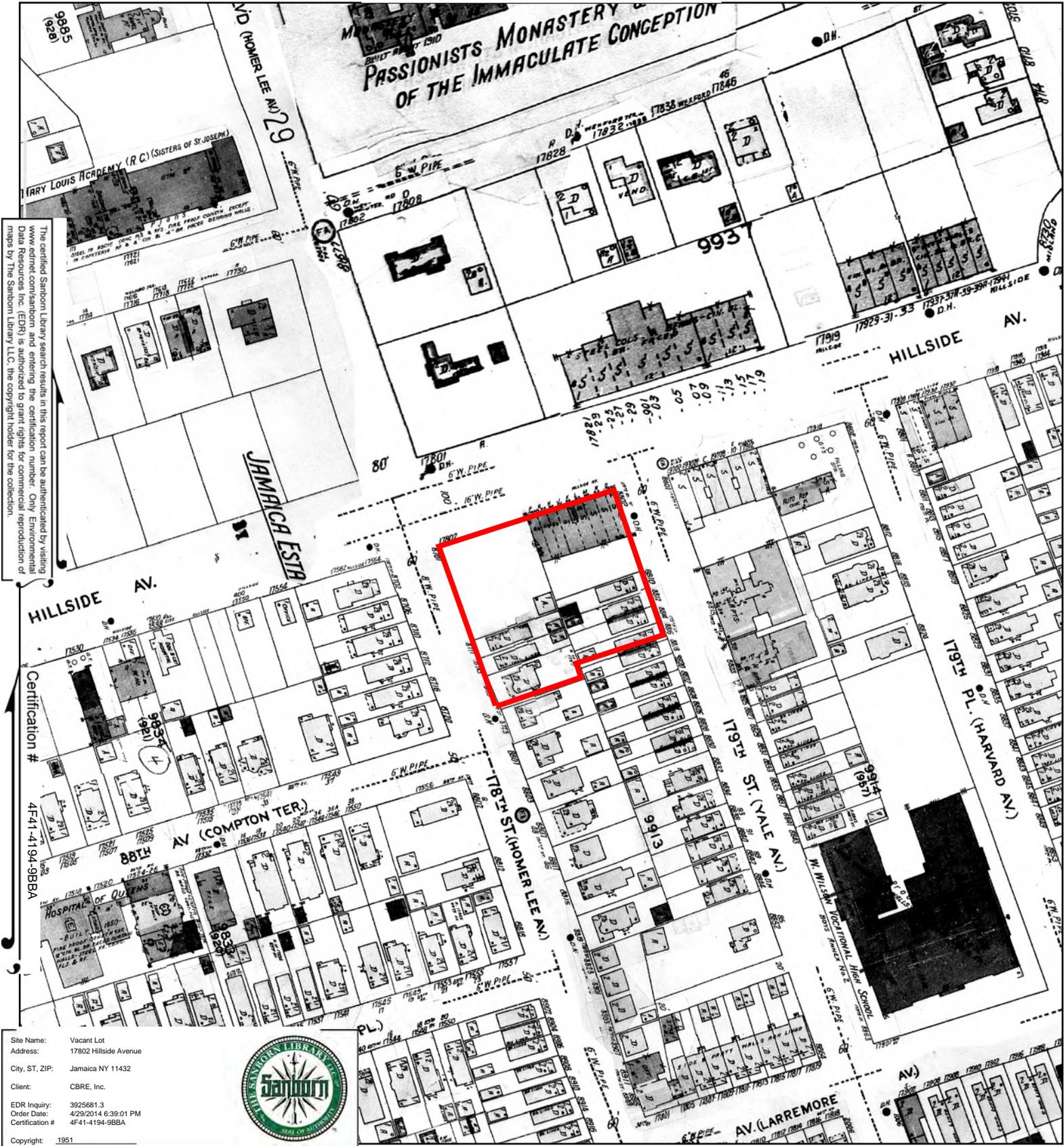
This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1951 Certified Sanborn Map

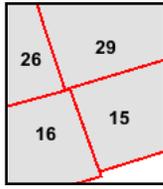
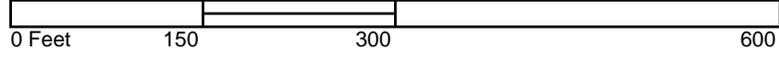


The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification #: 4F41-4194-9BBA



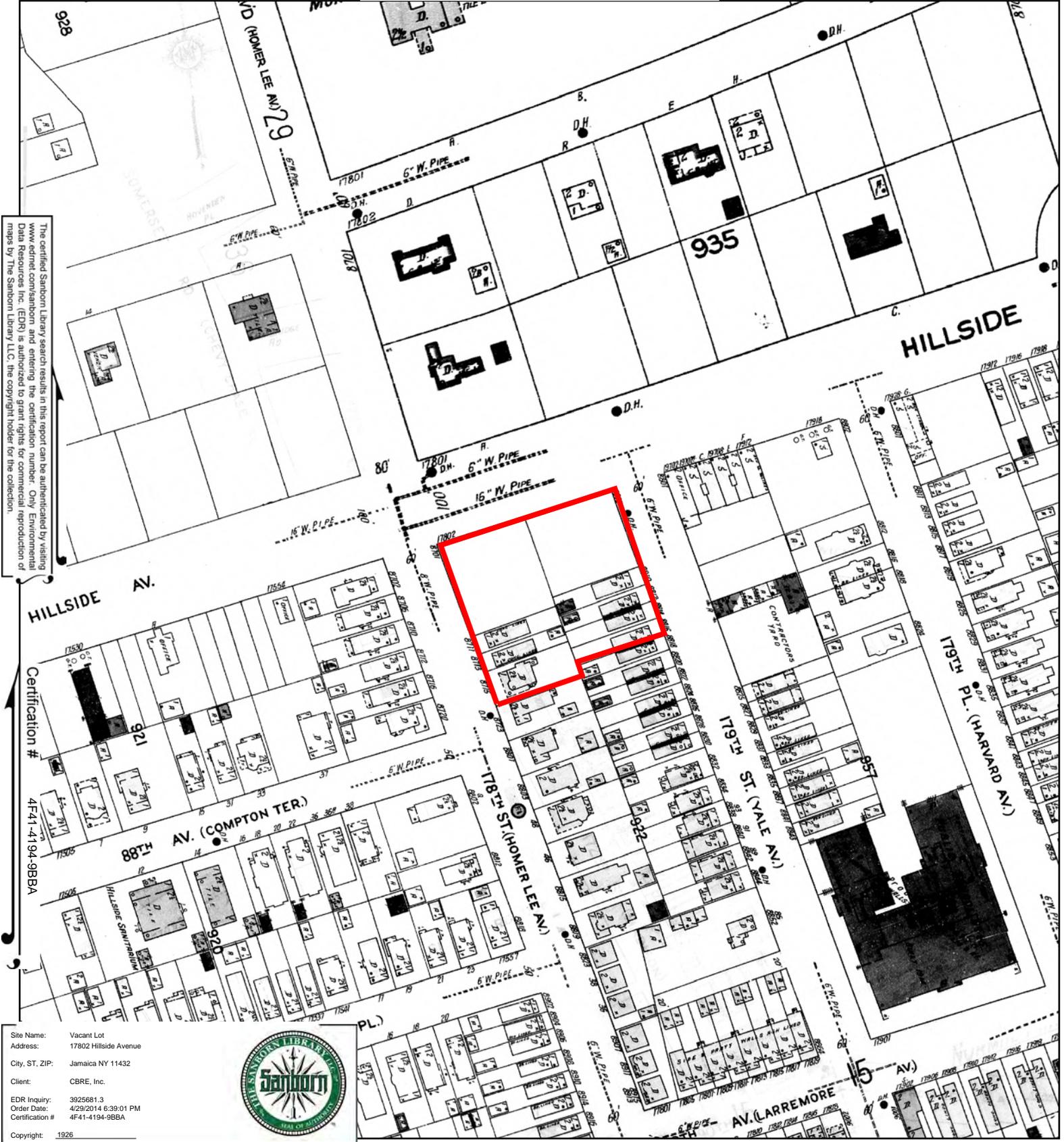
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1926 Certified Sanborn Map

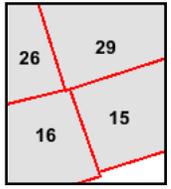
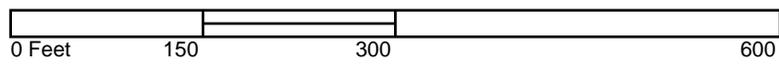


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification #: 4F41-4194-9BBA
 Copyright: 1926



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



- Volume 7, Sheet 15
- Volume 7, Sheet 16
- Volume 7, Sheet 26
- Volume 7, Sheet 29



1912 Certified Sanborn Map



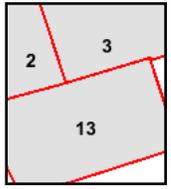
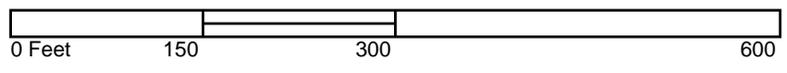
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

Certification # 4F41-4194-9BBA

Site Name: Vacant Lot
 Address: 17802 Hillside Avenue
 City, ST, ZIP: Jamaica NY 11432
 Client: CBRE, Inc.
 EDR Inquiry: 3925681.3
 Order Date: 4/29/2014 6:39:01 PM
 Certification # 4F41-4194-9BBA
 Copyright: 1912



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



Volume 7, Sheet 2
 Volume 7, Sheet 3
 Volume 7, Sheet 13



APPENDIX 6
Previous Reports
[\(Return to Section 6.9\)](#)



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 345
Commack, New York 11725
T (631) 462-5866 • F (631) 462-5877

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 • F (718) 636-0900

www.hydrotechenvironmental.com

INVESTIGATION WORK PLAN & HEALTH AND SAFETY PLAN

**178-02/20/36 Hillside Avenue
Jamaica, New York
Block 9913 Lots 25, 35, 41**

**E-175, CEQR #05DCP018Q
DEP Project #08DEPTECH280Q**

Prepared For: Mr. Gary Heath
New York City Department of Environmental Protection
Office of Environmental Planning & Assessment
59-17 Junction Boulevard
Flushing, New York 11373-5108

Prepared By: Hydro Tech Environmental Corp.
1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

Project Geologist: Timothy Lo

Prepared On: May 15, 2008

Hydro Tech Job No. 080137

INVESTIGATION WORK PLAN & HEALTH AND SAFETY PLAN

**178-02/20/36 Hillside Avenue
Jamaica, New York
Block 9913 Lots 25, 35, 41**

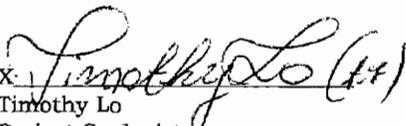
**E-175, CEQR #05DCP018Q
DEP Project #08DEPTECH280Q**

May 15, 2008

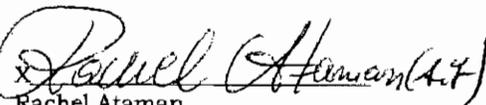
Hydro Tech Environmental Corp. has prepared this Investigation Work Plan and Health & Safety Plan on behalf of Eagle Realty, LLC for the property located at 178-02/20/36 Hillside Avenue, Block 9913, Lot 25, 35, 41 in Jamaica, New York.

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

Very Truly Yours,
Hydro Tech Environmental, Corp.

x  (17)
Timothy Lo
Project Geologist

x 
Yash Saha
Senior Chemical Engineer

x  (17)
Rachel Ataman
V.P. Technical Services

x  (15)
Mark E. Robbins, C.P.G., C.E.I.
Senior Vice President

TABLE OF CONTENTS

	<u>Page Number</u>
1.0 Executive Summary	1
2.0 Introduction	2
2.1 Site Description	2
2.2 Proposed Development.....	2
2.2 Objective & Project Goals	2
3.0 Investigation Specifications	3
3.1 Introduction	3
3.2 Ground-Penetrating Radar.....	3
3.3 Soil Probes.....	4
3.3.1 Methodology	4
3.3.2 Field Characterization.....	4
3.4 Groundwater Probes	5
3.4.1 Methodology	5
3.4.2 Sampling.....	5
3.5 Laboratory Analyticals	5
3.6 Decontamination Procedures & Quality Assurance/Quality Control	6
4.0 Report of Findings	7
5.0 Health & Safety Plan	8
5.1 Introduction	8
5.2 Health & Safety Staff	8
5.3 Chemical & Waste Description/Characterization	9
5.4 Hazard Assessment	10
5.5 Training.....	19
5.6 Medical Surveillance	21
5.7 Site Control, PPE & Communications.....	22
5.8 Air Monitoring Plan.....	24
5.9 Safety Considerations	27
5.10 Decontamination and Disposal Procedures	29
5.11 Emergency Plan.....	30
5.12 Logs, Reports & Record Keeping.....	33
5.13 Sanitation.....	34

Figure

1. Proposed Sampling Plan

Appendix

- A. Health and Safety Fact Sheets of Pesticides and PCBs
- B. Directions to the Hospital

1.0 EXECUTIVE SUMMARY

This Investigation Work Plan has been prepared on behalf of Eagle Realty, LLC to document the details and protocols for the proposed Subsurface Investigation of the property located at 178-02/20/36 Hillside Avenue, Block 9913, Lots 25, 35, 41 in Jamaica, New York.

This Investigation Work Plan has been prepared to document the proposed work to address the CEQR "E" designation assigned to the property, as documented in a May 13, 2008 Phase I Environmental Site Assessment Report done by others. The investigation will be conducted through the performance of a geophysical survey, the installation and sampling of a series of soil and groundwater probes. All portions of the fieldwork will be conducted in accordance with a site-specific Health & Safety Plan. A proposed schedule of work has been prepared.

The following sections provide the details and specific information pertaining to the various components of the Work Plan.

2.0 INTRODUCTION

Hydro Tech Environmental Corp. ("Hydro Tech") has been retained by Eagle Realty, LLC ("the Client") to prepare this Investigation Work Plan ("Work Plan") and Health & Safety Plan ("HASP") for the property located at 178-02/20/36 Hillside Avenue, Block 9913, Lots 25, 35, 41 in Jamaica, New York ("the Site" or "the Subject Property"). This Work Plan provides the protocols and specifications for the proposed subsurface investigation of the Site.

2.1 Site Description

The Site is approximately 35,500 square feet in area, and is defined by Lots 25, 35 and 41. The Site is located to the south side of Hillside Avenue between 178th Street and 179th Street in Jamaica, New York.

Lot 25 is approximately 18,750 square feet in area and consists of a parking lot. Lot 35 is approximately 9,000 square feet in area and is developed with a 2-story building with a cellar in the southwest corner of the building. Lot 41 is approximately 7,600 square feet in area and consists of a parking lot. The Site is currently vacant and unoccupied.

Access to the property is provided via Hillside Avenue to the north. The topography in and around the property is generally level.

2.2 Proposed Development

The proposed development of the property consists of a multi-story commercial building with a cellar and sub-cellar. The proposed depth of the excavation is 22 feet. The sub-cellar slab will be placed 20 feet below grade. The cellar and sub-cellar will be utilized as sub grade parking.

2.3 Objective & Project Goals

The objective of the Work Plan is to set forth the details and protocols for the characterization of the environmental quality of the Site. Specifically, the investigation is intended to address any potential impact to the Site from the historical Site operations.

All related portions of the fieldwork will be performed, at a minimum, in accordance with acceptable industry standards. These acceptable industry standards include, but are not limited to, the ASTM Standard Guide for Phase II Environmental Site Assessments (E 1903-97) and the New York State Department of Environmental Conservation (NYSDEC) Bureau of Spill Prevention & Response Sampling Guidelines and Protocols, March 1991 and NYSDEC Draft DER-10, December 2002.

3.0 INVESTIGATION SPECIFICATIONS

3.1 Introduction

The purpose of this section is to document the details and protocols intended to be utilized in the characterization of the Site. To accomplish this, Hydro Tech will initially perform a geophysical survey throughout the Site. The geophysical survey will consist of both a Ground-Penetrating Radar (GPR) survey and a magnetometer survey. Next, a series of soil and groundwater probes will be installed utilizing direct-push technology. Select soil and groundwater samples will be analyzed via numerous analytical methods. All laboratory results will be evaluated and documented in an Investigation Report.

Prior to the performance of the fieldwork, a public utility markout will be requested from the New York City-Long Island One-Call Center. This typically takes 2 to 4 days to complete. All work will be coordinated with representatives of the NYCDEP.

3.2 Geophysical Survey

The purpose of the geophysical survey is to identify the presence of any subsurface anomalies at the Site along with clearing any sampling locations of underground obstructions. The geophysical survey will consist of a GPR survey and a magnetometer survey. The GPR survey will be performed utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. The GPR operator will push the antenna over a predetermined grid that will be transposed over the entire Site. The purpose of the GPR survey is to identify the presence of subsurface anomalies such as underground tanks. In addition, the GPR survey will clear all potential sampling locations of possible sub grade obstructions.

The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated sizes of targets, which will range from 55-gallon drums up through underground storage tanks. Based upon the typical target sizes, the GPR will be set to run 25 scans per foot.

As each scan is performed, the antenna emits a specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is graphically displayed on the Control Unit, which are then interpreted by the GPR operator at the time of the survey. Additional interpretations are then conducted in the office utilizing specialized computer software.

All GPR results will be confirmed utilizing a Schonstedt GA-72CD Digital Magnetometer (magnetometer). The magnetometer survey will be performed by "waving" the magnetometer in a back and forth motion over a specific area. As the magnetometer is waved, it will emit audible signals and provides the user with a graphic display based upon received reflections from ferrous material in the subsurface. The audible signal "peaks" to maximum when the magnetometer's tip is held directly over a target.

The results of the geophysical survey will be documented in 2 forms. First, the results will be marked on the ground surface utilizing either spray paint or flags. Next, the north wing and east wing of each anomaly will be surveyed so that the results can be plotted for the final investigation report.

3.3 Soil Probes

A total of twelve (12) soil probes will be installed during the investigation. Soil probes will be assigned consecutive sampling designations SP-1 through SP-12. Soil probes SP-1 through SP-5 will be installed in Lot 25. Soil probe SP-1 will be installed in the northern portion of Lot 25. Soil probes SP-2 and SP-3 will be installed in the eastern and southern portions of Lot 25, respectively. Soil probes SP-4 and SP-5 will be installed in the western and central portions of Lot 25, respectively.

Soil probes SP-6 through SP-8 will be installed in Lot 35. Soil probe SP-6 will be installed in the cellar in the southwestern portion of the building. Soil probes SP-7 and SP-8 will be installed in the northern and eastern portions of the building on Lot 35.

Soil probes SP-9 through SP-12 will be installed in Lot 41. Soil probe SP-9 will be installed in the northern portion of Lot 41. Soil probes SP-10 and SP-11 will be installed in the eastern and southern portions of Lot 41. Soil probe SP-12 will be installed in the western portion of Lot 41. **Figure 1** provides all proposed soil probe locations.

Utilizing Hydro Tech's Geoprobe[®] 5410 which is mounted on a Ford F350, soil probes will be installed to a depth of 22 feet which correlates to the proposed depth of the excavation for the cellar slab. A remotely operated probe hydraulic unit will be utilized to install soil probe SP-6 in the cellar. The probing machines will install the soil probes utilizing direct-push (hydraulic percussion) technology.

Soil samples will be collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. The Macro Core sampler allows for the collection of both continuous as well as discrete-depth soil samples. Each sampler will be installed with 1½-inch diameter drill rods. The sample collection initially involves installing the Macro Core sampler to the desired sampling depth. A piston stop-pin is then removed from the top of the Macro Core sampler, and then it is installed the length of the sampling interval. For this investigation a soil samples will be collected from the ground surface until the water table is encountered. The sampler is then removed from the ground with the sample intact in the acetate liner.

Two soil samples will be obtained from each soil probe. One will be collected from the ground surface, a depth of approximately 2 feet below. The second one will be collected from the subsurface interval between 2-22 feet based on elevated PID readings and/or visual observations. If no elevated PID readings or visual confirmation of impacted soils are noted in the subsurface soils, then the second soil sample should be collected from the proposed excavation depth of 22 feet.

Separate aliquots of each soil sample will be placed into both airtight zip-lock bags and 4-ounce and 8-ounce jars and appropriately labeled. The Hydro Tech geologist will then characterize each soil sample in the field. The soil characterization will consist of determining the soil classification utilizing the Unified Soil Classification System and screening each sample for organic vapors utilizing a Photoionization Detector (PID).

A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors. A PID does not respond to all compounds similarly, rather, each compound has its own response factor relative to its calibration. For this investigation, the PID will be calibrated to the compound isobutylene, which is published by the manufacturer. The PID has a minimum detection limit of 0.1 parts per million (ppm). This meter measures the hydrocarbon concentrations in isolated portions of the secured samples.

Headspace analyses will be conducted on each soil sample by partially filling the zip lock bag and sealing it, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the headspace, the container will be agitated for a period of 30 seconds. The probe of the PID will then be placed within the headspace to measure the organic vapors present. Soil probe logs will then be generated based upon the soil characterization, along with the PID field screening.

Two soil samples from each probe will be analyzed for confirmatory analyses at a State-certified laboratory. If no significant levels or similar levels of organic vapors are identified in the samples, the soil samples to be analyzed will be collected from zero to 2 feet below surface grade and deepest dry sample (14 to 16 foot sample interval). See **Section 3.5** for details on the laboratory analyses.

3.4 Groundwater Probes

A total of four (4) groundwater probes will be installed at the Site utilizing Hydro Tech's Geoprobe® 5410 which is mounted on a Ford F350. Groundwater probes will be assigned consecutive sampling designations GP-1, GP-4, GP-6, and GP-10 and will be installed in the same locations as SP-1, SP-4, SP-6, and SP-10, respectively.

The groundwater probes will be installed utilizing similar technology to the soil probes (i.e. direct push). Each groundwater probe will be installed with 1½-inch diameter drill rods and consist of a 4 foot long screen with a slot size of 0.040 inches. The screen is referred to as the groundwater sampler. The groundwater sampler is situated within a watertight sheath. The sampler is initially installed so that it straddles the water table. Next, the probe is extracted 4 feet, allowing the sheath to be removed from around the screen, thereby exposing the screen to the aquifer.

Initially, each groundwater probe will be "theifed" for the presence of separate-phase product. Theifing involves the placement of dedicated polyethylene tubing inside the groundwater probe. A vacuum is maintained on the top of the tubing, then it is removed from the probe and the contents inspected for the presence of separate-phase product.

If no separate-phase product is encountered, groundwater samples will then be obtained utilizing an inertial pump. The individual components of an inertial pump consist of a stainless steel check valve and ball and dedicated polyethylene tubing. The tubing is oscillated in an up-down fashion, thereby allowing the groundwater to be brought up to the ground surface for collection. Each groundwater probe will be purged until the groundwater is turbidity-free. Each groundwater sample will then be placed into 2 pre-cleaned 40-milliliter (mL) vials, 1 pre-cleaned 500 mL plastic container and 2 pre-cleaned 1,000 mL jars, and appropriately labeled.

3.5 Laboratory Analyticals

All soil and groundwater samples will be placed in a cooler filled with ice and maintained at 4 degrees Celsius. Each sample will be transmitted under proper chain of custody procedures to a NYSDOH ELAP-certified laboratory. All soil and groundwater samples will be analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Pesticides/ Polychlorinated Biphenyls (PCBs) via EPA Method 8081/8082 and Target Analyte List (TAL) Metals. It should be noted that TAL metal analysis will be made on both filtered and unfiltered groundwater samples.

3.6 Decontamination Procedures & Quality Assurance/Quality Control

In order to ensure that cross-contamination between sampling locations does not occur, each piece of sampling equipment will be decontaminated prior to each use. The following procedure will be implemented during the decontamination process:

- Wipe clean and wash with Alconox®
- Potable water rinse
- Methanol rinse
- Deionized water rinse
- Air dry

All decontamination procedures will be performed in an area segregated from any sampling areas. Any rinsate from the decontamination area will be contained and removed from the Site.

All samples will be properly handled and placed into the appropriate labeled containers. The samples will be placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples will be transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses. All holding times for each matrix and analysis will be met.

4.0 REPORT OF FINDINGS

A Site Investigation Report will be prepared following the completion of the fieldwork and the laboratory analyses. This report will contain the findings and conclusions of the investigation and will include appropriate maps and diagrams, GPR reports, tabulations of all analytical data, written narratives, boring logs and appendices. This report will also contain recommendations for further remedial technologies, if necessary.

All soil quality results will be compared to the Recommended Soil Cleanup Objectives (RSCOs) documented in New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) #4046 entitled Determination of Soil Cleanup Objectives and Cleanup Levels. All groundwater quality results will be compared to the Groundwater Quality Standards (GQS) documented in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 entitled Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

5.0 HEALTH & SAFETY PLAN

5.1 Introduction

The HASP has been prepared in conformance with applicable regulations, safe work practices and the project's requirements. It addresses those activities associated with the installation, sampling of soil and groundwater probes and the infield characterization of soil samples. The Project Manager (PM), Site Safety Officer (SSO) and Hydro Tech field staff will implement the Plan during site work. Compliance with this HASP is required of all persons and third parties who perform fieldwork for this project. Assistance in implementing this HASP can be obtained from the Hydro Tech's SSO. The content of this HASP may change or undergo revision based upon additional information that is made available to health and safety personnel, monitoring results or changes in the technical scope of work. Any changes proposed must be reviewed by the SSO.

SCOPE OF WORK

The Scope of Work activities will include the following:

- Performance of a Geophysical Survey
- Installation of Soil Probes and Groundwater Probes
- Characterization and Collection of Soil & Groundwater Samples

EMERGENCY NUMBERS

	Phone Number
Queens Hospital Center	(718) 883-6500
New York City EMS	911
NYPD	911
NYFD	911
National Response Center	800-424-8802
Poison Information Center	800-562-8816
Chemtree	800-424-9555

Project Management/Health and Safety Personnel

Title	Contact	Phone Number	Cell Phone
Senior Geologist	Rachel Ataman	(631) 462-5866	(631)457-0032
Site Safety Officer	Jessica Proscia	(631) 462-5866	(631)457-0523
Project Geologist	Timothy Lo	(718) 636-0800	(631)433-5048

Directions to Queens Hospital Center (see attached map)

Upon leaving the Site, start going east on Hillside Avenue and then turn right at 179th Street. Turn right at Jamaica Avenue after approximately 0.3 miles. Turn left at 168th Street after approximately 0.6 miles. Turn right at 93rd Avenue and the hospital will be on the RIGHT side.

5.2 Health and Safety Staff

This section briefly describes the personnel and their health and safety responsibilities for the:

PROJECT GEOLOGIST - Timothy Lo

- Has the overall responsibility for the health and safety of site personnel
- Ensures that adequate resources are provided to the field health and safety staff to carry out their responsibilities as outlined below.
- Ensures that fieldwork is scheduled with adequate personnel and equipment resources to complete the job safely.
- Ensures that adequate telephone communication between field crews and emergency

- Ensures that adequate telephone communication between field crews and emergency response personnel is maintained.
- Ensures that field site personnel are adequately trained and qualified to work at the Site.

SITE SAFETY OFFICER – Jessica Proscia

- Directs and coordinates health and safety monitoring activities.
- Ensures that field teams utilize proper personal protective equipment (PPE).
- Conducts initial on-Site, specific training prior to personnel and/or subcontractors proceeding to work.
- Conducts and documents periodic safety briefings; ensures that field team members comply with this HASP.
- Completes and maintains Accident/Incident Report Forms.
- Notifies Hydro Tech corporate administration of all accidents/incidents.
- Determines upgrade or downgrade of PPE based on site conditions and/or downgrade of PPE based on site conditions and/or real-time monitoring results.
- Ensures that monitoring instruments are calibrated daily or as determined by manufactured suggested instructions.
- Maintains health and safety field log books.
- Develops and ensures implementation of the HASP.
- Approves revised or new safety protocols for field operations.
- Coordinates revisions of this HASP with field personnel and the SSO Division Contracting Officer.
- Responsible for the development of new company safety protocols and procedures and resolution of any outstanding safety issues which may arise during the conduction of site work.
- Reviews personnel and subcontractors current and up-to-date medical examination and acceptability of health and safety training.

FIELD PERSONNEL AND SUBCONTRACTORS (IF ANY)

- Reports any unsafe or potentially hazardous conditions to the SSO.
- Maintains knowledge of the information, instructions and emergency response actions contained in this HASP.
- Comply with rules, regulations and procedures as set forth in this HASP and any revisions that are instituted.
- Prevents admittance to work sites by unauthorized personnel.

5.3 Chemical & Waste Description/Characterization

The following list of chemicals is based on the materials either once stored on-Site or believed to be formerly stored on-Site:

- Unknown Contaminant(s) including VOCs, SVOCs, Pesticides, PCBs and TAL metals.

Appendix A contains information regarding assessing health risks from pesticides and PCBs.

The following information references are presented in order to identify the properties and hazards of the materials that may/will be encountered at the Site.

- Dangerous Properties of Industrial Materials - Sax
- Chemical Hazards of the Workplace - Proctor/Hughes
- Condensed Chemical Dictionary - Hawley
- Rapid Guide to Hazardous Chemical in the Workplace - Lewis 1990.
- NIOSH Guide to Chemical Hazards - 1990
- ACGIH TLV Values and Biological Exposure Indices - 1991-1992

5.4 Hazard Assessment

The potential hazards associated with planned site activities include chemical, physical and biological hazards. This section discusses those hazards that are anticipated to be encountered during the activities listed in the scope of work.

The potential to encounter chemical hazards is dependent upon the work activity performed (invasive or non-invasive), the duration and location of the work activity. Such hazards could include inhalation or skin contact with chemicals that could cause: dermatitis, skin burn, being overcome by vapors or asphyxiation. In addition, the handling of contaminated materials and chemicals could result in fire and/or explosion.

The potential to encounter physical hazards during site work includes: heat stress, exposure to excessive noise, loss of limbs, being crushed, head injuries, cuts and bruises and other physical hazards due to motor vehicle operation, heavy equipment and power tools.

CHEMICAL HAZARDS

The potential for personnel and subcontractors to come in contact with chemical hazards may occur during the following tasks:

- Installation of soil/groundwater probes.
- Removal of any dedicated, contaminated materials during sampling.

Exposure Pathways

Exposure to these compounds during ongoing activities may occur through inhalation of contaminated dust particles, inhalation of volatile (VOC) and semi-volatile (SVOC) vapor fume compounds, by way of dermal absorption, and accidental ingestion of the contaminant by either direct or indirect cross contamination activities (eating, smoking, poor hygiene). Indirectly, inhalation of contaminated dust particles (metals, silica, VOCs, SVOCs) can occur during adverse weather conditions (high or changing wind directions) or during operations that may generate airborne dust such as excavation, and sampling activities. Dust control measures such as applying water to roadways and work sites will be implemented, where visible dust is generated from non-contaminated and contaminated soils. Where dust control measures are not feasible or effective, respiratory protection will be used.

Additional Precautions

Dermal absorption or skin contact with chemical compounds is possible during invasive activities at the Site, including removal of product, excavation of tanks, and handling of contaminated soils. The use of PPE in accordance with Section 9.2 and strict adherence to proper decontamination procedures should significantly reduce the risk of skin contact.

The potential for accidental ingestion of potentially hazardous chemicals is expected to be remote, when good hygiene practices are used.

PHYSICAL HAZARDS

A variety of physical hazards may be present during Site activities. These hazards are similar to those associated with any construction type project. These physical hazards are due to motor vehicles, and heavy equipment operation, the use of improper use of power and hand tools, misuse of pressurized cylinders, walking on objects, tripping over objects, working on surfaces which have the potential to promote falling, mishandling and improper storage of solid and hazardous materials, skin burns, crushing of fingers, toes, limbs, hit on the head by falling objects or hit one's head due to not seeing the object of concern, temporary loss of one's hearing and/or eyesight. These hazards are not unique and are generally familiarly to most hazardous waste site workers at construction sites. Additional task specific safety requirements will be covered during safety briefings.

Noise

Noise is a potential hazard associated with operation of heavy equipment, power tools, pumps and generators. High noise operators will be evaluated at the discretion of the SSO. Employees with an 8-hour time weighted average exposure exceeding 85 decibels (db) will be included in the hearing conservation program in accordance with 29 CFR 1910.85.

It is mandated that employees working around heavy equipment or using power tools that dispense noise levels exceeding 95 db are to wear hearing protection that shall consist of earplugs and earphones. This is particularly relevant as the jet engines of modern airplanes can give sound level readings of greater than 110 db.

Heat/Cold Stress

Extremes in temperature and the effects of hard work in impervious clothing can result in heat stress and/or hypothermia. The human body is designed to function at a certain internal temperature. When metabolism or external sources (fire, hot summer day, winter weather, etc.) cause the body temperature to rise or fall excessively, the body seeks to protect itself by triggering cooling/warming mechanisms. Profuse sweating is an example of a cooling mechanism, while uncontrollable shivering is an example of a warming mechanism. The SSO monitor the temperature to determine potential adverse affects the weather can cause on site personnel.

Protective clothing worn to guard against chemical contact effectively stops the evaporation of perspiration. Thus the use of protective clothing increases heat stress problems. Cold stress can easily occur in winter with sub-freezing ambient temperatures. Workers in protective garments may heat-up and sweat, only to rapidly cool once out of the tank and the PPE. The major disorders due to heat stress are heat cramps, heat exhaustion and heat stroke.

HEAT CRAMPS are painful spasms that occur in the skeletal muscles of workers who sweat profusely in the heat and drink large quantities of water, but fail to replace the body's lost salts or electrolytes. Drinking water while continuing to lose salt tends to dilute the body's extra cellular fluids. Soon water seeps by osmosis into active muscles and causes pain. Muscles fatigued from work as usually most susceptible to cramps.

HEAT EXHAUSTION is characterized by extreme weakness or fatigue, dizziness, nausea, and headache. In serious cases, a person may vomit or lose consciousness. The skin is clammy and moist, complexion pale or flushed, and body temperature normal or slightly higher than normal. Treatment is rest in a cool place and replacement of body water lost by perspiration. Mild cases may recover spontaneously with this treatment; severe cases may require care for several days. There are no permanent effects.

HEAT STROKE is a very serious condition caused by the breakdown of the body's heat regulating mechanisms. The skin is very dry and hot with red mottled or bluish appearance.

Unconsciousness, mental confusion or convulsions may occur. Without quick and adequate treatment, the result can be death or permanent brain damage. Get medical assistance quickly! As first aid treatment, the person should be moved to a cool place. Soaking the person's clothes with water and fanning them should reduce body heat artificially, but not too rapidly.

Steps that can be taken to reduce heat stress are:

- Acclimatize the body. Allow a period of adjustment to make further heat exposure endurable.
- Drink more liquids to replace body water lost during sweating.
- Rest is necessary and should be conducted under the monitoring condition from the SSO and the effect personnel physiological state.
- Wearing personal cooling devices. There are two basic designs; units with pockets for holding frozen packets and units that circulate a cooling fluid from a reservoir through tubes to different parts of the body. Both designs can be in the form of a vest, jacket or coverall. Some circulating units also have a copy for cooling the head.

Cold temperatures can cause problems. The severe effects are FROSTBITE and HYPOTHERMIA.

FROSTBITE is the most common injury resulting from exposure to cold. The extremities of the body are often affected. The signs of frostbite are:

- The skin turns white or grayish-yellow.
- Pain is sometimes felt early but subsides later. Often there is no pain.
- The affected part feels intensely cold and numb.

Shivering, numbness, drowsiness, muscular weakness and a low internal body temperature characterize the condition known as HYPOTHERMIA. This can lead to unconsciousness and death. With both frostbite and hypothermia, the affected areas need to be warmed quickly. Immersing in warm, not hot, water best does this. In such cases medical assistance will be sought.

To prevent these effects from occurring, persons working in the cold should wear adequate clothing and reduce the time spent in the cold area. The field SSO, to determine appropriate time personnel may spend in adverse weather conditions, will monitor this.

Lockout/Tagout

PURPOSE -- This program establishes procedures for de-energizing, isolating and ensuring the energy isolation of equipment and machinery. The program will be used to ensure that equipment and machinery is de-energizing and isolated from unexpected energization by physically locking (Lockout) energy isolation devices or, in the absence of locking capabilities, tagout (Tagout) the device to warn against energization. These procedures will provide the means of achieving the purpose of this program, prevention of injury to Hydro Tech employees from the unexpected energization or start-up of equipment and machinery, or from the release of stored energy.

APPLICATION -- This program applies to the control of energy during the servicing and/or maintenance of equipment and machinery. This program covers normal operations only if a guard or other safety device is removed or bypassed, or any part of the body is placed into an area of the equipment or machinery where work is performed on the material, or a danger zone exists during the operating cycle. Minor tool changes, adjustments, and other minor servicing activities which take place during normal production operations do not require isolation and lockout/tagout if they are routine and integral to the use of the equipment.

SCOPE -- This program will include all employees whose duties require them to service, install, repair, adjust, lubricate, inspect or perform work on powered equipment or machinery that may also have the potential for stored energy.

PROGRAM RESPONSIBILITIES -- The SSO will have the overall responsibility of the program to ensure that; authorized and affected employees receive adequate training and information, the program is evaluated annually, and the lockout/tagout equipment is properly used and the procedures of this program are followed.

The program evaluation will be conducted to ensure that the procedures and requirements of the program are being followed and will be utilized to correct any deviations or inadequacies that may be discovered. The evaluation will consist of one or more inspections or audits of actual lockout/tagout procedures being used to isolate equipment. A review of the authorized and affected employee's responsibilities will be conducted at the time of the inspection /audit. Any authorized employee, except the one(s) utilizing the energy isolation procedure being inspected, may perform the inspection/audit.

A record will be maintained of program evaluation inspections and will include:

1. The identity of the equipment or machine on which energy control procedures were being utilized.
2. The date(s) of the inspection(s).
3. The employee(s) included in the inspection(s).
4. The person performing the inspection.

Authorized employees (persons who implement lockout/tagout procedures) will be responsible for following the procedures established by this program.

Affected employees are responsible for understanding the significance of a lockout/tagout device and the prohibition relating to attempts to restart or re-energize equipment or machinery that is locked out or tagged out.

TRAINING -- Where applicable, Hydro Tech employees will be provided instruction in the purpose and functions of the energy control program to ensure that they understand the significance of locked or tagged out equipment and also have the knowledge and skill to correctly apply and remove energy controls. Training will include:

1. The recognition of applicable hazardous energy source(s), the type and magnitude of energy available, and the policies and procedures of the HTE energy control program.
2. Affected employees will be made aware of the purpose and use of energy control procedures and the prohibition relating to attempts to remove lockout or tagout devices.
3. Instruction in the limitations of tagout as a sole means of energy control.
 - a. Tags are warning devices and do not provide the physical restraint that a lock would.
 - b. Tags may provide a false sense of security.
 - c. Tags may become detached during use.

Initial training will be provided during to energy control program implementation, when new employees are hired or when job responsibilities change to include utilization of energy control procedures.

Retraining will be conducted whenever there is a change in job assignments that require the employee to utilize energy control procedures, a change in equipment that presents a new hazard, a change in the energy control procedures or when the program evaluation identifies inadequacies in the energy control program procedures.

Records of employee training will be maintained and will include the employee's name and date(s) of training.

STANDARD OPERATING PROCEDURES –where necessary, HTE will provide the necessary devices to effectively lockout or tagout energy isolating devices. Lockout/tagout devices will be the only devices used for controlling energy and shall not be used for other purposes. Any device used for lockout/tagout will be capable of withstanding the environment to which they are exposed for the maximum period they are to be exposed. The devices will be substantial enough to prevent removal without excessive force. Excessive force for a locking device would be bolt cutters or other metal cutting tools. Tagout devices will be attached by a non-reusable method, attachable by hand, and very difficult to remove by hand. A nylon cable tie or equivalent will be used.

Lockout/tagout devices will indicate the identity of the employee who applied the device, and the tagout device will warn against the hazards if the equipment is energized.

Lockout is the preferred method of energy isolation. When physical lockout is not possible, the energy isolation will be tagged out of service with a warning tag attached at the power source. In the case of plug-in power source, the tag will be attached at the male plug. To ensure full employee protection using tagout instead of lockout, additional steps should be taken to guard against accidental or inadvertent energization. These steps may include, where applicable: removal of fuses, blocking switches, removal of a valve handle.

STANDARD OPERATING PROCEDURES

I. APPLICATION OF CONTROLS

A. Preparing to Shut Down Equipment

1. Prior to equipment shutdown, the authorized employee(s) must have knowledge of:
 - a. The type(s) and magnitude of power.
 - b. The hazards of the energy to be controlled.
 - c. The method(s) to control the energy.
 - d. The location and identity of all isolating devices that control or feed the equipment to be locked/tagged out.
2. Notify all affected employees that the lockout/tagout system will be in effect.

3. Assemble applicable lockout/tagout devices, i.e., padlocks, tags, multiple lock hasps, etc.

B. Equipment Shutdown and Isolation

1. If equipment is in operation, shut it down by the normal stopping procedure (stop button, switch).
2. Operate disconnects, switches, valves, or other energy isolating devices so that the equipment is de-energizing and isolated from its energy source(s).
3. Verify that equipment is shut down by operating equipment from the normal operating location and any remote locations.

C. Installation of Lockout/Tagout Device, Release of Stored Energy, and Verification

1. Attach individually assigned lock(s) or tag(s) to energy isolating device(s). Where it is not possible to lock a switch, valve or other isolating device, electrical fuses must be removed, blank flanges installed in piping, lines disconnected, or other suitable methods used to ensure that equipment is isolated from energy sources. A tag must be installed at the point of power interruption to warn against energizing.
 - a. Each lock or tag must positively identify the person who applied it and locks must be individually keyed.
 - b. If more than one person is involved in the task, employees will place their own lock and tag. Multiple lock hasps are available for this.
2. Release, restrain, or dissipate stored energy such as spring tension, elevated machine members, rotating flywheels, hydraulic pressure, pistons and air, gas, steam, water pressure, etc. by repositioning, blocking bleeding, or other suitable means.
3. Prior to starting work on equipment and after ensuring that no personnel are exposed, the authorized employee will verify that isolation and de-energization have been accomplished by:
 - a. Attempting, through normal effort, to operate energy isolating devices such as switches, valves, or circuit breaker with locks or tags installed.
 - b. Attempting to operate the equipment or machinery that is locked or tagged out. This includes all sources of energy, i.e. electrical, hydraulic, gravity, air, water, steam pressure, etc.
 - c. Verifying the presence and effectiveness of restraint (blocking) and energy dissipation or release (bleeding).
4. If there is a possibility of the re-accumulation of stored energy to a hazardous level, verification of isolation will be contained until the servicing or maintenance is completed, or until the possibility of such accumulation no longer exists.

D. Group Lockout/Tagout

1. When more than one individual is involved in locking or tagging equipment out of operation, each individual will attach their individual lock or tag, or the equivalent, to the energy isolating device(s).
 - a. An equivalent lockout device may be in the form of a group lockout device such as a multiple lock hasp or lock box.
 - b. Primary responsibility for a group of authorized employees working under a group lockout device will be vested in a designated authorized employee.
 - c. Group lockout methods will provide a level of protection equal to that afforded by a personal lockout/tagout device.

II. RETURNING EQUIPMENT TO SERVICE

A. Restore Equipment to Normal Operating Status

1. Re-install all parts or subassemblies removed for servicing or maintenance.
2. Re-install all tools, rests, or other operating devices
3. Re-install all guards and protective devices (i.e. limit switches).

4. Remove all blocks, wedges, or other restraints from the operating area of the equipment (ways, slides, etc.).
 5. Remove all tools, equipment, and shop towels from the operating area of the equipment.
- B. Verify Equipment Ready for Operation
1. Inspect area for non-essential items
 2. Ensure that all employees are safely positioned clear of the operating areas of the equipment. Post a watch if energy isolation devices are not in line of sight of the equipment.
- C. Notify Affected Employees of Impending Start-up
1. The sudden noise of start-up may startle nearby employees.
 2. Equipment may need to be tested to determine operational safety by a qualified operator.
- D. Remove Energy Isolation Devices - Only by authorized employee(s) who installed it/them.
1. Remove line blanks, reconnect piping (if applicable), and remove warning tag.
 2. Close bleeder valves, remove warning tag.
 3. Replace fuse(s), close circuit breaker(s) and remove warning tag.
 4. Remove lock and tag from control panel, valve, etc.

Employee(s) who installed them may make an exception for removal of lockout/tagout devices. If it is necessary to operate a piece of equipment that is locked/tagged out, every effort must be made to locate the employee whose lock or tag is on the equipment. If he or she cannot be located and only after positive assurance is made that no one is working on the locked out equipment, the supervisor may personally remove the lock. The supervisor must assure that the equipment is once again locked out, or the employee notified that the equipment has been re-energized, before the employee resumes work. Employees will recheck locked out equipment if they have left the equipment (breaks, lunch, and end of shift) to make sure it is still de-energized and locked out.

III. TEMPORARY REMOVAL OF LOCKOUT/TAGOUT PROTECTION

- A. In situations when the equipment must be temporarily energized to test or position the equipment or its components, the following steps will be followed:
1. Clear the equipment of tools and materials that are non-essential to the operation.
 2. Ensure the equipment components are operationally intact.
 3. Remove employees from the equipment area.
 4. Remove the lockout/tagout devices by the employee who installed in/them.
 5. Energize and proceed with testing or positioning.
 6. De-energize all systems and re-install all energy control measures.
 7. Verify re-installed energy control measures are effective.

IV. SHIFT OR PERSONNEL CHANGES

- A. The following steps will be followed to ensure continuity of employee protection during personnel changes.
1. All personnel involved in the maintenance or servicing activity will be notified that a transfer of personal locks/tags is about to occur.
 2. Clear all personnel from hazardous area(s) of equipment.
 3. Under the supervision of the shift supervisor or group designee, the off-going employee will immediately install theirs.
 - a. If an entire group or more than one employee will be transferring work responsibility, locks/tags will be removed and replaced one at a time in order of installation.

4. When the transfer of lockout/tagout devices is complete, the effectiveness of all energy isolation devices will be verified to the satisfaction of all personnel involved.
5. Once the effectiveness of energy isolation protection is confirmed, the service/maintenance operation may continue.

V. CONTRACTOR NOTIFICATION

- A. Whenever outside personnel may be engaged in activities covered by this program, they will inform the contractor of applicable lockout/tagout procedures used to protect Hydro Tech employees from the hazards of working near energized equipment.
 1. The contractor will be expected to ensure that his/her employees understand and comply with the restrictions and prohibitions of this program.
 2. Hydro Tech requires, under these circumstances, the contractor to inform us of their lockout/tagout procedures so that HTE employees can comply with the restrictions and prohibitions of the contractor's program.
 3. Hydro Tech also requires the contractor to notify the program administrator, the area supervisor, and affected Hydro Tech employees prior to de-energizing, isolating and locking out Hydro Tech equipment. Conversely, notification is also required when this equipment will be returned to service.

DEFINITIONS

Affected employee - An employee whose job requires him/her to operate or use a machine or equipment on which servicing or maintenance is being performed under lockout or tagout, or whose job requires him/her to work in an area in which such servicing or maintenance is being performed.

Authorized employee(s) - A person or persons who locks or implements a tagout system procedure to perform servicing or maintenance on a machine or equipment. An authorized employee and an affected employee may be the same person when the affected employee's duties also include performing maintenance or service on a machine or equipment that must be locked or tagged out.

"Capable of being locked out" - An energy isolating device will be considered to be capable of being locked out either if it is designed with a hasp or other attachment or integral part to which, or through which, a lock can be affixed, or if it has a locking mechanism built into it. Other energy isolating devices will also be considered to be capable of being locked out, if lockout can be achieved without the need to dismantle, rebuild, or replace the energy-isolating device or permanently alter its energy control capability.

Energized - Connected to an energy source or containing residual or stored energy.

Energy isolating device - A mechanical device that physically prevents the transmission or release of energy, including but not limited to the following: a manually operated electrical circuit breaker; a disconnect switch; a manually operated switch by which the conductors of a circuit can be disconnected from all ungrounded supply conductors and, in addition, no pole can be operated independently; a slide gate; a slip blind; a line valve; a block; and any similar device used to block or isolate energy. The term does not include a push button, selector switch, and other control circuit type devices.

Energy source - any source of electrical, mechanical, hydraulic, pneumatic, chemical, thermal or other type of energy.

Lockout - The placement of lockout device on an energy-isolating device, in accordance with an established procedure, is ensuring that the energy isolating device and the equipment being controlled cannot be operated until the lockout device is removed.

Lockout device - A device that utilizes positive means such as a lock, either key or combination type, to hold an energy isolating device in the safety position and prevent the energizing of a machine or equipment.

Normal production operations - The utilization of a machine or equipment to perform its intended production function.

Servicing and/or maintenance - Workplace activities such as constructing, installing, setting up, adjusting, inspecting, modifying, and maintaining and/or servicing machines or equipment. These activities include lubrication, cleaning or unjamming of machines or equipment and making adjustments or tool changes, where the employee may be exposed to the unexpected energization or startup of the equipment or release of hazardous energy.

Setting up - Any work performed to prepare a machine or equipment to perform its normal production operation.

Stored energy - Energy that is available and may cause movement even after energy sources have been isolated. Stored energy may be in the form of compressed springs, elevated equipment components, hydraulic oil pressure, pressurized water, air, steam, or gas, or rotating flywheels, shafts or cams.

Tagout - The placement of a tagout device on an energy-isolating device, in accordance with an established procedure, to indicate that the energy isolating device and the equipment being controlled may not be operated until the tagout device is removed.

Tagout device - A prominent warning device, such as a tag and a means of attachment, which can be securely fastened to an energy isolating device in accordance with an established procedure, to indicate that the energy isolating device and the equipment being controlled may not be operated until the tagout device is removed.

GENERAL MACHINERY AND EQUIPMENT LIST

EQUIPMENT/LOCATION

- A. Geoprobe Probing Machine
- B. Ground-Penetrating Radar Machine

ENERGY SOURCES/LOCATION

- Diesel Engine
- Internal Lithium battery.

5.5 Training

GENERAL HEALTH AND SAFETY TRAINING

In accordance with Hydro Tech corporate policy, and pursuant to 29 CFR 1910.120, hazardous waste site workers shall, at the time of job assignment, have received a minimum of 40 hours of initial health and safety training for hazardous waste site operations. As a minimum, the training shall have consisted of instruction in the topics outlined in the above reference. Personnel who have not met the requirements for initial training will not be allowed to work in any site activities in which they may be exposed to hazards (chemical or physical).

Completion of the Hydro Tech Health and Safety Training Course for Hazardous Waste Operations or an approved equivalent will fulfill the requirements of this section. In addition to the required initial training, each employee shall have received 3 days of directly supervised on-the-job training. This training will address the duties the employees are expected to perform.

The Hydro Tech SSO the responsibility of ensuring that personnel assigned to this project complies with these requirements. Written certification of completion of the required training will be provided to the SSO.

MANAGER/SUPERVISOR TRAINING

In accordance with 29 CFR 1910.120, on-Site management and supervisors who will be directly responsible for, or who supervise employees engaged in hazardous waste operation shall receive training as required in this HASP and at least eight (8) additional hours of specialized training on managing such operations at the time of job assignment.

ANNUAL 8-HOUR REFRESHER TRAINING

Annual 8-hour refresher training will be required of all hazardous waste site field personnel in order to maintain their qualification for fieldwork. The following topics will be reviewed: toxicology, respiratory protection, including air purifying devices and self-contained breathing apparatus (SCBA), medical surveillance, decontamination procedures and personnel protective clothing. In addition, topics deemed necessary by the SSO may be added to the above list.

SITE SPECIFIC TRAINING

Prior to commencement of field activities, all personnel assigned to the project will be provided training that will specifically address the activities, procedures, monitoring and equipment for the site operations. It will include Site and facility layout, hazards, and emergency services at the Site, and will highlight all provisions contained within this HASP. This training will also allow field workers to clarify anything they do not understand and to reinforce their responsibilities regarding safety and operations for their particular activity.

ON SITE SAFETY BRIEFINGS

Project personnel and visitors will be given periodic on Site health and safety briefings by the SSO, or their designee, to assist site personnel in safely conducting their work activities. The briefings will include information on new operations to be conducted, changes in work practices or changes in the Site's environmental conditions. The briefings will also provide a forum to facilitate conformance with safety requirements and to identify performance deficiencies related to safety during daily activities or as a result of safety audits.

ADDITIONAL TRAINING

Additional training may be required by the SSO for participation in certain field tasks during the course of the project. Such additional training could be in the safe operation of heavy or power tool equipment or hazard communication training.

SUBCONTRACTOR TRAINING

Subcontractor personnel who work on Site only occasionally, for a specific limited task and who are unlikely to be exposed over permissible exposure limits, may be exempted from the initial 40-hour training requirement. The SSO will determine if this exemption is allowed. In any case, the subcontractor personnel who are exposed to hazards are not exempted from the 40-hours training requirement nor medical surveillance requirements found in Section 8.1.

5.6 Medical Surveillance

GENERAL

All contractor and subcontractor personnel performing field work at the Site are required to have passed a complete medical surveillance examination in accordance with 29 CFR 1910.120 (f). A physician's medical release for work will be confirmed by the SSO before an employee can begin site activities. Such examinations shall include a statement as to the worker's present health status, the ability to work in a hazardous environment (including any required PPE which may be used during temperature extremes), and the worker's ability to wear respiratory protection.

A medical data sheet will be completed by all on Site personnel and kept at the Site. Where possible, this medical data sheet will accompany the personnel needing medical assistance or transport to hospital facilities.

MEDICAL SURVEILLANCE PROTOCOL

The medical surveillance protocol to be implemented is the occupational physicians' responsibility, but shall meet the requirements of CFR 1910.120 and ANSI Z88.2 (1980). The medical surveillance protocol shall, as a minimum, cover the following:

- a. Medical and Occupational History
- b. General physical examination (including evaluation of major organ system)
- c. Serum lead and ZPP
- d. Chest X-ray (performed no more frequently than every four years, except when otherwise indicated).
- e. Pulmonary Function Testing (FVC and FEV1.0).
- f. Ability to wear respirator
- g. Audiometric testing.

Additional clinical tests may be included at the discretion of the occupational physician.

5.7 Site Control, PPE & Communications

SITE CONTROL

A Support Zone (SZ) is an uncontaminated area that will be the field support area for most operations. The SZ provides for field team communications and staging for emergency response. Appropriate sanitary facilities and safety equipment will be located in this zone. Potentially contaminated personnel or materials are not allowed in this zone. The only exception will be appropriately packaged/decontaminated and labeled samples. A contamination reduction corridor will be established. This is the route of entry and egress to the Site, and it provides an area for decontamination of personnel and portable equipment as well.

The area where contamination exists is considered to be the Exclusion Zone (EZ). All areas where excavation and handling of contaminated materials take place are considered the EZ. This zone will be clearly delineated by cones, tape or other means. The SSO may establish more than one EZ where different levels of protection may be employed or where different hazards exist. Personnel are not allowed in the EZ without:

- A buddy
- Appropriate personal protective equipment
- Medical authorization
- Training certification

PERSONAL PROTECTIVE EQUIPMENT

GENERAL

The level of protection worn by field personnel will be enforced by the SSO. Levels of protection for general operations are provided below and are defined in this section. Levels of protection may be upgraded or downgraded at the discretion of the SSO. The decision shall be based on real-time air monitoring, site history data, and prior site experience. Any changes in the level of protection shall be recorded in the health and safety field logbook.

PERSONAL PROTECTIVE EQUIPMENT SPECIFICATIONS

For tasks requiring Level B PPE, the following equipment shall be used:

- Cotton or disposable coveralls
- Chemical protective suit (e.g. Saran-coated Tyvek®)
- Gloves, inner (latex)
- Gloves, outer (Nitrile®)
- Boots (PVC), steel toe/shank
- Boot Covers (as needed)
- Hard Hat
- Hearing protection (as needed)

For tasks requiring Level C PPE, the following equipment shall be used:

- Cotton or disposable coveralls
- Disposable outer coveralls (Poly-coated Tyvek)
- Gloves, inner (latex)
- Gloves, outer (Nitrile®)
- Boots (PVC), steel toe/shank
- Boot covers (as needed)
- Hard Hat
- Hearing protection (as needed)
- Splash suit and face shield for decontamination operations (as needed)

For tasks requiring Level D PPE, the following equipment shall be used:

- Cotton or disposable coveralls
- Gloves, inner (latex)
- Gloves, outer (Nitrile®)
- Boots (PVC) steel toe/shank
- Boot covers (as needed)
- Hard hat
- Hearing protection (as needed)
- Safety glasses

For tasks requiring respiratory protection, the following equipment shall be used:

Level D - No respiratory protective equipment necessary except for a dust mask.

Level C - A full-face air-purifying respirator equipped with organic vapor/pesticide-HEPA cartridges.

Level B - An air line respirator or a self-contained breathing apparatus (SCBA)

INITIAL LEVELS OF PROTECTION

Levels of protection for the activities may be upgraded or downgraded depending on direct-reading instruments or personnel monitoring. The following are the initial levels of protection that shall be used for each planned field activity.

LEVEL OF PERSONAL PROTECTIVE EQUIPMENT REQUIRED

Activity	Level of Protection Respiratory/PPE
Drilling/Coring	C/D
Sampling	C/D
Ground-Penetrating Radar	C/D

COMMUNICATIONS

Communications is the ability to talk with others. While working in Level C/B Protection, personnel may find that communication become a more difficult task and process to accomplish. This is further complicated by distance and space. In order to address this problem, electronic instruments, mechanical devices or hand signals will be used as follows:

- Walkie-Talkies - Hand held radios would be utilized as much as possible by field teams for communication between downrange operations and the Command Post base station.
- Telephones - A mobile telephone will be located in the Command Post vehicle in the Support Zone for communication with emergency support services/facilities. If a telephone is demobilized, the nearest public phones will be identified.
- Air Horns - A member of the downrange field team will carry an air horn and another will be evident in the Support Zone to alert field personnel to an emergency situation.
- Hand Signals - Members of the field team along with use of the buddy system will employ this communication method. Signals become especially important when in the vicinity of heavy moving equipment and when using Level B respiratory equipment. The signals shall become familiar to the entire field team before site operations commence and they will be reinforced and reviewed during site-specific training.

HAND SIGNALS FOR ON-SITE COMMUNICATION

Signal	Meaning
Hand gripping throat	Out of air, can't breathe
Grip partners' wrist	Leave area immediately; no debate
Hands on top of head	Need assistance
Thumbs up	OK, I'm all right; I understand
Thumbs down	No; negative, unable to understand you. I'm not all right

5.8 Air Monitoring Plan

GENERAL

Continuous air monitoring in the EZ during invasive tasks will accompany site operations, as indicated in this HASP or as required by the SSO. Monitoring will be performed to verify the adequacy of respiratory protection, to aid in site layout and to document work exposure. All monitoring instruments shall be operated by qualified personnel only and will be calibrated daily prior to use, or more often as necessary. For additional references and information, see HTE's Site-Specific Air Monitoring Program.

REAL-TIME MONITORING

INSTRUMENTATION

At least one (1) of the following monitoring instruments will be available for use during field operations as necessary:

- Photoionization Detector (PID), Rae Instruments with 10.2 EV probe or equivalent
- Flame Ionization Detector (FID), Foxboro Model 128 or equivalent
- Combustible Gas Indicator (CGI)/Oxygen (O₂) Meter, MSA or equivalent.

A FID or PID shall be used to monitor the organic vapor concentrations in active work areas. Organic vapor concentrations shall be measured upwind of the work areas to determine background concentrations. The SSO will interpret monitoring results using professional judgment. The PPE utilized shall always be the most protective, thus the action level criteria are flexible guidelines.

A CGI/O₂ meter shall be used to monitor for combustible gases and oxygen content in the boreholes during drilling activities.

Calibration records shall be documented, and included in the health and safety logbook or instrument calibration logbook. All instruments shall be calibrated before and after each daily use in accordance with the manufacturers' procedures.

ACTION LEVELS

Action levels for upgrading of PPE in this HASP will apply to all site work during the duration of field activities at the Site. Action levels are for unknown contaminants using direct reading in the Breathing Zone (BZ) for organic vapors and dusts, and at the source for combustible gases.

MONITORING DURING FIELD ACTIVITIES

Hydro Tech shall perform real time air monitoring prior to the commencement of work to establish baseline conditions. Baseline conditions will be established at the approximate center of the Site and at the perimeter of the Site both upwind and downwind.

During all work activities real time monitoring will occur. As necessary, HTE shall have at each applicable workstation a PID, explosimeter and oxygen deficiency meter. The real time monitoring for remedial activities will be conducted approximating the Breathing Zone of the workers. The monitoring will be continuous during working operations.

The air-monitoring instrument may indicate that personnel working in the exclusion zone increase their level of protection. All personnel will be trained in the action levels. When conditions warrant an increase in protection, all personnel will stop working and immediately leave the exclusion zone. They will then don the appropriate safety equipment necessary and return to their current workstation. All of this activity will be monitored by the SSO. The SSO will keep the Hydro Tech Project Manager aware of any extraordinary situations and conditions that may occur. Working conditions and monitoring levels will be noted in the Field Notebook along with the time, date and page number. Verbal reports will be given to the Project Manager when there is a change in the PPE level.

The previous day's results shall be reviewed each morning to determine what actions are necessary and the general conditions resulting from and around the Site.

The record keeping will include:

- Date & Time of Monitoring
- Air Monitoring Location
- Instrument, Model #, Serial #
- Calibration/Background Levels
- Results of Monitoring
- SSO Signature
- Comments

Excavation Operations - Monitoring will be performed continuously during all excavation and demolition operations. A PID and/or FID shall be utilized to monitor the breathing zone, the excavated area and any material taken from the excavation. A CGI/O₂ meter shall be used to monitor the excavation for the presence of combustible gases.

ACTION LEVELS OF AIRBORNE CONTAMINANTS

<u>Instrument</u>	<u>Action Level</u>	<u>Action to be Taken</u>
FID/PID	< 100 ppm, for a 15-minute average	Stop work & initiate vapor control
	> 100 ppm, for a 15-minute average	Stop work & initiate evacuation procedure
CGI	10% LEL	Stop work, initiate ventilating
	50% LEL	Stop work, initiate evacuation procedure and contact fire dept.

PERSONNEL MONITORING PROCEDURE

The Site SSO, concurrent with activities that may generate the contaminants in excess of OSHA PEL's, may perform assessment and evaluation of field personnel exposures to airborne contaminants.

Procedures to be followed include:

The SSO may select high-risk individuals who may be subject to contaminant exposure based on job assignment.

The Personal Sampling is being conducted to determine the proper levels of respiratory protection required, to document potential exposures to compounds, and to assure compliance with OSHA standards. Therefore it is important that the data collected be from "worst case" locations and personnel.

For example: when work is being conducted to excavate at an underground tank location, those persons closest to the excavation and most intimately involved with the work should be sampled. If a backhoe operator solely conducted the excavation, then that employee should be monitored. However, if there are additional workers who must enter the excavation and work with the freshly excavated soil, these persons would be closer to the potential contaminants and they should be sampled.

To meet the intent of the sampling will require sampling at periods of the most disturbances. To be accurate in determining potential exposures, as many tasks/trades shall be sampled as possible during the course of this project. At completion of the project, a goal of 20% of all workers who must perform their duties in or around the contaminated soil, tanks and excavations is sought.

All sampling data must be provided in writing to the employees within three (3) days of receipt of results by Hydro Tech.

Air sampling pumps used to collect employee exposure samples shall be calibrated before and after use each day. Calibration shall be accomplished using a primary standard calibration system, e.g. the bubble tube method. Results of the calibrations shall be included in the health and safety field logbook and with the exposure report.

Chemical analysis of samples collected for assessment of employee exposures shall be performed in accordance with NIOSH or OSHA analytical methods only by laboratories accredited by the American Industrial Hygiene Association.

Results of the personal exposure assessment shall be provided to the individual, in writing within fifteen (15) working days after receipt of laboratory reports. Reports to field personnel shall provide calculated time-weighted average exposures and shall provide comparative information relative to established permissible exposure limits. The air sampling data sheet and laboratory report is considered a part of the employee exposure report. A copy of the employee personal exposure assessment report shall also be included in the project file and the employees' medical record for Hydro Tech employees. Reports for subcontractor employees will be sent directly to the subcontractors' employer.

AIR MONITORING REPORTS

Air Monitoring Reports will be completed by the SSO and/or authorized personnel and submitted to the Project Manager in the daily safety logs and will include the following:

- Date of monitoring
- Equipment utilized for air monitoring
- Real-time air monitoring results from each work location
- Calibration method of equipment and results

5.9 Safety Considerations

GENERAL

In addition to the specific requirements of this HASP, common sense should be used at all times. The general safety rules and practices below will be in effect at the Site at the discretion of the Project Manager, SSO or other authorized personnel.

- The site will be suitably marked or barricaded as necessary to prevent unauthorized visitors but not hinder emergency services if needed.
- As needed, all open holes, trenches and obstacles will be properly barricaded in accordance with local site requirements. These requirements will be determined by proximity to traffic ways, both pedestrian and vehicular, and site of the hole, trench or obstacle. If holes are required to be left open during non-working hours, they will be adequately decked over or barricaded and sufficiently lighted.
- Before any digging or boring operations are conducted, underground utility locations will be identified. All boring, excavation and other site work will be planned and performed with consideration for underground lines. Any excavation work will be performed in accordance with Hydro Tech's Standard Operating Procedures for Excavations.
- Either workers or other people will enact dust-mitigating procedures when there exists the potential for the inhalation of dust particles.
- The act of smoking and ignition sources in the vicinity of potentially flammable or contaminated material is strictly prohibited.
- Drilling, boring, and use of cranes and drilling rigs, erection of towers, movement of vehicles and equipment and other activities will be planned and performed with consideration for the location, height, and relative position of aboveground utilities and fixtures, including signs; canopies; building and other structures and construction; and natural features such as trees, boulders, bodies of water, and terrain.
- When working in areas where flammable vapors may be present, particular care shall be exercised with tools and equipment that may be sources of ignition. All tools and equipment provided must be properly bonded and/or grounded. Metal buttons and zippers are prohibited on safety clothing for areas that may contain a flammable or explosive atmosphere.
- Approved and appropriate safety equipment (as specified in this HASP), such as eye protection, hard hats, foot protection, and respirators, must be worn in areas where required. In addition, eye protection must be worn when sampling soil or water that may be contaminated.
- Beards interfere with respirator fit and are not allowed within the site boundaries because all site personnel may be called upon to use respirator protection in some situations.
- No smoking, eating, chewing tobacco, gum chewing or drinking will be allowed in the contaminated areas.
- Contaminated tools and hands must be kept away from the face.

- Personnel must use personal hygiene safe guards (washing up) at the end of the shift or as soon as possible after leaving the Site.
- Each sample must be treated and handled as though it were contaminated.
- Persons with long hair and/or loose fitting clothing that could become entangled in power equipment must take adequate precautions.
- Horseplay is prohibited in the work area.
- Work while under the influence of intoxicants, narcotics or controlled substances is prohibited.

POSTED SIGNS

Posted danger signs will be used where an immediate hazard exists. Caution signs will be posted to warn against potential hazards and to caution against unsafe practices. Traffic control methods and barricades will be used as needed. Wooden stakes and flagging tape, or equally effective material will be used to demarcate all restricted areas.

Other postings may include the OSHA poster, emergency hospital route and telephone numbers of contact personnel.

INVASIVE OPERATIONS

The SSO will be present on-Site during all invasive work (e.g. demolition, excavations). The SSO will ensure that appropriate monitoring, levels of protection and safety procedures are followed. No personnel will enter any excavations for any reasons. All personnel will stay at least 10 feet back from the edge of the excavation and out of the swing radius of the backhoe. No drums or other potential sources will be sampled or removed during this phase without further additions to the HASP.

The proximity of water, sewer and electrical lines will be identified prior to invasive operations. The possibility of the presence of underground conduits or vessels containing materials under pressure will also be investigated prior to invasive operations. Properly-sized containment systems will be utilized and consideration of the potential volume of liquid or waste released during operations will be discussed with members of the field team to minimize the potential for spills and provide a method for collection of waste materials. Emergency evacuation procedures and the location of safety equipment will be established prior to start up operations. The use of protective clothing, especially hard hats, boots, and gloves will be required during drilling and other heavy equipment work.

SOIL, GROUNDWATER AND LIQUID WASTE SAMPLING

Personnel must wear prescribed protective clothing and equipment including eye protection, chemical resistant gloves and splash aprons (where appropriate) when sampling solids and liquids. Sample bottles are to be bagged prior to sampling to ease decontamination. Personnel must be aware of the location of emergency equipment, including spill containment materials prior to sampling. Personnel are to practice contamination avoidance at all times, as well as to utilize the buddy system and maintain communications with the Command Post. In some situations, such as sampling groundwater wells, additional monitoring may be needed to confirm or establish the proper level of protection before the sampling team can proceed.

SAMPLE HANDLING

Personnel responsible for the handling of samples will wear the prescribed level of protection. Samples are to be identified as to their hazard and packaged as to prevent spillage or breakage. Any unusual sample conditions shall be noted. Laboratory personnel and all field personnel shall be advised of sample hazard levels and the potential contaminants present. This can be accomplished by a phone call to the lab coordinator and/or including a written statement with the samples reviewing lab safety procedures in handling in order to assure that the practices are appropriate for the suspected contaminants in the sample.

HEAVY EQUIPMENT DECONTAMINATION

Personnel steam cleaning heavy equipment shall use the prescribed level of protection and adhere to the buddy system. Initially this task usually employs level C. The heavy equipment decontamination shall be restricted to authorized personnel only. Special consideration will be given to wind speed and direction. Downwind areas are to be kept free of personnel to avoid unnecessary exposure to potential airborne contamination.

ADDITIONAL SAFETY CONSIDERATIONS

No other additional safety considerations at this time.

5.10 Decontamination and Disposal Procedures

CONTAMINATION PREVENTION

One of the most important aspects of decontamination is the prevention of contamination. Good contamination prevention should minimize worker exposure and help ensure valid sample results by precluding cross-contamination. Procedures for contamination avoidance include:

Personnel:

Do not walk through areas of obvious or known contamination
Do not directly handle or touch contaminated materials
Make sure that there are no cuts or tears on PPE.
Fasten all closures in suits; cover with tape if necessary
Particular care should be taken to prevent any skin injuries

Stay upwind of airborne contaminants
Do not carry cigarettes, cosmetics, gum, etc. into contaminated areas.

Sampling and Monitoring:

When required by the SSO, cover instruments with clear plastic, leaving openings for sampling ports. Bag sample containers prior to emplacement of sample material.

Heavy Equipment:

Care should be taken to limit the amount of contamination that comes in contact with heavy equipment (tires, contaminated augers). Dust control measures may be needed on roads inside the site boundaries.

PERSONNEL DECONTAMINATION

All personnel shall pass through an outlined decontamination procedure when exiting the hot zone at each location. A field wash for equipment and PPE shall be set up at each drilling location. The system will include a gross wash and rinse for all disposable clothing and boots

worn in the EZ. Upon exiting the EZ, all personnel will wash their hands, arms, neck, and face before entering the Support Zone.

EQUIPMENT DECONTAMINATION

Equipment used at the Site that is potentially contaminated shall be decontaminated to prevent hazardous materials from leaving the Site. All heavy equipment will be decontaminated at the decontamination pad and inspected by the SSO and Project Manager before it leaves the Site. The decontamination area will provide for the containment of all wastewater from the decontamination process. Respirators, airline and any other personnel equipment that comes in contact with contaminated soils shall pass through a field wash.

DECONTAMINATION DURING MEDICAL EMERGENCIES

If emergency life-saving first aid and/or medical treatment are required, normal decontamination procedures may need to be abbreviated or omitted. The Site SSO or designee will accompany contaminated victims to the medical facility to advise 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, a plastic barrier between the individual and clean surfaces should be used to help prevent contaminating the inside of ambulances and /or medical personnel. Outer garments are then removed at the medical facility.

No attempt will be made to wash or rinse the victim, unless it is known that the individual has been contaminated with an extremely toxic or corrosive material that 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. Note that heat stroke requires prompt treatment to prevent irreversible damage or death. Protective clothing must be promptly removed. Less serious forms of heat stress also require prompt attention and removal of protective clothing immediately. Unless the victim is obviously contaminated, decontamination should be omitted or minimized and treatment begun immediately.

DISPOSAL PROCEDURES

A segregating system of non-hazardous waste and hazardous waste will be developed by the SSO and PM. All discarded material, waste materials or other objects shall be handled in such a way as to preclude the potential for spreading contamination, creating sanitary hazards, or causing litter to be left on site. All potentially contaminated materials, e.g. clothing, gloves, etc., will be bagged or drummed as necessary, labeled and segregated for disposal. All non-contaminated materials shall be collected and bagged for appropriate disposal as normal domestic waste.

5.11 Emergency Plan

The potential for the development of an emergency situation is low considering the low concentrations of hazardous substances at the work site. Nevertheless, an emergency situation could occur. All HTE and subcontractor field team members prior to the start of work will know the emergency plan outlined in this section. The emergency plan will be available for use at all times during site work.

Various individual site characteristics will determine preliminary actions taken to assure that this emergency plan is successfully implemented in the event of a site emergency. Careful consideration must be given to the proximity of neighborhood housing or places of employment,

and to the relative possibility of site fire, explosion or release of vapors or gases that could affect the surrounding community.

The Project Manager shall make contact with local fire, police and other emergency units prior to beginning work on site. In these contacts, the Project Manager will inform the emergency units about the nature and duration of work expected to the Site and the type of contaminants and the possible health or safety effects of emergencies involving these contaminants. At this time, the Project Manager and the emergency response units shall make the necessary arrangements to be prepared for any emergencies that could occur.

The Project Manager shall implement the contingency plan whenever conditions at the Site warrant such action. The Project Manager will be responsible for coordination of the evacuation emergency treatment, and transportation of site personnel as necessary, and notification of emergency response units and the appropriate management staff.

The cases where the PM is not available, the SSO shall serve as the alternate emergency coordinator.

EVACUATION

In the event of an emergency situation, such as fire, explosion, or significant release of toxic gases, an air horn or other appropriate device will be sounded for approximately 10 second intervals indicating the initiation of evacuation procedures. All personnel will evacuate and assemble near the entrance to the site. The location shall be upwind of the Site where possible.

For efficient and safe site evacuation and assessment of the emergency situation, the Project Manager will have authority to initiate action if outside services are required. Under no circumstances will incoming personnel or visitors be allowed to proceed into the area once the emergency signal has been given. The SSO or designated SSO must ensure that access for emergency equipment is provided and that all combustion apparatuses have been shut down once the alarm has been sounded. Once the safety of all personnel is established, the Fire Department and other emergency response groups as necessary will be notified by telephone of the emergency.

POTENTIAL OR ACTUAL FIRE OR EXPLOSION

Immediately evacuate the Site (air horn will sound for 10-second intervals), notify the local fire and police departments, and other appropriate emergency response groups if an actual fire or explosion has taken place.

PERSONNEL INJURY

Emergency first aid shall be applied on site as deemed necessary. If necessary, the individual shall be decontaminated and transported to the nearest medical facility.

The ambulance/rescue squad shall be contacted for transport as necessary in an emergency. However, since some situations may require transport of an injured party by other means, the hospital route is identified below. A map to this facility provided with this HASP in Section 2.2.3.

ACCIDENT/INCIDENT REPORTING

As soon as first aid and/or emergency response needs have been met, the following parties are to be contacted by telephone:

1. Mark E. Robbins, C.P.G., C.E.I. Cell phone (631) 457-0030
2. The employer of any injured worker if not an Hydro Tech employee

Written confirmation of verbal reports is to be submitted within 24 hours. The report form entitled "Accident Data Report" is to be used for this purpose. All Hydro Tech representatives contacted by telephone are to receive a copy of this report. If the employee involved is not an Hydro Tech employee, his employer shall receive a copy of this report.

For reporting purposes, the term accident refers to fatalities, lost time injuries, spill or exposure to hazardous materials (toxic materials, explosive or flammable materials).

Any information released from the health care provider, which is not deemed confidential patient information, is to be attached to the appropriate form. Any medical information that is released by patient consent is to be filed in the individuals' medical records and treated as confidential.

OVERT PERSONNEL EXPOSURE

SKIN CONTACT: Use copious amounts of soap and water. Wash/rinse affected area thoroughly, and then provide appropriate medical attention. Eyes should be rinsed for 15 minutes upon chemical contamination.

INHALATION: Move personnel to fresh air and if necessary, decontaminate and transport to hospital.

INGESTION: Decontamination and transport to emergency medical facility.

**PUNCTURE WOUND
OR LACERATION:** Decontaminate and transport to emergency medical facility.

ADVERSE WEATHER CONDITIONS

In the event of adverse weather conditions, the SSO or designee will determine if work can continue without sacrificing the health and 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 conditions
- Limited visibility
- Potential for electrical storms

Site activities will be limited to daylight hours and acceptable weather conditions. Inclement working conditions include heavy rain, fog, high winds, and lightning. Observe daily weather reports and evacuate if necessary in case of inclement weather conditions.

EMERGENCY RESPONSE EQUIPMENT LIST

Some or all of the following will either be available on-Site or be able to be brought to the Site within a 2-hour period:

- 55 Gallon Drums
- 85 Gallon Drums
- Absorbant Pads
- Absorbant Booms

- Speedy-Dry
- Plastic Sheeting
- Hay Bales
- Pneumatic Nibbler
- Back Hoe
- Pressure Washer
- Air Compressor
- Wilden Pumps
- Equipment Storage Trailer
- Submersible Pumps
- Miscellaneous Hand Tools
- Portable Lighting

LARGE EQUIPMENT

If necessary, Hydro Tech can have the following large equipment brought to the Site within 2-hours:

- Large Vacuum Truck
- Super Sucker
- Dump Trucks
- Drill Rig
- Utility Vehicle

5.12 Logs, Reports and Record Keeping

MEDICAL AND TRAINING RECORDS

The employer keeps medical and training records. All subcontractors must provide verification of training and medical qualifications to the SSO. The SSO will keep a log of personnel meeting appropriate training and medical qualifications for site work. The log will be kept in the project file. Medical records will be maintained in accordance with 29 CFR 1910.20.

ON-SITE LOG

A log of personnel on Site each day will be kept by the SSO or designee. A copy of these logs will be sent to the HTE records coordinator for data entry. Originals will be kept in the project file.

EXPOSURE RECORDS

Any personal monitoring results, laboratory reports, calculations and air sampling data sheets are part of an employee exposure record. These records will be kept in accordance with 29 CFR 1910.20. For Hydro Tech employees, the originals will be sent to the Hydro Tech records coordinator. For subcontractor employees, the original will be sent to the subcontractor employer and a copy kept in the project file.

ACCIDENT/INCIDENT REPORTS

An accident/incident report must be completed for all accidents and incidents. The originals will be sent to the appropriate HTE records coordinator for maintenance by Hydro Tech. Copies will be distributed as stated. A copy of the forms will be kept in the project file.

OSHA FORM 200

An OSHA Form 200 (Log of Occupational Injuries and Illnesses) will be kept at the Site. All recordable injuries or illnesses will be recorded on this form. At the end of the project, the original will be sent to the Hydro Tech corporate records administrator for maintenance. Subcontractor employers must also meet the requirements of maintaining an OSHA 200 form. The Hydro Tech accident/incident report meets the requirements of the OSHA Form 101 (Supplemental Record) and must be maintained with the OSHA Form 200 for all recordable injuries or illnesses.

HEALTH AND SAFETY FIELD LOG BOOK

The SSO or designee will maintain the logbook in accordance with standard Hydro Tech procedures. Daily site conditions, activities, personnel, calibration records, monitoring results and significant events will be recorded. The original logbooks will become part of the exposure records file.

5.13 Sanitation

If sanitary sewers are not provided at the Site, provisions shall be made for access to sanitary systems by using nearby public facilities consistent with provisions of governing local ordinance codes. In the latter case, provisions are required for the removal of accumulated waste products within those units.

If a commercial/industrial laundry is used to clean or launder clothing that is potentially contaminated, they shall be informed of the potential harmful effects of exposure to hazardous substances related to the affected clothing.

Personnel and subcontractors on Site shall follow decontamination procedures described in the HASP, or as directed by the SSO. This will generally include at a minimum site-specific training in shower usage and cleanup, personal hygiene requirements and the donning of protective equipment/clothing.

FIGURES



To see all the details that are visible on the screen, use the "Print" link next to the map.



178-02 Hillside Ave
Jamaica, NY 11432
 Drive: 1.1 mi – about 3 mins

1. Head **east** on **Hillside Ave/RT-25** toward **179th St** 246 ft
2. Turn **right** at **179th St** 0.3 mi
3. Turn **right** at **Jamaica Ave** 0.6 mi
4. Turn **left** at **168th St** 0.1 mi
5. Turn **right** at **93rd Ave** 315 ft

Queens Hospital Center: Charles R Drew Center
166-10 Archer Ave
Jamaica, NY 11433

These directions are for planning purposes only. You may find that construction projects, traffic, or other events may cause road conditions to differ from the map results.

Map data ©2008 NAVTEQ™

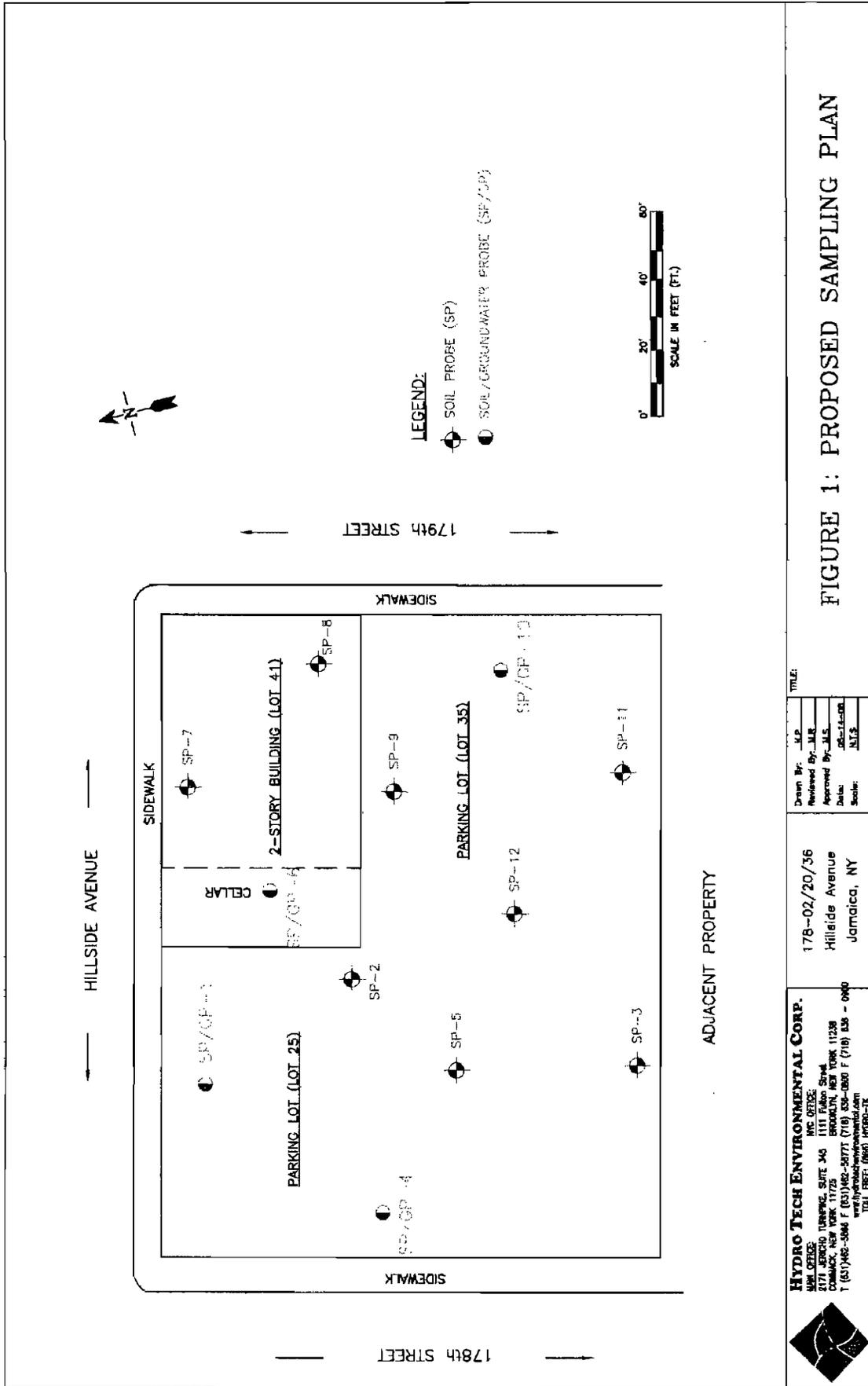


FIGURE 1: PROPOSED SAMPLING PLAN

HYDRO TECH ENVIRONMENTAL CORP. NEW OFFICE 1000 TURNING SUITE 345 BOSTON, MA 02118 T (617) 462-5944 F (617) 462-5977 (718) 539-0800 F (718) 539-0900 www.hydrotechenvironmental.com TOLL FREE: (866) HYDRO-7K	178-02/20/36 Hillside Avenue Jamaica, NY	TITLE: Drawn By: JLE Reviewed By: JLE Approved By: JLE Date: 08-14-08 Scale: N.T.S.
---	--	--





Hydro Tech Environmental, Corp.

Main Office:
2171 Jericho Turnpike, Suite 345
Commack, New York 11725
T (631) 462-5866 • F (631) 462-5877

NYC Office:
1111 Fulton Street, 2nd FL.
Brooklyn, New York 11238
T (718) 636-0800 • F (718) 636-0900

www.hydrotechenvironmental.com

June 3, 2008

Mr. Gary Heath
New York City Department of Environmental Protection
Office of Environmental Planning & Assessment
59-17 Junction Boulevard
Flushing, New York 11373-5108

Re: **178-02/20/36 Hillside Avenue, Queens, NY**
E-175: Block 9913; Lot 25, 35, and 41
DEP# 08DEPTECH280Q / CEQR # 05DCP018Q

Dear Mr. Heath:

This letter is intended to provide you with the results of the recent Subsurface Investigation conducted at the above-referenced property on May 22nd, 23rd, 27th, and 28th of 2008. The investigation consisted of the performance of a Ground Penetrating Radar (GPR) Survey followed by the installation and sampling of twelve (12) soil probes and four (4) groundwater probes. Photographs of the fieldwork are provided as **Attachment #1**.

Site Description

The Site is approximately 35,350 square feet in area and is divided into three lots: 25, 35, and 41. The Site is located on the southern side of Hillside Avenue between 178th Street and 179th Street. Lot 25 and Lot 41 are actively being utilized as a parking lot. Lot 35 is developed with a 2-story building with a basement and is currently abandoned. A 1,000 gallon aboveground storage tank (AST) is located in the western portion of the basement. Debris is present throughout the building and the basement.

The proposed project will involve the development of a 2-story commercial building with two levels of underground parking. The footprint of the building will be approximately 125,595 square foot in area. The proposed depth of excavation will be approximately 22-25 feet below grade. The proposed building will be present over the three (3) lots.

Access to the Site is via 179th Street, east of the property. The topography of the Site is generally level. The topography of the vicinity of the Site is also generally level. **Figure 1** provides a Site Plan.

Ground Penetrating Radar (GPR) Survey

The GPR survey was performed to determine if any anomalies, including underground storage tanks (USTs) and 55-gallon drums, are present at the Site and to clear all sampling locations of any potential subsurface obstructions.

The GPR survey was performed utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. The survey was performed in all accessible portions of the Site over a grid pattern that was determined immediately prior to the survey. As the GPR operator wheels the antenna over the predetermined grid, it takes one "scan" per set unit. The number of scans per unit is based upon the estimated sizes of targets. As each scan is performed, the antenna emits a specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is graphically displayed on the Control Unit, which are then interpreted by the GPR operator at the time of the survey. Additional interpretations are then conducted in the office using computer software.

The GPR survey could not be performed in the basement of the building in Lot 35 due to the presence of debris and the difficulty in accessing the basement. The survey was performed in Lot 25 and 41, and over the remaining portions of Lot 35. One (1) anomaly was identified in the northwest portion of the Site in Lot 25 during the GPR survey. The anomaly was approximately 6 feet in length, 4 feet in width, and located at a depth of approximately 5 to 7 feet. The survey was also utilized to clear all sampling locations of subsurface obstructions.

Soil Probes

A total of twelve (12) soil probes, designated as SP-1 through SP-12 consecutively, were installed and sampled at the Site. **Figure 2** provides a Sampling Plan. The following Table provides the locations of each soil probe:

Soil Probe (SP)	Location with respect to the Site
SP-1	Northwestern portion of Lot 25
SP-2	Eastern portion of Lot 25
SP-3	Southern portion of Lot 25
SP-4	Southwestern portion of Lot 25
SP-5	Southeastern portion of Lot 25
SP-6	Southern portion of Lot 35
SP-7	Eastern portion of basement in Lot 35
SP-8	Western portion of basement in Lot 35
SP-9	Northern portion of Lot 41
SP-10	Eastern portion of Lot 41
SP-11	Southern portion of Lot 41
SP-12	Western portion of Lot 41

Soil probes SP-1 through SP-6 and SP-9 through SP-12 were installed utilizing Hydro Tech's Truck-mounted Geoprobe[®] 5410. Soil probes SP-7 and SP-8 were installed with Hydro Tech's remotely operated probing machine fitted with Geoprobe[®] tooling and sampling equipment. Both units install soil probes utilizing direct-push technology. Soil samples were collected utilizing a four-foot long Macro core sampler fitted with dedicated acetate liners. Each sampler was installed with 1½-inch diameter drill rods. Soil probes SP-1, SP-3, SP-5, SP-10, and SP-12 were installed to a depth of 16 feet below grade surface (bgs), at which refusal was encountered. Soil probes SP-2, SP-6, SP-9, and SP-11 were installed 17 feet below grade, at which refusal was encountered. Soil probe SP-4 was installed 15½ feet below grade, at which refusal was encountered. Soil probes SP-7 and SP-8 were installed from basement grade level of approximately 10 feet bgs to 7 feet below basement grade level, at which refusal was encountered. Groundwater was not encountered during the soil probe installations.

Soil samples were obtained from each soil probe location on continuous 2-foot intervals. Each soil sample was characterized in the field and screened for organic vapors utilizing a Photoionization Detector (PID). The general soil type beneath the Site consisted of brown, medium grained sand with pebble sized clasts. Fill material consisting of brick and pebble and gravel sized rocks was also identified in the soil. No detectable levels (<0.1 ppm) of organic vapors were detected with the PID during the field screening of each sample. No visual or olfactory evidence of contamination was obtained from any of the soil samples. **Table 1** provides the soil characterization details. Soil probe logs are provided as **Attachment #2**.

Based upon the requirements set forth in the scope of work, two (2) samples at different depth intervals were collected from each soil probe and were denoted as "shallow" and "deep", respectively. Shallow depth soil samples from soil probes SP-1 through SP-6 and SP-9 through SP-12 were collected between grade and 2 feet bgs, and from soil probes SP-7 and SP-8, shallow soil samples were collected between 0 and 2 feet below basement grade level. Deep depth soil samples from soil probes SP-1, SP-3, SP-5, SP-10, and SP-12 were collected between 14 and 16 feet bgs, and from soil probes SP-9 and SP-11, deep soil samples were collected between 15 and 17 feet bgs. Due to the lack of a soil matrix and the presence of pebble and gravel sized clasts, deep samples from soil probes SP-2 and SP-6 were collected between 14 and 17 feet bgs, and from SP-7 and SP-8, deep samples were collected between 4 and 7 feet below basement grade level. The deep sample from soil probe SP-4 was collected between 12 and 15½ feet bgs. Soil samples would have been collected where the highest PID reading and/or visual and olfactory evidence of contamination were identified, however, since no evidence of contamination was noted, the shallowest and deepest dry samples were obtained from each soil probe. Due to refusal being encountered in all the soil probes, the deepest dry samples could not be obtained at the anticipated excavation depth of 22 feet. Each soil sample was then placed into two (2) pre-cleaned 8 ounce (oz) jars, appropriately labeled and analyzed for confirmatory analyses at a State-certified laboratory.

Based upon the in field screening results, the following soil samples from each soil probe were analyzed for confirmatory analyses at a State-certified laboratory:

Soil Probe (SP)	Depth (Feet)	PID Reading (ppm)
SP-1	0 to 2	0.0
	14 to 16	0.0
SP-2	0 to 2	0.0
	14 to 17	0.0
SP-3	0 to 2	0.0
	14 to 16	0.0
SP-4	0 to 2	0.0
	12 to 15 1/2	0.0
SP-5	0 to 2	0.0
	14 to 16	0.0
SP-6	0 to 2	0.0
	14 to 17	0.0
SP-7	0 to 2	0.0
	4 to 7	0.0
SP-8	0 to 2	0.0
	4 to 7	0.0
SP-9	0 to 2	0.0
	15 to 17	0.0
SP-10	0 to 2	0.0
	14 to 16	0.0
SP-11	0 to 2	0.0
	15 to 17	0.0
SP-12	0 to 2	0.0
	14 to 16	0.0

Groundwater Probes

A total of four (4) groundwater probes were installed at the Site. Four (4) of the soil probes, SP-1, SP-4, SP-6 and SP-10, were converted into groundwater probes and were assigned the coordinating "GP" sampling designations GP-1, GP-4, GP-6, and GP-10. Groundwater probe GP-1 was installed to a depth of approximately 74 feet bgs. Groundwater probe GP-4 was installed to a depth of approximately 72 feet. Groundwater probe GP-6 was installed to a depth of approximately 80 feet bgs. The installation of groundwater probe GP-10 was attempted twice in the eastern portion of Lot 41, at which refusal was encountered twice at a depth of approximately 3 and 17 feet, respectively. The installation of groundwater probe GP-10 was thus terminated. **Figure 2** provides the groundwater probe locations.

Groundwater probes GP-1, GP-4, GP-6 and GP-10 were installed utilizing one of Hydro Tech's Geoprobe® 5410 machines. The probing machines install groundwater probes utilizing direct-push technology.

Each groundwater probe consists of a 4-foot long screen with a slot size of 0.020 inches. The screen was placed so that it bisected the water table, which was encountered at approximately 74 feet below grade.

Groundwater samples were obtained utilizing an inertial pump consisting of a stainless steel check valve and ball. The inertial pump was fitted with dedicated polyethylene tubing, which allowed the groundwater to be brought up to the ground surface for collection. The groundwater sample from GP-4 was placed into 2 pre-cleaned 40-milliliter (mL) vials, 2 pre-cleaned 1 Liter amber glass bottles and 2 pre-cleaned 500 mL plastic containers. The groundwater sample from GP-1 was only enough to be placed in one (1) 1 Liter amber glass bottle. No groundwater from GP-6 was obtained due to groundwater not being encountered at the installation depth. Additional attempts to ensure groundwater was encountered were performed between the depth intervals of approximately 50 to 80 feet bgs, however, groundwater was not encountered. No groundwater from GP-10 was obtained due to refusal being encountered prior to the water table.

Laboratory Analyticals

The soil and groundwater samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Pesticides and Polychlorinated Biphenyls (PCBs) via EPA Method 8081/8082 and Target Analyte List (TAL) Metals (filtered and unfiltered). Laboratory Reports are provided as **Attachment #3**.

ANALYTICAL RESULTS

Soil Sampling – Organic Analytical Results

Two (2) soil samples at different depth intervals were collected from each soil probe and were denoted as "shallow" and "deep". The shallow depth soil samples were collected from soil probes SP-1 through SP-6 and SP-9 through SP-12 between grade and 2 feet bgs and from soil probes SP-7 and SP-8 between 0 and 2 feet below basement grade level. The deep depth soil samples were collected from soil probes SP-1, SP-3, SP-5, SP-10, and SP-12 between 14 and 16 feet bgs, from soil probes SP-9 and SP-11 between 15 and 17 feet bgs, from soil probes SP-2 and SP-6 between 14 and 17 feet bgs, from soil probe SP-4 between 12 and 15½ feet bgs, and from soil probes SP-7 and SP-8 between 4 and 7 feet below basement grade level.

Tables 2A and 2B provide the EPA Method 8260, EPA Method 8270 and EPA Method 8081/8082 analytical results of the shallow and deep soil samples, respectively from soil probes SP-1 through SP-12 at concentrations exceeding their respective laboratory method detection limits (MDL). **Tables 2A and 2B** also provide a comparison of the analytical results to the Recommended Soil Cleanup Objective (RSCO) from NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046. Concentrations reported in **Tables 2A and 2B** are in micrograms per kilogram ($\mu\text{g}/\text{kg}$).

Table 2A indicates that no levels of any VOCs were detected in the shallow depth soil samples from SP-1 to SP-12 at concentrations exceeding their respective MDLs.

As **Table 2A** further indicates, the total SVOC concentration detected in the shallow depth soil samples range from 1,810 µg/kg in soil probe SP-1 to 23,020 µg/kg in soil probe SP-3. None of the total SVOC concentration exceeded the RSCO for total SVOC concentration of 500,000 µg/kg. No individual SVOCs were detected in the shallow depth soil samples from SP-2 and SP-4 through SP-10 at concentrations exceeding their respective MDLs.

The total SVOC concentration in the shallow depth sample from SP-1 is 1,810 µg/kg. The individual SVOC detected consisted of Benzo (a) Pyrene (310 µg/kg) at a concentration exceeding its respective RSCO.

The total SVOC concentration in the shallow depth sample from SP-3 is 23,020 µg/kg. The individual SVOCs detected consists of Chrysene (1,700 µg/kg), Benzo (b) Fluoranthene (2,000 µg/kg), Benzo (k) Fluoranthene (1,800 µg/kg), Benzo (a) Pyrene (1,900 µg/kg), and Benzo (a) Anthracene (1,800 µg/kg) at concentrations exceeding their respective RSCO.

The total SVOC concentration in the shallow depth sample from SP-11 is 2,620 µg/kg. The individual SVOC detected consisted of Benzo (a) Pyrene (300 µg/kg) at a concentration exceeding its respective RSCO.

The total SVOC concentration in the shallow depth sample from SP-12 is 2,820 µg/kg. The individual SVOC detected consisted of Benzo (a) Pyrene (400 µg/kg) at a concentration exceeding its respective RSCO.

Table 2A indicates that the total concentration level of pesticides in the shallow depth soil samples from SP-1 to SP-12 is 37 µg/kg. **Table 2A** also indicates the total concentration level of PCBs in the shallow soil samples from SP-1 and SP-12 is 0.081 µg/kg. No individual pesticides or PCBs were detected in the shallow depth soil samples from SP-1 through SP-6, SP-9 and SP-11 at concentrations exceeding their respective MDLs.

No levels of pesticides or PCBs were detected in the shallow depth samples from SP-7, SP-8, SP-10, and SP-12 at concentrations exceeding their respective RSCO.

Table 2B indicates that no levels of any VOCs were detected in the deep depth soil samples from SP-1 to SP-12 at concentrations exceeding their respective MDLs.

As **Table 2B** further indicates, the total SVOC concentration detected in the deep depth soil samples range from none detected to 80,300 µg/kg in soil probe SP-4. None of the total SVOC concentrations exceeded the RSCO for total SVOC concentration of 500,000 µg/kg. No individual SVOCs were detected in the deep depth soil samples from SP-1 through SP-3 and SP-5 through SP-12 at concentrations exceeding their respective MDLs.

The total SVOC concentration in the deep depth sample from SP-4 is 80,300 µg/kg. The individual SVOC detected consisted of 2-Methylnaphthalene (54,000 µg/kg) at a concentration exceeding its respective RSCO.

Table 2B indicates that the total concentration level of pesticides in the deep depth soil samples from SP-1 to SP-12 is 39.1 µg/kg. **Table 2B** also indicates the total concentration level of PCBs in the deep soil samples from SP-1 to SP-12 is 0.069 µg/kg. No individual pesticides or PCBs were detected in the deep depth soil samples from SP-1 through SP-6, SP-9, SP-11, and SP-12 at concentrations exceeding their respective MDLs.

No levels of pesticides or PCBs were detected in the deep depth samples from SP-7, SP-8, and SP-10 at concentrations exceeding their respective RSCO.

Soil Sampling – Inorganic Analytical Results

Tables 3A and 3B provide the Target Analyte List (TAL) Metals detected in the shallow and deep depth soil samples, respectively, from soil probes SP-1 through SP-12 at concentrations exceeding their respective method detection limits (MDL). **Tables 3A and 3B** also provide a comparison to each compound's respective RSCO and Eastern USA Background (EUB) levels provided by TAGM #4046. The concentrations reported in **Tables 3A and 3B** are in milligrams per kilogram (mg/kg).

Table 3A indicates that nickel and zinc metals were detected in the shallow depth samples from SP-1, SP-3, SP-4, SP-7, SP-10, and SP-12 at concentrations exceeding both their respective RSCO and EUB levels.

No metals were detected in the shallow depth samples from SP-2, SP-5, SP-6, SP-8, SP-9 and SP-11 at concentrations exceeding both their respective RSCO and EUB levels.

Table 3B indicates that zinc was detected in the deep depth soil sample from SP-2, SP-8, and SP-10 at a concentration exceeding both its respective RSCO and EUB levels.

No metals were detected in the deep depth samples from SP-1, SP-3 through SP-7, SP-9, SP-11 and SP-12 at concentrations exceeding both their respective RSCO and EUB levels.

Groundwater Quality-Organic Analytical Results

Table 4A provides the EPA Method 8260, EPA Method 8270 and EPA Method 8081/8082 analytical results for the groundwater samples obtained from groundwater probes GP-1 and GP-4 at concentrations exceeding their respective MDL. **Table 4A** also provides a comparison of the results to each compound's Groundwater Quality Standard (GQS) from NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1. entitled Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. The concentrations reported in **Table 4A** are in micrograms/liter ($\mu\text{g/L}$).

As **Table 4A** indicates, no VOCs were detected in the groundwater samples from GP-1 and GP-4 at concentrations exceeding their respective GQS.

No levels of SVOCs, pesticides or PCBs were detected at concentrations exceeding their respective laboratory MDLs in any of the groundwater samples obtained.

Groundwater Quality-Inorganic Analytical Results

Table 4B provides the TAL Metals (filtered and unfiltered) detected in groundwater probes GP-1 and GP-4. **Table 4B** also provides a comparison of the results to each compound's GQS from NYSDEC TOGS 1.1.1. The concentrations reported in **Table 4B** are in milligrams per liter (mg/L).

As **Table 4B** indicates, aluminum, antimony, arsenic, cadmium, chromium, iron, magnesium, nickel, and zinc metals were detected in the unfiltered groundwater samples from GP-1 and GP-4 at concentrations exceeding their respective GQS.

DISCUSSION OF RESULTS

The GPR survey could not be performed in the basement of the building in Lot 35 due to the presence of debris and the difficulty in accessing the basement. The survey was performed in Lot 25 and 41, and over the remaining portions of Lot 35. One (1) anomaly was identified in the northwest portion of the Site in Lot 25 during the GPR survey. The anomaly was approximately 6 feet in length and 4 feet in width.

The results of the sampling investigation indicated no levels of VOCs were detected in any of the shallow or deep soil samples obtained from Lot 25 at concentrations exceeding their respective MDLs. SVOCs, specifically classified as Poly Aromatic Hydrocarbons (PAHs), were detected in the shallow depth soil samples from the western and southern portion of Lot 25 at concentrations exceeding their respective RSCO, as evidenced by the analytical results of SP-1 and SP-3. PAHs were also detected in the deep depth soil sample from the southwestern portion of Lot 25 at concentrations exceeding its respective RSCO, as evidenced by the analytical results of SP-4. The presence of PAHs is most likely associated with contaminated fill material rather than a release of petroleum. This is evidenced by the fact that no level of any organic vapors, visual or olfactory evidence of petroleum was identified during the field screening. Additionally, fill material consisting of pebble and gravel sized clasts was identified in the soil samples collected from SP-1 and SP-3. The SVOCs do not extend vertically or horizontally to any other portion of the lot, as evidenced by the analytical results of both the shallow and deep depth soil samples from SP-2, SP-4 and SP-5. Metals were detected in the shallow depth soil samples from the western, southern, and southeastern portions of Lot 25 at concentrations exceeding their respective RSCO, as evidenced by the analytical results of SP-1, SP-3 and SP-4. Zinc was detected in the deep depth soil sample from the eastern portion of Lot 25 at a concentration exceeding its respective RSCO, as evidenced by the analytical results of SP-2. No metals were detected in the shallow or deep depth soil sample from the southeastern portion of Lot 25 at concentrations exceeding their respective RSCO, as evidenced by the analytical results of SP-5. **Figure 3** provides the SVOC concentrations in soil. **Figure 4** provides the Metal concentrations in soil.

The results of the sampling investigation indicated no levels of VOCs or SVOCs were detected in any of the shallow or deep soil samples obtained from Lot 35 at concentrations exceeding their respective MDLs. No detectable levels (<0.1 ppm) of organic vapors were detected with the PID during the field screening of each sample. No visual or olfactory evidence of contamination was obtained from any of the soil samples. Metals were detected in the shallow depth soil samples from the eastern portion of Lot 35 at concentrations exceeding their respective RSCO, as evidenced by the analytical results of SP-7. Zinc was detected in the deep depth soil sample from the western portion of Lot 35 at a concentration exceeding its respective RSCO, as evidenced by the analytical results of SP-8. No metals were detected in the shallow or deep depth soil sample from the southern portion of Lot 35 at concentrations exceeding their respective RSCO, as evidenced by the analytical results of SP-6.

The results of the sampling investigation indicated no levels of VOCs were detected in any of the shallow or deep soil samples obtained from Lot 41 at concentrations exceeding their respective MDLs. SVOCs, specifically classified as Poly Aromatic Hydrocarbons (PAHs), were detected in the shallow depth soil samples from the western and southern portion of Lot 41 at concentrations exceeding their respective RSCO, as evidenced by the analytical results of SP-11 and SP-12. For similar reasons to the PAHs identified in the soil of Lot 25, the presence of PAHs identified in the soil of Lot 41 is most likely associated with contaminated fill material rather than a release of petroleum. The SVOCs do not extend vertically or horizontally to any other portion of the lot, as evidenced by the analytical results of both the shallow and deep depth soil samples from SP-9 and SP-10. Metals were detected in the shallow depth soil samples from the western and eastern portion of Lot 41 at concentrations exceeding their respective RSCO, as evidenced by the analytical results of SP-10 and SP-12. Zinc was detected in the deep depth soil sample from the eastern portion of Lot 41 at a concentration exceeding its respective RSCO, as evidenced by the analytical results of SP-10. No metals were detected in the shallow or deep depth soil sample from northern and southern portion of Lot 41 at concentrations exceeding their respective RSCO, as evidenced by the analytical results of SP-9 and SP-11.

Mr. Gary Heath
May 21, 2008
Page 8

As confirmed by the soil probe logs, fill material consisting of pebble and gravel sized clasts was identified in the soil samples from Lot 25, 35, and 41.

The depth to water at the Site is approximately 74 feet below grade surface. The regional groundwater flow direction in the vicinity of the Site is estimated to be generally south, in the direction of Jamaica Bay. No levels of VOCs were detected in the groundwater at concentrations exceeding its respective GQS, as evidenced by the analytical results of GP-1 and GP-4. No levels of SVOCs, pesticides, or PCBs were detected in the groundwater at concentrations exceeding their respective laboratory MDLs, as evidenced by the analytical results of GP-1 and GP-4. Additionally, metals were detected in the unfiltered groundwater at concentrations exceeding their respective GQS, as evidenced by the analytical results of GP-1 and GP-4. **Figure 5** provides the Metal concentrations in the groundwater.

Once you have had a chance to review this report, please contact me at your earliest convenience. You can contact me at (718) 636-0800.

Very Truly Yours,
Hydro Tech Environmental, Corp.

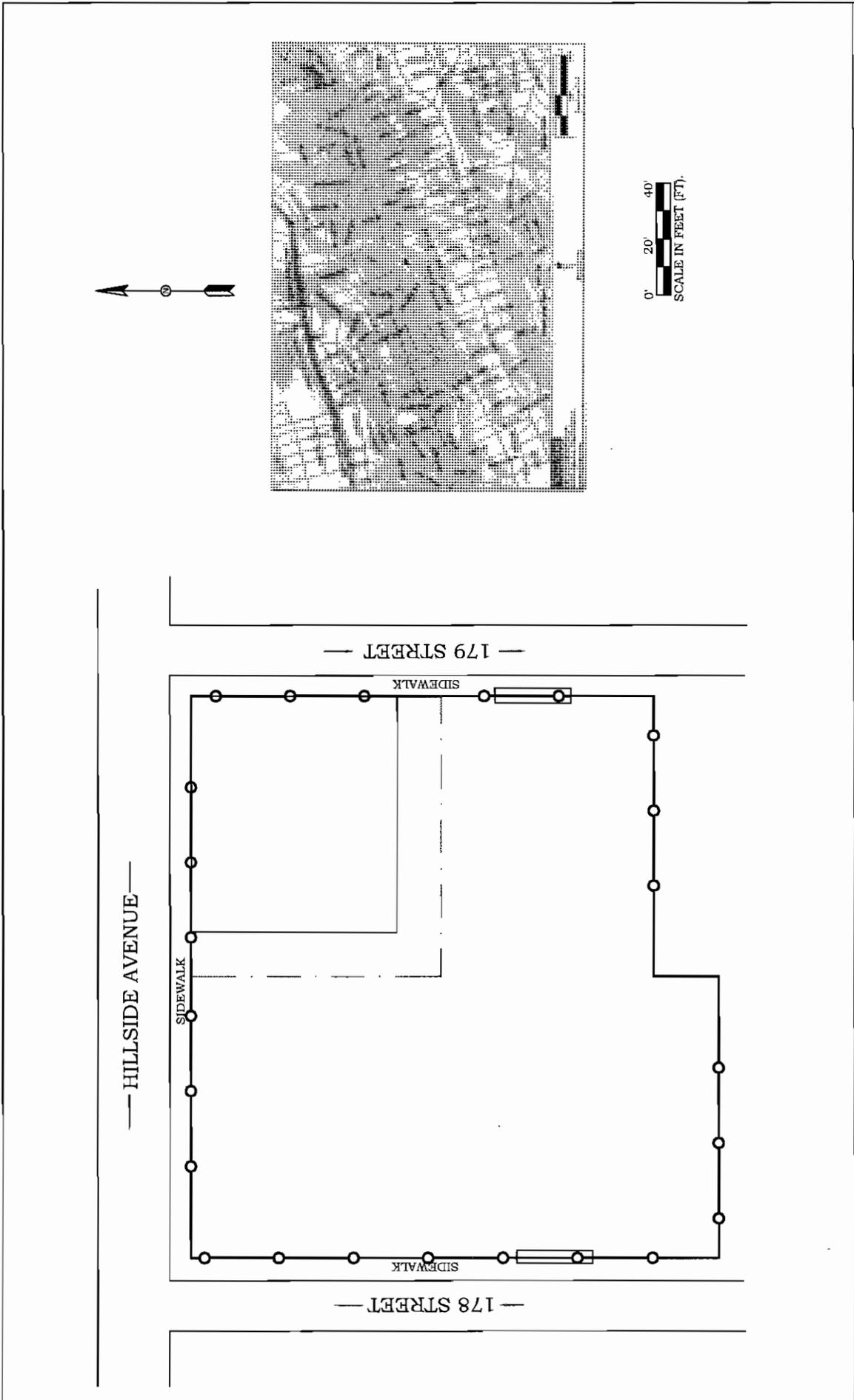


Timothy Lo
Project Geologist

Encs.
YS/ra

cc: Hydro Tech File 080026 w/ Encs.

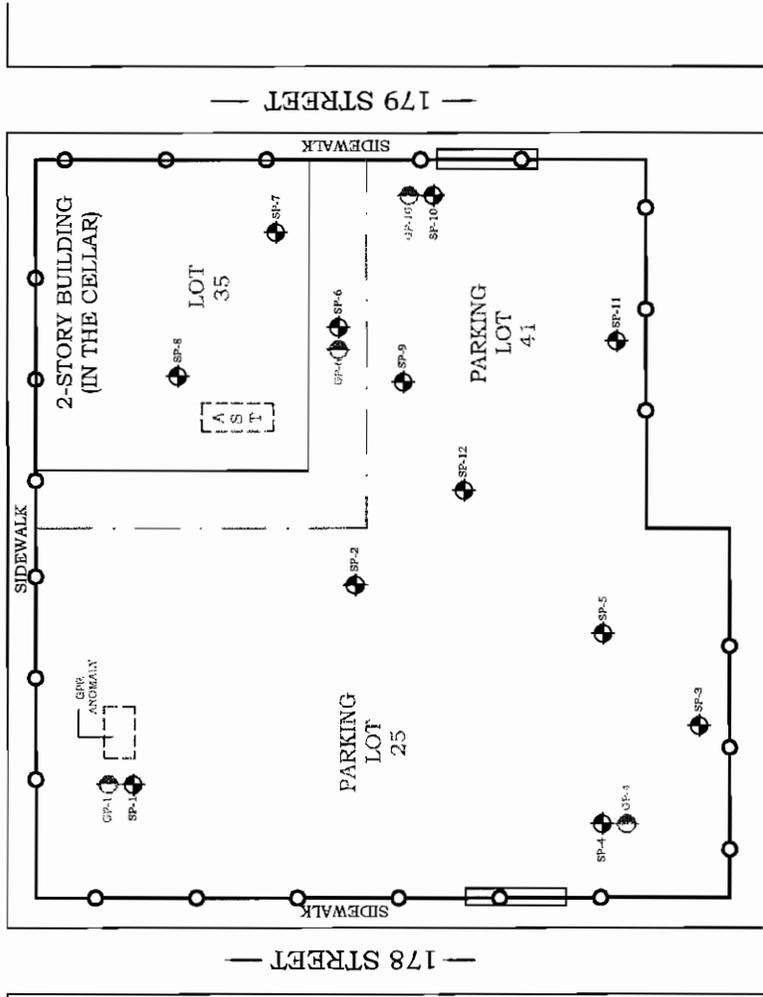
**FIGURE 1
SITE PLAN**



	<p> NYC OFFICE: 2171 JERUCHO TURNPIKE, SUITE 345 BROOKLYN, NEW YORK 11228 T (631)462-5866 F (631)462-5877 </p>	<p> NYC OFFICE: 1111 Fulton Street, 2nd Floor BROOKLYN, NEW YORK 11228 T (718)636-0800 F (718)636-0900 www.hydrotechnicalenvironmental.com </p>	<p> 178-02 Hillside Avenue Queens, NY. </p>	<p> TITLE: Drawn By: C-O Reviewed By: M.R. Approved By: M.S. Date: 06-04-08 Scale: </p>
	<p>FIGURE 1: SITE PLAN</p>			

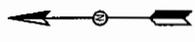
FIGURE 2
SAMPLING PLAN

— HILLSIDE AVENUE —



— 178 STREET —

— 179 STREET —



LEGEND:

- ◆ SOIL PROBE LOCATION (SP)
- GROUNDWATER PROBE LOCATION (GP)
- AST ABOVEGROUND STORAGE TANK



HYDROTECH ENVIRONMENTAL CORPORATION
NEW YORK OFFICE:
 2171 BERICHO TURNPIKE, SUITE 345
 BROADWAY, NEW YORK 11238
 T (631) 462-5866 F (631) 462-5877
 www.hydrotechenvironmental.com

178-02 Hillside Avenue
 Queens, NY.

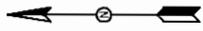
Drawn By:	C.Q.
Reviewed By:	M.R.
Approved By:	M.S.
Date:	06-04-08
Scale:	

TITLE:

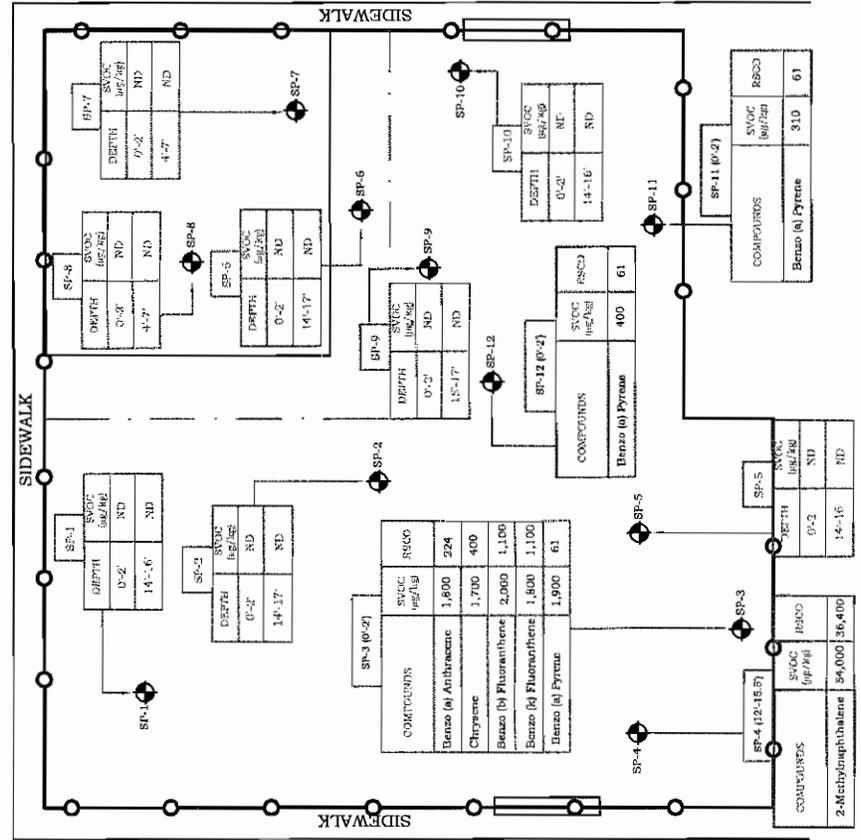
FIGURE 2: SAMPLING PLAN



FIGURE 3
SVOC CONTAMINATION IN SOIL DIAGRAM



HILLSIDE AVENUE



179 STREET

178 STREET

LEGEND:

- ◆ SOIL PROBE LOCATION (SP)
- μg/kg MICROGRAMS PER KILOGRAM
- RSCO RECOMMENDED SOIL CLEANUP OBJECTIVE

NOTE:
This Table List Only Compounds Detected At Concentrations Exceeding Thier Respective Method Detection Limit.



Drawn By:	C.O.
Reviewed By:	M.R.
Approved By:	M.S.
Date:	06-04-08
Scale:	

178-02 Hillside Avenue
Queens, NY.

HYDROTECH ENVIRONMENTAL, INC. OFFICE
2171 JERICHO TURNPIKE, SUITE 345
COMMACK, NEW YORK 11725
T (631)462-5866 F (631)462-5877
www.hydrotechenvironmental.com



FIGURE 3: SVOC CONCENTRATION IN SOIL
MAY 2008

COMPOUNDS	SVOC (μg/SP)	RSCO
Benzo (a) Pyrene	310	61

COMPOUNDS	SVOC (μg/LB)	RSCO
Benzo (a) Anthracene	1,800	224
Chrysenes	1,700	400
Benzo (b) Fluoranthene	2,000	1,100
Benzo (k) Fluoranthene	1,800	1,100
Benzo (a) Pyrene	1,900	61

COMPOUNDS	SVOC (μg/SP)	RSCO
2-Methylnaphthalene	54,000	36,400

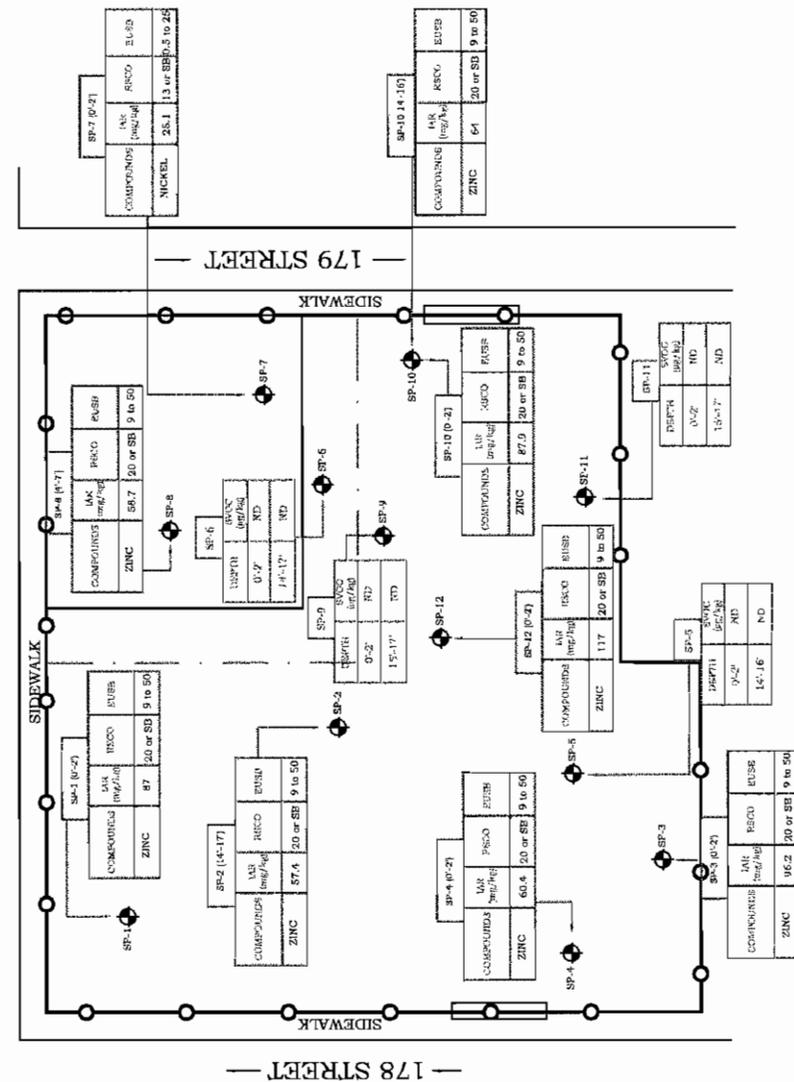
COMPOUNDS	SVOC (μg/SP)	RSCO
Benzo (a) Pyrene	400	61

COMPOUNDS	SVOC (μg/SP)	RSCO
Benzo (a) Pyrene	310	61

COMPOUNDS	SVOC (μg/SP)	RSCO
Benzo (a) Pyrene	310	61

FIGURE 4
METAL CONTAMINATION IN SOIL DIAGRAM

HILLSIDE AVENUE



178 STREET

179 STREET

SIDEWALK

NY OFFICE:
2171 JERICHO TURNPIKE, SUITE 345
COMMACK, NEW YORK 11725
T (631)462-5866 F (631)462-5877
www.hydrotechenvironmental.com

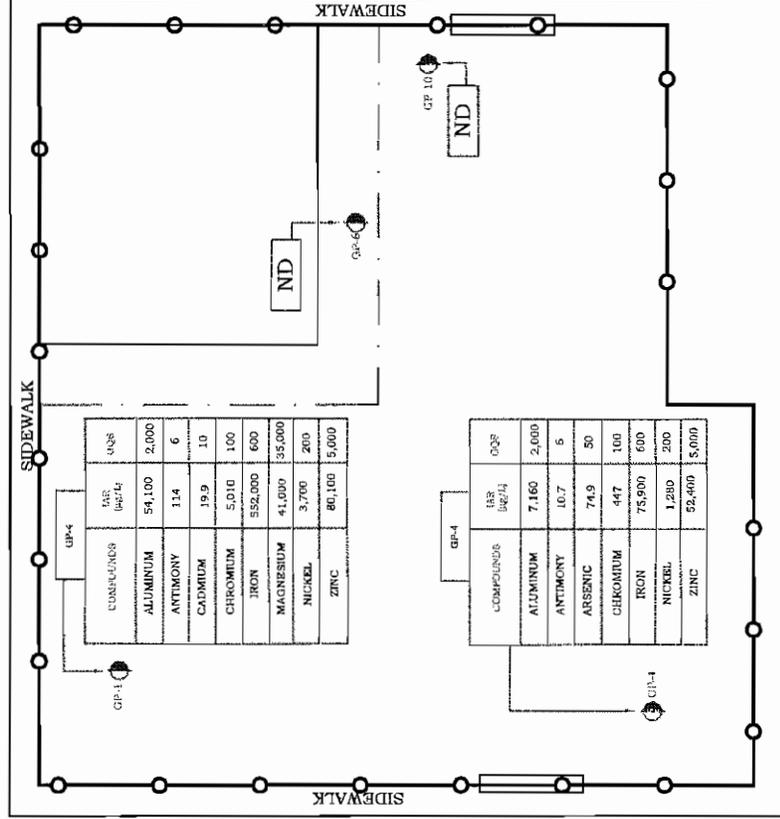
MAIN OFFICE:
1111 Fulton Street, 2nd Floor
BROOKLYN, NEW YORK 11228
T (718)356-0800 F (718)356-0900

Drawn By: C.Q.
Reviewed By: M.R.
Approval By: A.S.
Date: 06-04-08
Scale:

TITLE:
FIGURE 4: METAL CONCENTRATION IN SOIL
MAY 2008

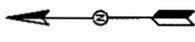
FIGURE 5
METAL CONTAMINATION IN GROUNDWATER DIAGRAM

HILLSIDE AVENUE



179 STREET

178 STREET



LEGEND:

- GROUNDWATER PROBE LOCATION (GP)
- μE/L MICROGRAMS PER LITER
- GQS GROUNDWATER QUALITY STANDARD
- IAR INORGANIC ANALYTICAL RESULT
- ND NONE DETECTED

NOTE:

This Table List Only Compounds Detected At Concentrations Exceeding Thier Respective Method Detection Limit.



TITLE:

FIGURE 5: METAL CONCENTRATION IN GROUNDWATER-MAY 2008

Drawn By:	C.Q.
Reviewed By:	M.R.
Approved By:	M.S.
Date:	06-04-08
Scale:	

178-02 Hillside Avenue
Queens, NY.

HYDROTECH ENVIRONMENTAL
MAIN OFFICE:
 2171 BRICCO TURNPIKE, SUITE 345
 COMACK, NEW YORK 11725
 T (631) 462-5866 F (631) 462-3877
 www.hydrotechenvironmental.com

NYC OFFICE:
 1111 Fulton Street, 2nd Floor
 BROOKLYN, NEW YORK 11238
 T (718) 636-0800 F (718) 635-0900



TABLE 1
SOIL CHARACTERIZATION DETAILS

TABLE 2A
SHALLOW SOIL SAMPLES ORGANIC ANALYTICAL RESULTS

Table 2A
Soil Samples Organic Analytical Results (Shallow)
178-02 Hillside Ave, Jamaica, NY

Sample Identification	1	2	3	4	5	6	7	8	9	10	11	12	NYSDEC TAGM #4046 Recommended Soil Cleanup Objectives	
Boring Number	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7	SP-8	SP-9	SP-10	SP-11	SP-12		
Sample Depth	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2' (basement)	0'-2' (basement)	0'-2'	0'-2'	0'-2'	0'-2'		
Sample Date	5/22/2008	5/22/2008	5/22/2008	5/2/2008	5/22/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg		
Volatile Organic Compounds (µg/kg)														
ND														
Semi-Volatile Organic Compounds (µg/kg)														
Acenaphthene	ND	ND	220	ND	ND	ND	ND	ND	ND	ND	ND	ND	50,000	
Phenanthrene	ND	ND	3,200	ND	ND	ND	ND	ND	ND	ND	250	250	50,000	
Anthracene	ND	ND	2,600	ND	ND	ND	ND	ND	ND	ND	210	210	50,000	
Fluoranthene	240	ND	4,600	ND	ND	ND	ND	ND	ND	ND	400	450	50,000	
Pyrene	230	ND	3,200	ND	ND	ND	ND	ND	ND	ND	320	370	50,000	
Benzo (a) Anthracene	170	ND	1,800	ND	ND	ND	ND	ND	ND	ND	200	ND	224	
Chrysene	200	ND	1,700	ND	ND	ND	ND	ND	ND	ND	210	270	400	
Benzo (b) Fluoranthene	340	ND	2,000	ND	ND	ND	ND	ND	ND	ND	380	450	1,100	
Benzo (k) Fluoranthene	320	ND	1,800	ND	ND	ND	ND	ND	ND	ND	340	420	1,100	
Benzo (a) Pyrene	310	ND	1,900	ND	ND	ND	ND	ND	ND	ND	310	400	61	
Total SVOCs	1,810	ND	23,020	ND	ND	ND	ND	ND	ND	ND	2,620	2,820	500,000	
Pesticides														
Heptachlor Epoxide	ND	ND	ND	ND	ND	ND	18.5	18.5	ND	ND	ND	ND	20	
PCBs														
Aroclor 1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.052	ND	0.029	1,000	

NS...No Standard

ND...Not Detected

Shaded values represent concentration exceeding the RSCO

This Table Lists Only Compounds Detected At Concentrations Exceeding Their Respective Method Detection Limit.

mdl...method detection limit

ug/kg...micrograms per kilogram

Table 2B
Soil Samples Organic Analytical Results (Deep)
178-02 Hillside Ave, Jamaica, NY

Sample Identification	1	2	3	4	5	6	7	8	9	10	11	12	NYSDEC TAGM #4046 Recommended Soil Cleanup Objectives	
Boring Number	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7	SP-8	SP-9	SP-10	SP-11	SP-12		
Sample Depth	14'-16'	14'-17'	14'-16'	12'-15 1/2'	14'-16'	14'-17'	4'-7' (basement)	4'-7' (basement)	15'-17'	14'-16'	15'-17'	14'-16'		
Sample Date	5/22/2008	5/22/2008	5/22/2008	5/2/2008	5/22/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008		
Sample Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg		
Volatile Organic Compounds (µg/kg)														
ND														
Semi-Volatile Organic Compounds (µg/kg)														
Naphthalene	ND	ND	ND	11,000	ND	ND	ND	ND	ND	ND	ND	ND	13,000	
2-Methylnaphthalene	ND	ND	ND	54,000	ND	ND	ND	ND	ND	ND	ND	ND	36,400	
Phenanthrene	ND	ND	ND	8,100	ND	ND	ND	ND	ND	ND	ND	ND	50,000	
Anthracene	ND	ND	ND	7,200	ND	ND	ND	ND	ND	ND	ND	ND	50,000	
Total SVOCs	ND	ND	ND	80,300	ND	ND	ND	ND	ND	ND	ND	ND	500,000	
Pesticides														
Heptachlor Epoxide	ND	ND	ND	ND	ND	ND	19.4	19.7	ND	ND	ND	ND	20	
PCBs														
Aroclor 1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.049	ND	ND	1,000	
Aroclor 1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.020	ND	ND	1,000	

NS...No Standard

ND...Not Detected

Shaded values represent concentration exceeding the RSCO

This Table Lists Only Compounds Detected At Concentrations Exceeding Their Respective Method Detection Limit.

mdl...method detection limit

ug/kg...micrograms per kilogram

Table 3A
Soil Samples Inorganic Analytical Results (shallow)
178-02 Hillside Ave, Jamaica, NY

Sample Identification	1	2	3	4	5	6	7	8	9	10	11	12	NYSDEC TAGM #4046 Recommended Soil Cleanup Objectives (mg/kg)	NYSDEC TAGM #4046 Eastern USA Site Background (mg/kg)
Sample Location	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7	SP-8	SP-9	SP-10	SP-11	SP-12		
Sample Depth	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2'	0'-2' (basement)	0'-2' (basement)	0'-2'	0'-2'	0'-2'	0'-2'		
Sample Date	5/22/2008	5/22/2008	5/22/2008	5/2/2008	5/22/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008	5/23/2008		
Sample Matrix	Soil Metals	Soil Metals	Soil Metals	Soil Metals	Soil Metals	Soil Metals								
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg								
Aluminum	6,700	13,500	3,340	13,800	12,700	6,560	6,810	5,500	6,280	8,690	7,500	8,990	SB	33,000
Antimony	1.75	2.38	3.88	2.59	2.75	1.59	ND	ND	1.36	1.58	1.44	1.54	SB	N/A
Arsenic	5.63	4.86	11	6.96	4.34	2.14	1.98	2.84	2.10	5.19	3.95	6.18	7.5	3 to 12
Barium	65.1	48.1	46	110	37.7	41	62.4	35.2	57.7	67.4	36.9	80.3	300 or SB	15 to 600
Cadmium	0.78	ND	ND	ND	ND	ND	ND	ND	ND	0.60	ND	ND	0.1 to 1	1 or SB
Calcium	6,710	781	7,380	2,960	1,240	3,690	16,100	1,130	1,430	13,700	8,010	18,600	30 to 35,000	SB
Chromium	16.7	22.1	11.9	19.4	22.9	12.5	18.9	19.6	15.7	17.9	14.9	17.6	1 to 40**	10 or SB
Cobalt	7.52	7.44	4.9	6.5	7.88	8.67	7.55	8.63	7.50	7.56	7.22	7.63	30 or SB	2.5 to 60
Copper	38.8	17	28.6	21.8	20.8	26.4	29.8	24.8	23.9	42.2	26.4	31.8	25 or SB	1 to 50
Iron	13,700	16,200	11,600	16,500	16,200	15,700	15,100	18,500	14,600	19,400	13,000	15,300	2,000 or SB	2,000 to 550,000
Lead	112	13	57.3	84.8	11.1	11.4	19.9	4.56	5.80	73.3	12.9	94.1	SB	200 to 500 ppm
Magnesium	2,890	2,490	1,560	2,060	2,360	2,290	3,690	1,720	2,170	2,680	2,830	3,130	SB	100 to 5,000
Manganese	277	237	132	506	218	510	307	441	652	352	239	300	SB	50 to 50,000
Mercury	ND	ND	0.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.001 to 0.2
Nickel	21.9	11.6	11	12.7	14.2	15.1	25.1	15.1	18.3	16.4	15.4	18.7	13 or SB	0.5 to 25
Potassium	462	476	528	387	486	542	1,180	7,470	929	605	636	597	SB	8,500 to 43,000
Sodium	198	44.1	92.1	50.1	46.6	79	160	92	100	156	151	125	SB	6,000 to 8,000
Vanadium	24.1	32.6	14.9	28	30.3	22	25.1	37.5	20.2	27.6	25.8	26.3	150 or SB	1 to 300
Zinc	87	36.4	96.2	60.4	29.8	31.8	35.6	30.1	29.7	117	32.2	87.9	20 or SB	9 to 50

ND...not detected

mg/kg...milligrams per kilogram

SB...Site Background

Shaded values represent concentration exceeding Eastern USA Background

N/A...not available

This Table Lists Only Compounds Detected At Concentrations Exceeding Their Respective Method Detection Limit.

Sample Identification	1	2	12	NYSDEC TAGM #4046 Recommended Soil Cleanup Objectives (mg/kg)	NYSDEC TAGM #4046 Eastern USA Site Background (mg/kg)
Sample Location	SP-1	SP-2	SP-12		
Sample Depth	14'-16'	14'-17'	14'-16'		
Sample Date	5/22/2008	5/22/2008	5/23/2008		
Sample Matrix	Soil Metals	Soil Metals	Soil Metals		
Units	mg/Kg	mg/Kg	mg/Kg		
Aluminum	6,680	4,800	4,230	SB	33,000
Antimony	1.37	1.45	1.54	SB	N/A
Arsenic	2.98	2.49	3.10	7.5	3 to 12
Barium	41.6	33.2	36.8	300 or SB	15 to 600
Calcium	1,460	6,690	559	30 to 35,000	SB
Chromium	21.8	17.8	21.3	1 to 40**	10 or SB
Cobalt	7.92	6.24	11.7	30 or SB	2.5 to 60
Copper	33.5	21	25.1	25 or SB	1 to 50
Iron	14,600	11,100	10,700	2,000 or SB	2,000 to 550,000
Lead	13	27.7	4.70	SB	200 to 500 ppm
Magnesium	2,400	3,790	1,310	SB	100 to 5,000
Manganese	378	242	386	SB	50 to 50,000
Nickel	22.4	17.7	16.9	13 or SB	0.5 to 25
Potassium	644	464	350	SB	8,500 to 43,000
Sodium	165	143	14.1	SB	6,000 to 8,000
Vanadium	21.1	14.8	54.3	150 or SB	1 to 300
Zinc	35.4	57.4	24.1	20 or SB	9 to 50

ND...not detected

mg/kg...milligrams per kilogram

SB...Site Background

Shaded values represent concentration exceeding Eastern USA Backgro

N/A...not available

This Table Lists Only Compounds Detected At Concentrations

TABLE 4A
WATER SAMPLES ORGANIC ANALYTICAL RESULTS

Table 4A
Water Samples Organic Analytical Results
Hillside Ave, Queens

Sample Identification	1	2	NYSDEC TOGS 1.1.1 Groundwater Quality Standard
Boring Number	GP-1	GP-4	
Sample Date	5/28/2008	5/27/2008	
Sample Matrix	Water	Water	
Units	ug/L	ug/L	
Volatile Organic Compounds			
Chloroform	ND	6	7
Semivolatile Organic Compounds			
ND			
Pesticides			
ND			
PCBs			
ND			

NS...No Standard

ug/L...micrograms per Liter

ND...not detected

Shaded values represent concentration exceeding the GQS

This Table Lists Only Compounds Detected At Concentrations Exceeding Their Respective Method Detection Lim

TABLE 4B
WATER SAMPLES INORGANIC ANALYTICAL RESULTS

Table 4B
Water Samples Inorganic Analytical Results
Hillside Ave, Queens

Sample Identification	1	2	NYSDEC TOGS 1.1.1 Groundwater Quality Standard
Boring Number	GP-4	GP-1	
Sample Date	5/28/2008	5/27/2008	
Sample Matrix	Water Metals	Water Metals	
Units	ug/L	ug/L	
Aluminum	7,160	54,100	2,000
Antimony	10.7	114	6
Arsenic	74.9	22.9	50
Barium	328	1,260	2,000
Cadmium	ND	19.9	10
Calcium	62,100	155,000	NS
Chromium	447	3,010	100
Cobalt	79	ND	NS
Copper	2,180	5,470	NS
Iron	75,900	552,000	600
Lead	70.8	217	35,000
Magnesium	21,700	41,000	35,000
Manganese	4,460	14,700	NS
Mercury	ND	0.0003	1.4
Nickel	1,280	3,700	200
Potassium	7,840	39,600	NS
Silver	6.8	85.4	100
Sodium	163,000	159,000	SB
Vanadium	13.7	117	NS
Zinc	52,400	80,100	5,000

NS...No Standard

ug/L...micrograms per Liter

ND...not detected

Shaded values represent concentration exceeding the GQS

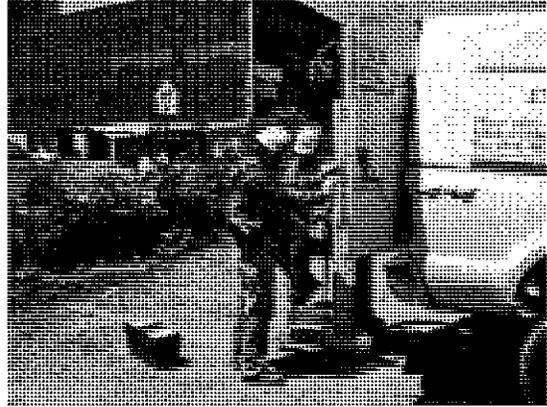
This Table Lists Only Compounds Detected At Concentrations Exceeding Their Respective Method Detect

ATTACHMENT #1
PHOTOGRAPHS

SOIL PROBE INSTALLATION



SOIL PROBE INSTALLATION



SOIL PROBE INSTALL IN BASEMENT



GROUNDWATER PROBE INSTALL



GROUNDWATER PROBE INSTALL



GROUNDWATER PROBE INSTALL



ATTACHMENT #2
SOIL PROBE LOGS



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor

Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-1		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	dark brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	dark brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med grained matrix, sandy loam, no odor
-6	0.0	SP	brown, med grained matrix, sandy loam, no odor
-8	0.0	SP	brown, fine to med grained matrix, sandy loam, no odor
-10	0.0	SP	brown, fine to med grained matrix, sandy loam, no odor
-12	0.0	SP	brown, fine grained matrix, sandy loam, no odor
-14	0.0	SP	brown, fine grained matrix, sandy loam, no odor
-16	0.0	SP	brown, fine grained matrix, sandy loam, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

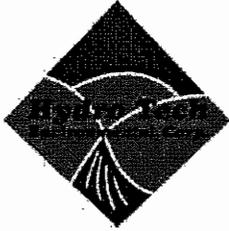
Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-2		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 17 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained marix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained marix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med to coarse grained marix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med to coarse grained marix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor

Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-3		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	brown, med to coarse grained matrix, sandy loam, no odor
-2	0.0	SP	brown, med grained matrix, sandy loam, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-4		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 15 1/2 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-14			



Hydro Tech Environmental, Corp.

Main Office
 2171 Jericho Turnpike, Suite 240
 Commack, New York 11725
 T (631) 462-5866 · F (631) 462-5877
 www.hydrotechenvironmental.com

NYC Office
 1111 Fulton Street, 2nd Floor
 Brooklyn, New York 11238
 T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

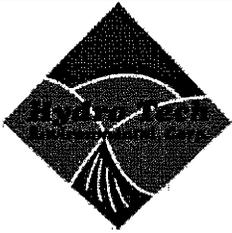
Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-5		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	
-16			



Hydro Tech Environmental, Corp.

Main Office
 2171 Jericho Turnpike, Suite 240
 Commack, New York 11725
 T (631) 462-5866 · F (631) 462-5877
 www.hydrotechenvironmental.com

NYC Office
 1111 Fulton Street, 2nd Floor
 Brooklyn, New York 11238
 T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-6		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 17 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble and brick clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-7		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 7 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
-2	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
-4	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
-6	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-8		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 7 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
-2	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
-4	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
-6	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-9		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 17 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble and brick clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-10		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------------	----------------------	------	------------------

0	0.0	SP	asphalt to brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	
-16			



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor

Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-11		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 17 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-12		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor

**ATTACHMENT # 3
LABORATORY REPORTS**

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Hydro Tech Environmental
1111 Fulton Street
2nd Floor
Brooklyn, NY 11238
Attention: Yash Saha

Report Date: 5/30/2008
Re: Client Project ID: 178-02 Hillside
York Project No.: 08050827

CT License No. PH-0723

New Jersey License No. CT-005

New York License No. 10854



Report Date: 5/30/2008
 Client Project ID: 178-02 Hillside
 York Project No.: 08050827

Hydro Tech Environmental
 1111 Fulton Street
 2nd Floor
 Brooklyn, NY 11238
 Attention: Yash Saha

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/28/08. The project was identified as your project "178-02 Hillside".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			SP-1 (0-2')		SP-1 (14-16')	
York Sample ID			08050827-01		08050827-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00

YORK

Client Sample ID			SP-1 (0-2')		SP-1 (14-16')	
York Sample ID			08050827-01		08050827-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-1 (0-2')		SP-1 (14-16')	
York Sample ID			08050827-01		08050827-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			170	165	Not detected	165
Benzo(a)pyrene			310	165	Not detected	165
Benzo(b)fluoranthene			340	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			320	165	Not detected	165

YORK

Client Sample ID			SP-1 (0-2')		SP-1 (14-16')	
York Sample ID			08050827-01		08050827-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			200	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			240	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			230	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			6700	1.00	6680	1.00
Antimony			1.75	1.00	1.37	1.00
Arsenic			5.63	1.00	2.98	1.00
Barium			65.1	1.00	41.6	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			0.78	0.500	Not detected	0.500
Calcium			6710	2.00	1460	2.00
Chromium			16.7	0.500	21.8	0.500
Cobalt			7.52	1.00	7.92	1.00
Copper			38.8	1.00	33.5	1.00
Iron			13700	1.00	14600	1.00
Lead			112	1.00	13.0	1.00

YORK

Client Sample ID			SP-1 (0-2')		SP-1 (14-16')	
York Sample ID			08050827-01		08050827-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Magnesium			2890	2.00	2400	2.00
Manganese			277	1.00	378	1.00
Nickel			21.9	1.00	22.4	1.00
Potassium			462	3.00	644	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			198	5.00	165	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			24.1	2.00	21.1	2.00
Zinc			87.0	2.00	35.4	2.00
Mercury	SW846-7471	mg/kg	Not detected	0.10	Not detected	0.10

Client Sample ID			SP-2 (0-2')		SP-2 (14-17')	
York Sample ID			08050827-03		08050827-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-2 (0-2')		SP-2 (14-17')	
York Sample ID			08050827-03		08050827-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-2 (0-2')		SP-2 (14-17')	
York Sample ID			08050827-03		08050827-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			Not detected	165	Not detected	165
Benzo(a)pyrene			Not detected	165	Not detected	165
Benzo(b)fluoranthene			Not detected	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			Not detected	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-2 (0-2')		SP-2 (14-17')	
York Sample ID			08050827-03		08050827-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			13500	1.00	4800	1.00
Antimony			2.38	1.00	1.45	1.00
Arsenic			4.86	1.00	2.49	1.00
Barium			48.1	1.00	33.2	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			781	2.00	6690	2.00
Chromium			22.1	0.500	17.8	0.500
Cobalt			7.44	1.00	6.24	1.00
Copper			17.0	1.00	21.0	1.00
Iron			16200	1.00	11100	1.00
Lead			13.0	1.00	27.7	1.00
Magnesium			2490	2.00	3790	2.00
Manganese			237	1.00	242	1.00
Nickel			11.6	1.00	17.7	1.00
Potassium			476	3.00	464	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			44.1	5.00	143	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			32.6	2.00	14.8	2.00
Zinc			36.4	2.00	57.4	2.00
Mercury	SW846-7471	mg/kg	Not detected	0.10	Not detected	0.10

YORK

Client Sample ID			SP-3 (0-2')		SP-3 (14-16')	
York Sample ID			08050827-05		08050827-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-3 (0-2')		SP-3 (14-16')	
York Sample ID			08050827-05		08050827-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-3 (0-2')		SP-3 (14-16')	
York Sample ID			08050827-05		08050827-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			220	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			2600	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			1800	165	Not detected	165
Benzo(a)pyrene			1900	165	Not detected	165
Benzo(b)fluoranthene			2000	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			1800	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			1700	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			4600	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			3200	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			3200	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017

YORK

Client Sample ID			SP-3 (0-2')		SP-3 (14-16')	
York Sample ID			08050827-05		08050827-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			3340	1.00	4410	1.00
Antimony			3.88	1.00	1.75	1.00
Arsenic			11.0	1.00	2.05	1.00
Barium			46.0	1.00	33.1	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			7380	2.00	8020	2.00
Chromium			11.9	0.500	11.8	0.500
Cobalt			4.90	1.00	5.76	1.00
Copper			28.6	1.00	18.9	1.00
Iron			11600	1.00	10200	1.00
Lead			57.3	1.00	7.15	1.00
Magnesium			1560	2.00	1870	2.00
Manganese			132	1.00	277	1.00
Nickel			11.0	1.00	15.0	1.00
Potassium			528	3.00	449	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			92.1	5.00	88.6	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			14.9	2.00	17.3	2.00
Zinc			96.2	2.00	24.7	2.00
Mercury	SW846-7471	mg/kg	0.16	0.10	Not detected	0.10

Client Sample ID			SP-4 (0-2')		SP-4 (12-15 1/2')	
York Sample ID			08050827-07		08050827-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0

YORK

Client Sample ID			SP-4 (0-2')		SP-4 (12-15 1/2')	
York Sample ID			08050827-07		08050827-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-4 (0-2')		SP-4 (12-15 ½')	
York Sample ID			08050827-07		08050827-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	3300
1,2-Dichlorobenzene			Not detected	165	Not detected	3300
1,3-Dichlorobenzene			Not detected	165	Not detected	3300
1,4-Dichlorobenzene			Not detected	165	Not detected	3300
2,4,5-Trichlorophenol			Not detected	165	Not detected	3300
2,4,6-Trichlorophenol			Not detected	165	Not detected	3300
2,4-Dichlorophenol			Not detected	165	Not detected	3300
2,4-Dimethylphenol			Not detected	165	Not detected	3300
2,4-Dinitrophenol			Not detected	165	Not detected	3300
2,4-Dinitrotoluene			Not detected	165	Not detected	3300
2,6-Dinitrotoluene			Not detected	165	Not detected	3300
2-Chloronaphthalene			Not detected	165	Not detected	3300
2-Chlorophenol			Not detected	165	Not detected	3300
2-Methylnaphthalene			Not detected	165	54000	3300
2-Methylphenol			Not detected	165	Not detected	3300
2-Nitroaniline			Not detected	165	Not detected	3300
2-Nitrophenol			Not detected	165	Not detected	3300
3,3'-Dichlorobenzidine			Not detected	165	Not detected	3300
3-Methylphenol			Not detected	165	Not detected	3300
3-Nitroaniline			Not detected	165	Not detected	3300
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	3300
4-Bromophenyl phenyl ether			Not detected	165	Not detected	3300
4-Chloro-3-methyl phenol			Not detected	165	Not detected	3300
4-Chloroaniline			Not detected	165	Not detected	3300
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	3300
4-Methylphenol			Not detected	165	Not detected	3300
4-Nitroaniline			Not detected	165	Not detected	3300
4-Nitrophenol			Not detected	165	Not detected	3300
Acenaphthene			Not detected	165	Not detected	3300
Acenaphthylene			Not detected	165	Not detected	3300
Aniline			Not detected	165	Not detected	3300
Anthracene			Not detected	165	7200	3300
Benzidine			Not detected	165	Not detected	3300
Benzo(a)anthracene			Not detected	165	Not detected	3300
Benzo(a)pyrene			Not detected	165	Not detected	3300

YORK

Client Sample ID			SP-4 (0-2')		SP-4 (12-15 1/2')	
York Sample ID			08050827-07		08050827-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(b)fluoranthene			Not detected	165	Not detected	3300
Benzo(g,h,i)perylene			Not detected	165	Not detected	3300
Benzo(k)fluoranthene			Not detected	165	Not detected	3300
Benzyl alcohol			Not detected	165	Not detected	3300
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	3300
Bis(2-chloroethyl)ether			Not detected	165	Not detected	3300
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	3300
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	3300
Butyl benzyl phthalate			Not detected	165	Not detected	3300
Chrysene			Not detected	165	Not detected	3300
Dibenz(a,h)anthracene			Not detected	165	Not detected	3300
Dibenzofuran			Not detected	165	Not detected	3300
Diethylphthalate			Not detected	165	Not detected	3300
Dimethylphthalate			Not detected	165	Not detected	3300
Di-n-butylphthalate			Not detected	165	Not detected	3300
Di-n-octylphthalate			Not detected	165	Not detected	3300
Fluoranthene			Not detected	165	Not detected	3300
Fluorene			Not detected	165	Not detected	3300
Hexachlorobenzene			Not detected	165	Not detected	3300
Hexachlorobutadiene			Not detected	165	Not detected	3300
Hexachlorocyclopentadiene			Not detected	165	Not detected	3300
Hexachloroethane			Not detected	165	Not detected	3300
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	3300
Isophorone			Not detected	165	Not detected	3300
Naphthalene			Not detected	165	11000	3300
Nitrobenzene			Not detected	165	Not detected	3300
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	3300
N-Nitrosodiphenylamine			Not detected	165	Not detected	3300
Pentachlorophenol			Not detected	165	Not detected	3300
Phenanthrene			Not detected	165	8100	3300
Phenol			Not detected	165	Not detected	3300
Pyrene			Not detected	165	Not detected	3300
Pyridine			Not detected	165	Not detected	3300
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			13800	1.00	5080	1.00
Antimony			2.59	1.00	Not detected	1.00
Arsenic			6.96	1.00	2.18	1.00
Barium			110	1.00	31.8	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			2960	2.00	2770	2.00
Chromium			19.4	0.500	13.3	0.500
Cobalt			6.50	1.00	5.96	1.00

YORK

Client Sample ID			SP-4 (0-2')		SP-4 (12-15 1/2')	
York Sample ID			08050827-07		08050827-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Copper			21.8	1.00	17.7	1.00
Iron			16500	1.00	9230	1.00
Lead			84.8	1.00	5.79	1.00
Magnesium			2060	2.00	1470	2.00
Manganese			506	1.00	220	1.00
Nickel			12.7	1.00	13.6	1.00
Potassium			387	3.00	502	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			50.1	5.00	107	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			28.0	2.00	16.8	2.00
Zinc			60.4	2.00	20.7	2.00
Mercury	SW846-7471	mg/kg	Not detected	0.10	Not detected	0.10

Client Sample ID			SP-5 (0-2')		SP-5 (14-16')	
York Sample ID			08050827-09		08050827-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	5.0
1,1,1-Trichloroethane			Not detected	10	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	5.0
1,1,2-Trichloroethane			Not detected	10	Not detected	5.0
1,1-Dichloroethane			Not detected	10	Not detected	5.0
1,1-Dichloroethylene			Not detected	10	Not detected	5.0
1,1-Dichloropropylene			Not detected	10	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	10	Not detected	5.0
1,2,3-Trichloropropane			Not detected	10	Not detected	5.0

YORK

Client Sample ID			SP-5 (0-2')		SP-5 (14-16')	
York Sample ID			08050827-09		08050827-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trichlorobenzene			Not detected	10	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	10	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	5.0
1,2-Dibromoethane			Not detected	10	Not detected	5.0
1,2-Dichlorobenzene			Not detected	10	Not detected	5.0
1,2-Dichloroethane			Not detected	10	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	5.0
1,2-Dichloropropane			Not detected	10	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	10	Not detected	5.0
1,3-Dichlorobenzene			Not detected	10	Not detected	5.0
1,3-Dichloropropane			Not detected	10	Not detected	5.0
1,4-Dichlorobenzene			Not detected	10	Not detected	5.0
2,2-Dichloropropane			Not detected	10	Not detected	5.0
2-Chlorotoluene			Not detected	10	Not detected	5.0
4-Chlorotoluene			Not detected	10	Not detected	5.0
Benzene			Not detected	10	Not detected	5.0
Bromobenzene			Not detected	10	Not detected	5.0
Bromochloromethane			Not detected	10	Not detected	5.0
Bromodichloromethane			Not detected	10	Not detected	5.0
Bromoform			Not detected	10	Not detected	5.0
Bromomethane			Not detected	10	Not detected	5.0
Carbon tetrachloride			Not detected	10	Not detected	5.0
Chlorobenzene			Not detected	10	Not detected	5.0
Chloroethane			Not detected	10	Not detected	5.0
Chloroform			Not detected	10	Not detected	5.0
Chloromethane			Not detected	10	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	10	Not detected	5.0
Dibromochloromethane			Not detected	10	Not detected	5.0
Dibromomethane			Not detected	10	Not detected	5.0
Dichlorodifluoromethane			Not detected	10	Not detected	5.0
Ethylbenzene			Not detected	10	Not detected	5.0
Hexachlorobutadiene			Not detected	10	Not detected	5.0
Isopropylbenzene			Not detected	10	Not detected	5.0
Methylene chloride			Not detected	10	Not detected	5.0
MTBE			Not detected	10	Not detected	5.0
Naphthalene			Not detected	10	Not detected	5.0
n-Butylbenzene			Not detected	10	Not detected	5.0
n-Propylbenzene			Not detected	10	Not detected	5.0
o-Xylene			Not detected	10	Not detected	5.0
p- & m-Xylenes			Not detected	10	Not detected	5.0
p-Isopropyltoluene			Not detected	10	Not detected	5.0
sec-Butylbenzene			Not detected	10	Not detected	5.0
Styrene			Not detected	10	Not detected	5.0
tert-Butylbenzene			Not detected	10	Not detected	5.0
Tetrachloroethylene			Not detected	10	Not detected	5.0
Toluene			Not detected	10	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	10	Not detected	5.0
Trichloroethylene			Not detected	10	Not detected	5.0
Trichlorofluoromethane			Not detected	10	Not detected	5.0
Vinyl chloride			Not detected	10	Not detected	5.0

YORK

Client Sample ID			SP-5 (0-2')		SP-5 (14-16')	
York Sample ID			08050827-09		08050827-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			Not detected	165	Not detected	165
Benzo(a)pyrene			Not detected	165	Not detected	165
Benzo(b)fluoranthene			Not detected	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			Not detected	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-5 (0-2')		SP-5 (14-16')	
York Sample ID			08050827-09		08050827-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			12700	1.00	2370	1.00
Antimony			2.75	1.00	Not detected	1.00
Arsenic			4.34	1.00	1.04	1.00
Barium			37.7	1.00	29.6	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			1240	2.00	391	2.00
Chromium			22.9	0.500	4.84	0.500
Cobalt			7.88	1.00	3.31	1.00
Copper			20.8	1.00	12.8	1.00
Iron			16200	1.00	6230	1.00
Lead			11.1	1.00	4.61	1.00
Magnesium			2360	2.00	794	2.00
Manganese			218	1.00	189	1.00
Nickel			14.2	1.00	9.75	1.00
Potassium			486	3.00	358	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			46.6	5.00	20.7	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			30.3	2.00	6.93	2.00
Zinc			29.8	2.00	13.7	2.00
Mercury	SW846-7471	mg/kg	Not detected	0.10	Not detected	0.10

YORK

Client Sample ID			SP-6 (0-2')		SP-6 (14-17')	
York Sample ID			08050827-11		08050827-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-6 (0-2')		SP-6 (14-17')	
York Sample ID			08050827-11		08050827-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-6 (0-2')		SP-6 (14-17')	
York Sample ID			08050827-11		08050827-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			Not detected	165	Not detected	165
Benzo(a)pyrene			Not detected	165	Not detected	165
Benzo(b)fluoranthene			Not detected	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			Not detected	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017

YORK

Client Sample ID			SP-6 (0-2')		SP-6 (14-17')	
York Sample ID			08050827-11		08050827-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			6560	1.00	3900	1.00
Antimony			1.59	1.00	1.38	1.00
Arsenic			2.14	1.00	1.99	1.00
Barium			41.0	1.00	31.2	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			3690	2.00	635	2.00
Chromium			12.5	0.500	13.9	0.500
Cobalt			8.67	1.00	5.31	1.00
Copper			26.4	1.00	14.0	1.00
Iron			15700	1.00	11300	1.00
Lead			11.4	1.00	4.08	1.00
Magnesium			2290	2.00	1260	2.00
Manganese			510	1.00	305	1.00
Nickel			15.1	1.00	14.4	1.00
Potassium			542	3.00	410	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			79.0	5.00	61.3	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			22.0	2.00	17.7	2.00
Zinc			31.8	2.00	21.9	2.00
Mercury	SW846-7471	mg/kg	Not detected	0.10	Not detected	0.10

Client Sample ID			SP-9 (0-2')		SP-9 (15-17')	
York Sample ID			08050827-17		08050827-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0

YORK

Client Sample ID			SP-9 (0-2')		SP-9 (15-17')	
York Sample ID			08050827-17		08050827-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-9 (0-2')		SP-9 (15-17')	
York Sample ID			08050827-17		08050827-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			Not detected	165	Not detected	165
Benzo(a)pyrene			Not detected	165	Not detected	165
Benzo(b)fluoranthene			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-9 (0-2')		SP-9 (15-17')	
York Sample ID			08050827-17		08050827-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			Not detected	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			6280	1.00	6900	1.00
Antimony			1.36	1.00	1.71	1.00
Arsenic			2.10	1.00	2.36	1.00
Barium			57.7	1.00	79.1	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			1430	2.00	18900	2.00
Chromium			15.7	0.500	34.6	0.500
Cobalt			7.50	1.00	7.30	1.00
Copper			23.9	1.00	28.4	1.00

YORK

Client Sample ID			SP-9 (0-2')		SP-9 (15-17')	
York Sample ID			08050827-17		08050827-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Iron			14600	1.00	15000	1.00
Lead			5.80	1.00	9.76	1.00
Magnesium			2170	2.00	3210	2.00
Manganese			652	1.00	561	1.00
Nickel			18.3	1.00	19.4	1.00
Potassium			929	3.00	1040	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			100	5.00	265	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			20.2	2.00	24.0	2.00
Zinc			29.7	2.00	30.5	2.00
Mercury	SW846-7471	mg/kg	Not detected	0.10	Not detected	0.10

Client Sample ID			SP-10 (0-2')		SP-10 (14-16')	
York Sample ID			08050827-19		08050827-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-10 (0-2')		SP-10 (14-16')	
York Sample ID			08050827-19		08050827-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-10 (0-2')		SP-10 (14-16')	
York Sample ID			08050827-19		08050827-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			Not detected	165	Not detected	165
Benzo(a)pyrene			Not detected	165	Not detected	165
Benzo(b)fluoranthene			Not detected	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			Not detected	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-10 (0-2')		SP-10 (14-16')	
York Sample ID			08050827-19		08050827-20	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			0.052	0.017	0.049	0.017
PCB 1260			Not detected	0.017	0.020	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			8690	1.00	7100	1.00
Antimony			1.58	1.00	1.22	1.00
Arsenic			5.19	1.00	2.81	1.00
Barium			67.4	1.00	57.9	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			0.60	0.500	Not detected	0.500
Calcium			13700	2.00	4910	2.00
Chromium			17.9	0.500	16.7	0.500
Cobalt			7.56	1.00	6.01	1.00
Copper			42.2	1.00	35.5	1.00
Iron			19400	1.00	14100	1.00
Lead			73.3	1.00	17.9	1.00
Magnesium			2680	2.00	2060	2.00
Manganese			352	1.00	323	1.00
Nickel			16.4	1.00	14.4	1.00
Potassium			605	3.00	663	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			156	5.00	168	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			27.6	2.00	22.4	2.00
Zinc			117	2.00	64.0	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

YORK

Client Sample ID			SP-11 (0-2')		SP-11 (15-17')	
York Sample ID			08050827-21		08050827-22	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-11 (0-2')		SP-11 (15-17')	
York Sample ID			08050827-21		08050827-22	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-11 (0-2')		SP-11 (15-17')	
York Sample ID			08050827-21		08050827-22	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			210	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			200	165	Not detected	165
Benzo(a)pyrene			310	165	Not detected	165
Benzo(b)fluoranthene			380	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			340	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			210	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			400	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			250	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			320	165	Not detected	165
Pyridine			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-11 (0-2')		SP-11 (15-17')	
York Sample ID			08050827-21		08050827-22	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			7500	1.00	6820	1.00
Antimony			1.44	1.00	1.15	1.00
Arsenic			3.95	1.00	2.36	1.00
Barium			36.9	1.00	43.0	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			8010	2.00	6140	2.00
Chromium			14.9	0.500	26.2	0.500
Cobalt			7.22	1.00	6.52	1.00
Copper			26.4	1.00	29.4	1.00
Iron			13000	1.00	14100	1.00
Lead			12.9	1.00	6.47	1.00
Magnesium			2830	2.00	2940	2.00
Manganese			239	1.00	288	1.00
Nickel			15.4	1.00	17.3	1.00
Potassium			636	3.00	689	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			151	5.00	302	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			25.8	2.00	22.3	2.00
Zinc			32.2	2.00	26.4	2.00
Mercury	SW846-7471	mg/kg	Not detected	0.10	Not detected	0.10

Client Sample ID			SP-12 (0-2')		SP-12 (14-16')	
York Sample ID			08050827-23		08050827-24	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0

YORK

Client Sample ID			SP-12 (0-2')		SP-12 (14-16')	
York Sample ID			08050827-23		08050827-24	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-12 (0-2')		SP-12 (14-16')	
York Sample ID			08050827-23		08050827-24	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			210	165	Not detected	165
Benzidine			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-12 (0-2')		SP-12 (14-16')	
York Sample ID			08050827-23		08050827-24	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(a)anthracene			Not detected	165	Not detected	165
Benzo(a)pyrene			400	165	Not detected	165
Benzo(b)fluoranthene			450	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			420	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			270	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			450	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			250	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			370	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			0.029	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			8990	1.00	4230	1.00
Antimony			1.49	1.00	1.54	1.00
Arsenic			6.18	1.00	3.10	1.00
Barium			80.3	1.00	36.8	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			18600	2.00	559	2.00

YORK

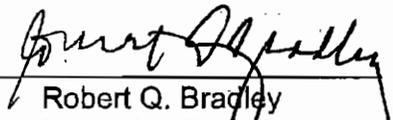
Client Sample ID			SP-12 (0-2')		SP-12 (14-16')	
York Sample ID			08050827-23		08050827-24	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Chromium			17.6	0.500	21.3	0.500
Cobalt			7.63	1.00	11.7	1.00
Copper			31.8	1.00	25.1	1.00
Iron			15300	1.00	20700	1.00
Lead			94.1	1.00	4.70	1.00
Magnesium			3130	2.00	1310	2.00
Manganese			300	1.00	386	1.00
Nickel			18.7	1.00	16.9	1.00
Potassium			597	3.00	350	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			125	5.00	14.1	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			26.3	2.00	54.3	2.00
Zinc			87.9	2.00	24.1	2.00
Mercury	SW846-7471	mg/kg	Not detected	0.10	Not detected	0.10

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb.

Notes for York Project No. 08050827

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted in net method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:


 Robert Q. Bradley
 Managing Director

Date: 5/30/2008

YORK

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06515
 TEL (203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

08050827

Company Name <u>Synchro Tech</u>		Report To: <u>Yash</u>	Invoice To: <u>Newline</u>	Project ID/No. <u>178-02 Hillside</u> <u>PO: 2830</u>	Samples Collected By (Signature) <u>YASH SARA</u>		Name (Printed) <u>Yash Sara</u>	
Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
1	SP-1 (0-2')	5/22		X				E designation 8g (2)
2	SP-4 (14-16')			X				
3	SP-2 (0-2')			X				
4	SP-2 (14-17')			X				
5	SP-3 (0-2')	5/22		X				
6	SP-3 (14-16')	5/22		X				
7	SP-4 (0-2')	5/22		X				
8	SP-4 (12-15 1/2')			X				
9	SP-5 (0-2')			X				
10	SP-5 (14-16')			X				

Chain-of-Custody Record		Yash Sara 5/28 9:53 AM / Burned portion		5-28-05
Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Date/Time
		Yash Sara	5/28 9:53 AM	9:55 AM
Bottles Received in Field by	Date/Time	Sample Received in LAB by	Date/Time	Date/Time
		Yash Sara	5-28-08/1700	3:97
Comments/Special Instructions		Turn-Around Time		
8260, 8270, 8081/8082, TAL Metals		Standard		X RUSH(define) 48

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
 TEL (203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page of

08050827

Company Name HydroTech	Report To: Yash Saha	Invoice To: Muslima	Project ID/No. 178-02 Hillside Ave PO: 2830	Samples Collected By (Signature) YASH SAHA	Name (Printed) Yash Saha
----------------------------------	--------------------------------	-------------------------------	--	--	------------------------------------

Sample No.	Location/ID	Date Sampled	Sample Matrix			ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air		
11	SP-6 (0-2')	5/23		X			8oz (2)
12	SP-6 (14-17)	5/23		X			
13	SP-7 (0-2')	-		X			
14	SP-7 (14-17)	-		X			
15	SP-8 (0-2')	-		X			
16	SP-8 (14-17)	-		X			
17	SP-9 (0-2')	5/23		X			
18	SP-9 (15-17')	↓		X			
19	SP-10 (0-2')	5/23		X			
20	SP-10 (14-16')	↓		X			

Chain-of-Custody Record	Sample Relinquished by Yash Saha 5/23 9:53AM	Sample Received by H. Bernard / Norton 5-28-05 9:55AM
Bottles Relinquished from Lab by	Date/Time	Date/Time
Bottles Received in Field by	Date/Time	Date/Time
Comments/Special Instructions 8260, 8270, 8081/8082, TAL Metals	Sample Relinquished in LAB by J. Saha 5-28-05 17:00	Sample Received in LAB by 3.9°C 5-28-05 17:00
	Turn-Around Time	Standard <input checked="" type="checkbox"/> RUSH (define) <u>48</u>

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Hydro Tech Environmental
1111 Fulton Street, 2nd Floor
Brooklyn, NY 11238
Attention: Timothy Lo

Report Date: 6/2/2008
Re: Client Project ID: 178-02 Hillside Ave.
York Project No.: 08050862

CT License No. PH-0723

New Jersey License No. CT-005

New York License No. 10854



Report Date: 6/2/2008
 Client Project ID: 178-02 Hillside Av
 York Project No.: 08050862

Hydro Tech Environmental
 1111 Fulton Street, 2nd Floor
 Brooklyn, NY 11238
 Attention: Timothy Lo

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/29/08. The project was identified as your project "178-02 Hillside Av".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			SP-7 (10'-12')		SP-7 (14'-17')	
York Sample ID			08050862-01		08050862-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00

YORK

Client Sample ID			SP-7 (10'-12')		SP-7 (14'-17')	
York Sample ID			08050862-01		08050862-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			18.5	8.00	19.4	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-7 (10'-12')		SP-7 (14'-17')	
York Sample ID			08050862-01		08050862-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			Not detected	165	Not detected	165
Benzo(a)pyrene			Not detected	165	Not detected	165
Benzo(b)fluoranthene			Not detected	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-7 (10'-12')		SP-7 (14'-17')	
York Sample ID			08050862-01		08050862-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			6810	1.00	9140	1.00
Antimony			Not detected	1.00	1.38	1.00
Arsenic			1.98	1.00	2.48	1.00
Barium			62.4	1.00	147	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			16100	2.00	2130	2.00
Chromium			18.9	0.500	15.5	0.500
Cobalt			7.55	1.00	8.70	1.00
Copper			29.8	1.00	37.6	1.00
Iron			15100	1.00	15600	1.00
Lead			19.9	1.00	2.76	1.00

YORK

Client Sample ID			SP-7 (10'-12')		SP-7 (14'-17')	
York Sample ID			08050862-01		08050862-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Magnesium			3690	2.00	4660	2.00
Manganese			307	1.00	222	1.00
Nickel			25.1	1.00	10.9	1.00
Potassium			1180	3.00	2730	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			160	5.00	98.2	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			25.1	2.00	26.0	2.00
Zinc			35.6	2.00	39.4	2.00
Mercury	SW846-7471	mg/kg	Not detected	0.10	Not detected	0.10

Client Sample ID			SP-8 (10'-12')		SP-8 (14'-17')	
York Sample ID			08050862-03		08050862-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane, Total			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00
Heptachlor epoxide			18.5	8.00	19.7	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10

YORK

Client Sample ID			SP-8 (10'-12')		SP-8 (14'-17')	
York Sample ID			08050862-03		08050862-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-8 (10'-12')		SP-8 (14'-17')	
York Sample ID			08050862-03		08050862-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			Not detected	165	Not detected	165
Benzo(a)pyrene			Not detected	165	Not detected	165
Benzo(b)fluoranthene			Not detected	165	Not detected	165
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			Not detected	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165

YORK

Client Sample ID			SP-8 (10'-12')		SP-8 (14'-17')	
York Sample ID			08050862-03		08050862-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			5500	1.00	6180	1.00
Antimony			Not detected	1.00	Not detected	1.00
Arsenic			2.84	1.00	2.34	1.00
Barium			35.2	1.00	41.8	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			1130	2.00	9260	2.00
Chromium			19.6	0.500	37.8	0.500
Cobalt			8.63	1.00	6.37	1.00
Copper			24.8	1.00	24.5	1.00
Iron			18500	1.00	15900	1.00
Lead			4.56	1.00	4.21	1.00
Magnesium			1720	2.00	2520	2.00
Manganese			441	1.00	334	1.00
Nickel			15.1	1.00	17.0	1.00
Potassium			7470	3.00	1030	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			92.0	5.00	174	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			37.5	2.00	27.1	2.00
Zinc			30.1	2.00	58.7	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

YORK

Client Sample ID			GP-4		GP-1	
York Sample ID			08050862-05		08050862-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides, 8081 List	SW846-3510C/8081	ug/L	---	---	---	---
4,4'-DDD			Not detected	0.0504	Not detected	0.137
4,4'-DDE			Not detected	0.0504	Not detected	0.137
4,4'-DDT			Not detected	0.0504	Not detected	0.137
Aldrin			Not detected	0.0252	Not detected	0.0686
alpha-BHC			Not detected	0.0252	Not detected	0.0686
beta-BHC			Not detected	0.0252	Not detected	0.0686
Chlordane			Not detected	0.105	Not detected	0.286
delta-BHC			Not detected	0.0252	Not detected	0.0686
Dieldrin			Not detected	0.0105	Not detected	0.0286
Endosulfan I			Not detected	0.0252	Not detected	0.0686
Endosulfan II			Not detected	0.0504	Not detected	0.137
Endosulfan sulfate			Not detected	0.0504	Not detected	0.137
Endrin			Not detected	0.0504	Not detected	0.137
Endrin aldehyde			Not detected	0.0504	Not detected	0.137
gamma-BHC (Lindane)			Not detected	0.0252	Not detected	0.0686
Heptachlor			Not detected	0.0252	Not detected	0.0686
Heptachlor epoxide			Not detected	0.0252	Not detected	0.0686
Methoxychlor			Not detected	0.252	Not detected	0.686
Toxaphene			Not detected	1.05	Not detected	2.86
Volatiles, 8260 List	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0		
1,1,1-Trichloroethane			Not detected	5.0		
1,1,2,2-Tetrachloroethane			Not detected	5.0		
1,1,2-Trichloroethane			Not detected	5.0		
1,1-Dichloroethane			Not detected	5.0		
1,1-Dichloroethylene			Not detected	5.0		
1,1-Dichloropropylene			Not detected	5.0		
1,2,3-Trichlorobenzene			Not detected	5.0		
1,2,3-Trichloropropane			Not detected	5.0		
1,2,4-Trichlorobenzene			Not detected	5.0		
1,2,4-Trimethylbenzene			Not detected	5.0		
1,2-Dibromo-3-chloropropane			Not detected	5.0		
1,2-Dibromoethane			Not detected	5.0		
1,2-Dichlorobenzene			Not detected	5.0		
1,2-Dichloroethane			Not detected	5.0		
1,2-Dichloroethylene (Total)			Not detected	5.0		
1,2-Dichloropropane			Not detected	5.0		
1,3,5-Trimethylbenzene			Not detected	5.0		
1,3-Dichlorobenzene			Not detected	5.0		
1,3-Dichloropropane			Not detected	5.0		
1,4-Dichlorobenzene			Not detected	5.0		
2,2-Dichloropropane			Not detected	5.0		
2-Chlorotoluene			Not detected	5.0		
4-Chlorotoluene			Not detected	5.0		
Benzene			Not detected	5.0		
Bromobenzene			Not detected	5.0		
Bromochloromethane			Not detected	5.0		
Bromodichloromethane			Not detected	5.0		
Bromoform			Not detected	5.0		
Bromomethane			Not detected	5.0		

YORK

Client Sample ID			GP-4		GP-1	
York Sample ID			08050862-05		08050862-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	5.0		
Chlorobenzene			Not detected	5.0		
Chloroethane			Not detected	5.0		
Chloroform			6	5.0		
Chloromethane			Not detected	5.0		
cis-1,3-Dichloropropylene			Not detected	5.0		
Dibromochloromethane			Not detected	5.0		
Dibromomethane			Not detected	5.0		
Dichlorodifluoromethane			Not detected	5.0		
Ethylbenzene			Not detected	5.0		
Hexachlorobutadiene			Not detected	5.0		
Isopropylbenzene			Not detected	5.0		
Methylene chloride			Not detected	5.0		
MTBE			Not detected	5.0		
Naphthalene			Not detected	5.0		
n-Butylbenzene			Not detected	5.0		
n-Propylbenzene			Not detected	5.0		
o-Xylene			Not detected	5.0		
p- & m-Xylenes			Not detected	5.0		
p-Isopropyltoluene			Not detected	5.0		
sec-Butylbenzene			Not detected	5.0		
Styrene			Not detected	5.0		
tert-Butylbenzene			Not detected	5.0		
Tetrachloroethylene			Not detected	5.0		
Toluene			Not detected	5.0		
trans-1,3-Dichloropropylene			Not detected	5.0		
Trichloroethylene			Not detected	5.0		
Trichlorofluoromethane			Not detected	5.0		
Vinyl chloride			Not detected	5.0		
BNA, 8270 List	SW846-8270	ug/L	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	5.4	Not detected	14
1,2-Dichlorobenzene			Not detected	5.4	Not detected	14
1,3-Dichlorobenzene			Not detected	5.4	Not detected	14
1,4-Dichlorobenzene			Not detected	5.4	Not detected	14
2,4,5-Trichlorophenol			Not detected	5.4	Not detected	14
2,4,6-Trichlorophenol			Not detected	5.4	Not detected	14
2,4-Dichlorophenol			Not detected	5.4	Not detected	14
2,4-Dimethylphenol			Not detected	5.4	Not detected	14
2,4-Dinitrophenol			Not detected	5.4	Not detected	14
2,4-Dinitrotoluene			Not detected	5.4	Not detected	14
2,6-Dinitrotoluene			Not detected	5.4	Not detected	14
2-Chloronaphthalene			Not detected	5.4	Not detected	14
2-Chlorophenol			Not detected	5.4	Not detected	14
2-Methylnaphthalene			Not detected	5.4	Not detected	14
2-Methylphenol			Not detected	5.4	Not detected	14
2-Nitroaniline			Not detected	5.4	Not detected	14
2-Nitrophenol			Not detected	5.4	Not detected	14
3,3'-Dichlorobenzidine			Not detected	5.4	Not detected	14
3-Methylphenol			Not detected	5.4	Not detected	14
3-Nitroaniline			Not detected	5.4	Not detected	14
4,6-Dinitro-2-methylphenol			Not detected	5.4	Not detected	14

YORK

Client Sample ID			GP-4		GP-1	
York Sample ID			08050862-05		08050862-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
4-Bromophenyl phenyl ether			Not detected	5.4	Not detected	14
4-Chloro-3-methyl phenol			Not detected	5.4	Not detected	14
4-Chloroaniline			Not detected	5.4	Not detected	14
4-Chlorophenyl phenyl ether			Not detected	5.4	Not detected	14
4-Methylphenol			Not detected	5.4	Not detected	14
4-Nitroaniline			Not detected	5.4	Not detected	14
4-Nitrophenol			Not detected	5.4	Not detected	14
Acenaphthene			Not detected	5.4	Not detected	14
Acenaphthylene			Not detected	5.4	Not detected	14
Aniline			Not detected	5.4	Not detected	14
Anthracene			Not detected	5.4	Not detected	14
Benzidine			Not detected	5.4	Not detected	14
Benzo(a)anthracene			Not detected	5.4	Not detected	14
Benzo(a)pyrene			Not detected	5.4	Not detected	14
Benzo(b)fluoranthene			Not detected	5.4	Not detected	14
Benzo(g,h,i)perylene			Not detected	5.4	Not detected	14
Benzo(k)fluoranthene			Not detected	5.4	Not detected	14
Benzyl alcohol			Not detected	5.4	Not detected	14
Bis(2-chloroethoxy)methane			Not detected	5.4	Not detected	14
Bis(2-chloroethyl)ether			Not detected	5.4	Not detected	14
Bis(2-chloroisopropyl)ether			Not detected	5.4	Not detected	14
Bis(2-ethylhexyl)phthalate			Not detected	5.4	Not detected	14
Butyl benzyl phthalate			Not detected	5.4	Not detected	14
Chrysene			Not detected	5.4	Not detected	14
Dibenz(a,h)anthracene			Not detected	5.4	Not detected	14
Dibenzofuran			Not detected	5.4	Not detected	14
Diethylphthalate			Not detected	5.4	Not detected	14
Dimethylphthalate			Not detected	5.4	Not detected	14
Di-n-butylphthalate			Not detected	5.4	Not detected	14
Di-n-octylphthalate			Not detected	5.4	Not detected	14
Fluoranthene			Not detected	5.4	Not detected	14
Fluorene			Not detected	5.4	Not detected	14
Hexachlorobenzene			Not detected	5.4	Not detected	14
Hexachlorobutadiene			Not detected	5.4	Not detected	14
Hexachlorocyclopentadiene			Not detected	5.4	Not detected	14
Hexachloroethane			Not detected	5.4	Not detected	14
Indeno(1,2,3-cd)pyrene			Not detected	5.4	Not detected	14
Isophorone			Not detected	5.4	Not detected	14
Naphthalene			Not detected	5.4	Not detected	14
Nitrobenzene			Not detected	5.4	Not detected	14
N-Nitrosodi-n-propylamine			Not detected	5.4	Not detected	14
N-Nitrosodiphenylamine			Not detected	5.4	Not detected	14
Pentachlorophenol			Not detected	5.4	Not detected	14
Phenanthrene			Not detected	5.4	Not detected	14
Phenol			Not detected	5.4	Not detected	14
Pyrene			Not detected	5.4	Not detected	14
Pyridine			Not detected	5.4	Not detected	14
PCB	SW846-3510C/8082	ug/L	---	---	---	---
PCB 1016			Not detected	0.52	Not detected	1.4
PCB 1221			Not detected	0.52	Not detected	1.4
PCB 1232			Not detected	0.52	Not detected	1.4

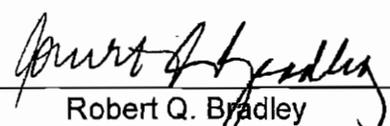
YORK

Client Sample ID			GP-4		GP-1	
York Sample ID			08050862-05		08050862-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
PCB 1242			Not detected	0.52	Not detected	1.4
PCB 1248			Not detected	0.52	Not detected	1.4
PCB 1254			Not detected	0.52	Not detected	1.4
PCB 1260			Not detected	0.52	Not detected	1.4
PCB, Total			Not detected	0.52	Not detected	1.4
Metals, Target Analyte List (TAL)	SW846-6010	ug/L	---	---	---	---
Aluminum			7160	5.0	54100	5.0
Antimony			10.7	5.0	114	5.0
Arsenic			74.9	10.0	22.9	10.0
Barium			328	10.0	1260	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	19.9	3.0
Calcium			62100	20.0	155000	20.0
Chromium			447	5.0	5010	5.0
Cobalt			79.0	5.0	Not detected	5.0
Copper			2180	5.0	5470	5.0
Iron			75900	5.0	552000	5.0
Lead			70.8	3.0	217	3.0
Magnesium			21700	10.0	41000	10.0
Manganese			4460	5.0	14700	5.0
Nickel			1280	5.0	3700	5.0
Potassium			7840	30.0	39600	30.0
Selenium			Not detected	10.0	Not detected	10.0
Silver			6.8	5.0	85.4	5.0
Sodium			163000	50.0	159000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			13.7	10.0	117	10.0
Zinc			52400	20.0	80100	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002	0.0003	0.0002

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 08050862

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: 
 Robert Q. Bradley
 Managing Director

Date: 6/2/2008

YORK

YORK

ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0156

Page of

Field Chain-of-Custody Record

08050862

Company Name Hydro Tech Env. Corp.	Report To: Timothy Lo Hlo@hydrotechenvironmental.com 1-718-636-0800	Invoice To: Muslima	Project ID/No. 178-02 Hillside Avenue P.O. # 2830	Samples Collected By (Signature) <i>Timothy Lo</i>	Name (Printed) Timothy Lo
--	---	-------------------------------	--	--	-------------------------------------

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
1	SP-7 (10'-12')	5/28		X			EPA Method 8260, EPA Method 8270, Pesticides & PCBs EPA Method 8081/8082, TAL Metals	402, 802
2	SP-7 (14'-17')	5/28		X				402, 802
3	SP-8 (10'-12')	5/28		X				402, 802
4	SP-8 (14'-17')	5/28		X				402, 802
5	GP-4	5/27	X					1000 mL, 1000 mL, 40 mL vial, 40 mL vial
6	GP-4	5/27	X					500 mL, 250 mL
7	GP-1	5/28	X					1000 mL

Chain-of-Custody Record	Sample Relinquished by 	Date/Time 5/29/08 2:00 PM	Sample Received by <i>H. Bernard Norton</i>	Date/Time 5-29-08 2:55 PM
Bottles Relinquished from Lab by	Date/Time	Bottles Received in Field by	Date/Time	Sample Received in LAB by
Comments/Special Instructions "E" designation site. Please contact Yash or Tim if sample GP-1 3.9°C. 15 too little for testing. <input checked="" type="checkbox"/> Standard <input type="checkbox"/> RUSH(define) 48 hrs				



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 345
Commack, New York 11725
T (631) 462-5866 • F (631) 462-5877

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 • F (718) 636-0900

www.hydrotechenvironmental.com

REMEDIAL ACTION PLAN & CONSTRUCTION HEALTH AND SAFETY PLAN

178-02/20/36 Hillside Avenue, Queens, NY
E-175: Block 9913; Lot 25, 35, and 41
DEP# 08DEPTECH280Q / CEQR # 05DCP018Q

Prepared For: Mr. Gary Heath
New York City Department of Environmental Protection
Office of Environmental Planning & Assessment
59-17 Junction Boulevard
Flushing, New York 11373-5108

Prepared By: Hydro Tech Environmental Corp.
2171 Jericho Turnpike, Suite 345
Commack, New York 11725

Project Engineer: Timothy Lo

Prepared On: June 6, 2008

Hydro Tech Job No. 080026

**REMEDIAL ACTION PLAN &
CONSTRUCTION HEALTH AND SAFETY PLAN**

**178-02/20/36 Hillside Avenue, Queens, NY
E-175: Block 9913; Lot 25, 35, and 41
DEP# 08DEPTECH280Q / CEQR # 05DCP018Q**

June 6, 2008

Hydro Tech Environmental Corp. has prepared this Remedial Action Plan and Construction Health and Safety Plan for the property located at 178-02/20/36 Hillside Avenue, Queens, New York.

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

Very Truly Yours,
Hydro Tech Environmental, Corp.

X Timothy Lo (mw)
Timothy Lo
Project Geologist

X Yash Saha (mw)
Yash Saha
Senior Chemical Engineer

X Rachel Ataman
Rachel Ataman
V.P. Technical Services

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

TABLE OF CONTENTS

	<u>Page Number</u>
1.0 Introduction	1
2.0 Scope of Work	2
2.1 RAP Implementation Schedule	2
2.2 Proposed Building Description	2
2.3 Soil Excavation.....	2
2.4 Vapor Mitigation Efforts.....	3
2.5 Clean Fill.....	3
2.6 Other considerations	3
3.0 Health & Safety Plan	5
4.0 Staffing	6
5.0 Chemical & Waste Description/Characterization	7
6.0 Hazard Assessment and Mitigation	8
7.0 Training	9
8.0 Medical Surveillance	9
9.0 Site Control, PPE & Communications	10
10.0 Air Monitoring Plan	12
11.0 Safety Considerations	13
12.0 Decontamination and Disposal Procedures	15
13.0 Emergency Plan	17
14.0 Sanitation	20

Figures

1. Directions to Hospital

Appendices

- A. Specifications of the Vapor Barrier

1.0 INTRODUCTION

This Remedial Action Plan (RAP) and Construction Health & Safety Plan (Construction HASP) has been prepared by Hydro Tech Environmental, Corp. (Hydro Tech) for the property located at **718-02/20/36 Hillside Avenue in Queens, New York**. The property will hereafter be referred to as the "Site". The RAP and Construction HASP will conform to applicable regulations, safe work practices and the project's requirements, and addresses those activities associated with the construction of a multi-story apartment building at the Site. The RAP has been requested by and is intended for review by the NYCDEP.

This RAP & Construction HASP has been prepared to satisfy the requirements set forth by the New York City Department of Environmental Protection as indicated in prior communications. The Lot identified as 178-02/20/36 Hillside Avenue, Queens, New York is designated with CEQR **#05DCP018Q** and NYCDEP Tracking # **08DEPTECH280Q**.

The Hydro Tech Project Manager (PM), Site Safety Officer (SSO) and field staff (when necessary) will implement the Plan during construction. Compliance with this Construction HASP is required of all persons and third parties who perform the scope of work documented for this project. Assistance in implementing this HASP can be obtained from the SSO. The content of this HASP may change or undergo revision based upon additional information that is made available to health and safety personnel, monitoring results or changes in the technical scope of work.

It should be noted that this Construction HASP does not apply to any other scopes of work that may be performed at the Site that are not specifically outlined in this report. Through preparation of this Construction HASP, Hydro Tech and all Subcontractors (if any) do not guarantee the health or safety of any person entering this Site. Due to the nature of this Site and the activities occurring there on, it is not possible to discover, evaluate and provide protection for all possible hazards that may be encountered. Only those portions of this Construction HASP that specifically apply to the activities at the Site will be enacted by authorized personnel of Hydro Tech. Strict adherence to the applicable portions of these health and safety guidelines set forth herein will reduce, but not eliminate the potential for injury at this Site. The health and safety guidelines in this Construction HASP were prepared specifically for this Site and should not be utilized for any other site without prior research and evaluation by trained health and safety specialists and approval by Hydro Tech.

2.0 SCOPE OF WORK

This RAP and Construction HASP has been prepared to document the proposed remediation to be implemented during the upcoming development of the Site. Prior environmental assessments identified Semi-Volatile Organic Compounds (SVOCs), specifically classified as Poly Aromatic Hydrocarbons (PAHs), were detected in the shallow depth soil samples from the western and southern portion of Lot 25 and the western and southern portions of Lot 41.

2.1 RAP Implementation Schedule

The portions of the construction activities specifically addressed in this Construction HASP will include the following and will be performed in the following sequence:

- Supervision of the soil excavation and installation of concrete foundations (§ 2.3)
- Supervision of the installation of a 10-mil vapor barrier beneath the concrete foundations (§ 2.4)

Prior to any fieldwork, the New York City One-Call Unit will be contacted so that all public utilities can be marked out. The proposed schedule of fieldwork will be coordinated with both the client and the NYCDEP.

2.2 Proposed Building Description

The proposed project will involve the development of a 2-story commercial building with two levels of underground parking. The footprint of the building will be approximately 125,595 square foot in area. The proposed depth of excavation will be approximately 22-25 feet below grade. The proposed building will be present over the three (3) lots.

2.3 Soil Excavation

The soil excavation will be coordinated and performed by the property owner. A Hydro Tech geologist will be onsite during all excavation activities to supervise the excavation, document the field work and provide progress report(s).

All soil that is excavated will be visually examined by a Hydro Tech Geologist for the presence of visual/olfactory evidence of contamination. Additionally, select soil samples will be screened for the presence of organic vapors utilizing a Photoionization Detector (PID). A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors. A PID does not respond to all compounds similarly, rather, each compound has its own response factor relative to its calibration. For this investigation, the PID will be calibrated to the compound isobutylene, which is published by the manufacturer. The PID has a minimum detection limit of 0.1 parts per million (ppm). This meter measures the hydrocarbon concentrations in isolated portions of the secured samples.

If the Hydro Tech Geologist determines that elevated levels of organic vapors are present or if visual/olfactory evidence of petroleum is identified, the soil will be considered contaminated. The contaminated soil will then be excavated until clean soil is encountered. All contaminated soil will be segregated onsite for later disposal at a licensed waste disposal facility. Based upon our Site Investigation Report, it is anticipated approximately 150 yards of PAH contaminated fill material will be identified at the Site and will require special disposal. A certified facility will be utilized to dispose of the contaminated fill material. Additionally, the fill material will be transported under proper licenses.

If petroleum contaminated soil is identified, then endpoint soil samples will be obtained from the bottom and sidewalls of the soil excavation. All field sampling will be performed in accordance with draft DER-10. General requirements mandate sidewall sampling for every thirty feet of each side and bottom sampling for every nine hundred feet of bottom. Final volumes for all waste(s) or soil that is disposed will be provided in the form of waste manifests. All waste manifests, transportation tickets, and facility recycling/disposal certificates will be provided to the NYCDEP as part of a P.E certified Remedial Closure Report.

Hydro Tech will then supervise and photo document the supervision of all concrete foundations.

2.4 Vapor Mitigation Efforts

Sub-slab depressurization system (SSD)

Typically, sub-slab depressurization (SSD) systems are installed to mitigate soil vapor intrusion, which is the process of contaminants volatilizing from the soil or groundwater, migrating upwards through the vadose zone and entering buildings. This process can negatively affect the indoor air quality of a building. However, no levels of VOCs were identified in the shallow and deep soil and no levels of VOCs or SVOCs were detected in the groundwater at the Site. Therefore, based on this information, Hydro Tech recommends that an SSD system not be required at this Site.

Vapor Barrier

In order to satisfy the E designation requirements of the NYCDEP, an appropriate Vapor Barrier will be installed beneath all foundations/slabs at the property to sustain long-term exposure to SVOCs and metals. A 10-mil vapor retarder (manufacturer's spec sheets for vapor retarder attached) will be installed underneath the foundation of the building over an aggregate, sand or tamped earth base. All seams and penetrations will be sealed by a minimum of 6" liner and tape as per manufacturer's specifications. The 9-mil Stego tape is a low permeance high density polyethylene film designed for protective sealing and to bond specifically to the vapor retarder (manufacturer's spec sheets for geotextile attached in **Appendix A**).

2.5 Clean Fill

The Site is approximately 6,000 square feet in area with a proposed foundation footprint of 3,250 square feet in area. Therefore, the undeveloped portion of the Site is approximately 2,750 square feet in area. Two (2) feet of certified clean fill material will be placed at any portion(s) of the Site that will consist of landscaped/grass areas. The fill will be imported from an approved facility/source. Hydro Tech will collect one (1) sample of the fill material for every 250 cubic yards of material. Each sample will be analyzed for Target Compound List (TCL) VOCs, SVOCs, Pesticides/PCBs and Target Analyte List Metals by an ELAP-certified laboratory. Written approval of the fill material will be garnered from the NYCDEP prior to its use. The clean fill material shall not contain any Construction/Demolition material.

2.6 Other Considerations

- When necessary, Hydro Tech personnel will take measures to suppress the generation of dust. See Sections 6.0 and 11.0 for further details pertaining to dust mitigation measures.
- Any hazardous materials such as asbestos containing material (ACM), PCBs, mercury, lead-based paint (LBP), etc., identified at the Site will be properly removed, handled/managed, and disposed of in accordance with all applicable Federal, State and Local regulations.
- Any excavated soil that is temporarily stockpiled on site will be placed on and covered with polyethylene sheeting.
- No de-watering and discharge to the NYC storm/sewer system is anticipated during construction. However, if de-watering is needed, a NYCDEP Sewer Discharge Permit will be obtained prior to the start of the de-watering activities.
- Upon completion of all NYCDEP requested remedial requirements, a P.E. certified Remedial Closure Report will be submitted to the NYCDEP. This report will demonstrate that all remedial activities have been properly implemented. At a minimum, the report will include all transportation manifests, soil disposal/recycling certificates, proof of importing and grading certified clean fill/top soil for all landscaped areas as well as all pre-approved soil analytical testing results for the imported fill/top soil, proof of vapor barrier installation and passive sub-

depressurization system beneath all slabs (including photographs), etc. Once the P.E. certified Remedial Closure Report is received/approved by the NYCDEP, a Notice of Satisfaction letter would be forwarded to the NYC Department of Buildings.

- Two (2) feet of certified clean fill material will be placed at any portion(s) of the Site that will consist of landscaped/grass areas. The fill will be imported from an approved facility/source. Hydro Tech will collect one (1) sample of the fill material for every 250 cubic yards of material. Each sample will be analyzed for Target Compound List (TCL) VOCs, SVOCs, Pesticides/PCBs and Target Analyte List Metals by an ELAP-certified laboratory. Written approval of the fill material will be garnered from the NYCDEP prior to its use. The clean fill material shall not contain any Construction/Demolition material.

3.0 CONSTRUCTION HEALTH AND SAFETY PLAN

The Construction HASP specifically addresses the performance of the following task(s):

- Direct supervision of the excavation of contaminated soil located throughout the Site
- Supervision of the installation of a vapor barrier
- The installation of concrete foundations

EMERGENCY NUMBERS

	Phone Number
The Brooklyn Hospital Center	718-349-8500
New York City EMS	911
NYPD	911
NYFD	911
NYSDEC Spill Hotline	800-547-7362
National Response Center	800-424-8802
Poison Information Center	800-562-8816
Chemtree	800-424-9555

Project Management/Health and Safety Personnel

<u>Title</u>	<u>Contact</u>	<u>Phone Number</u>	<u>Cell Phone</u>
Senior Geologist	Rachel Ataman	(718) 636-0800	(631) 457-0032
Site Safety Officer	Jessica Proscia	(631) 462-5866	(631) 457-0523
Project Engineer	Timothy Lo	(718) 636-0800	(347) 449-1889

*Directions to Queens Hospital Center (see attached map as **Figure 1**)*

Upon leaving the site turn right onto Parsons Blvd for 0.7 miles. The turn right onto 82nd Drive for 0.1 miles. Turn left onto local Roads 54 yards. You will then arrive at Queens Hospital Road.

4.0 STAFFING

This section briefly describes the personnel and their health and safety responsibilities for the:

PROJECT ENGINEER

As necessary, the Project Engineer will perform the following:

- Has the overall responsibility for the health and safety of site personnel
- Ensures that adequate resources are provided to the field staff to carry out their responsibilities as outlined below
- Ensures that fieldwork is scheduled with adequate personnel and equipment resources to complete the job in a safe manner
- Ensures that adequate communication between field crews and emergency response personnel is maintained
- Ensures that field site personnel are adequately trained and qualified to work at the Site

SITE SAFETY OFFICER

As necessary, the Site Safety Officer will perform the following:

- Directs and coordinates health and safety monitoring activities
- Ensures that field teams utilize proper personal protective equipment (PPE)
- Conducts initial onsite, specific training prior to personnel and/or subcontractors proceeding to work
- Conducts and documents periodic safety briefings; ensures that field team members comply with this Construction HASP
- Completes and maintains Accident/Incident Report Forms
- Notifies corporate administration of all accidents/incidents
- Determines upgrade or downgrade of PPE based on site conditions and/or upgrade /downgrade of PPE based on site conditions and/or real-time monitoring results
- Ensures that monitoring instruments are calibrated daily or as determined by manufacturer's suggested instructions
- Maintains health and safety field log books
- Develops and ensures implementation of the Construction HASP
- Approves revised or new safety protocols for field operations
- Coordinates revisions of this Construction HASP with field personnel and the SSO Division Contracting Officer
- Responsible for the development of new company safety protocols and procedures and resolution of any outstanding safety issues which may arise during the conduction of site work
- Reviews personnel and subcontractors current and up-to-date medical examination and acceptability of health and safety training

FIELD PERSONNEL AND SUBCONTRACTORS (IF ANY)

- Reports any unsafe or potentially hazardous conditions to the SSO
- Maintains knowledge of the information, instructions, and emergency response actions contained in this Construction HASP
- Comply with rules, regulations and procedures as set forth in this Construction HASP and any revisions that are instituted
- Prevents admittance to work sites by unauthorized personnel

5.0 CHEMICAL & WASTE DESCRIPTION/CHARACTERIZATION

The following list of compounds and metals is based on the results of the recent subsurface investigation:

Semi Volatile Organic Compounds:

- Benzo (a) Anthracene
- Benzo (b) Fluoranthene
- Benzo (k) Fluoranthene
- Chrysene
- Benzo (a) Pyrene

Heavy Metals:

- Arsenic
- Copper
- Lead
- Zinc

The following informational references are presented in order to identify the properties, characteristics and hazards of the compounds and metals that may/will be encountered at the Site.

- Dangerous Properties of Industrial Materials - Sax
- Chemical Hazards of the Workplace - Proctor/Hughes
- Condensed Chemical Dictionary - Hawley
- Rapid Guide to Hazardous Chemical in the Workplace - Lewis 1990.
- NIOSH Guide to Chemical Hazards - 1990.
- ACGIH TLV Values and Biological Exposure Indices - 1991-1992.
- Science Lab.com

6.0 HAZARD ASSESSMENT AND MITIGATION

The potential hazards associated with the planned site activities include chemical, physical and biological hazards associated with the construction. This section discusses those hazards that are anticipated to be encountered during the activities listed in the scope of work.

The potential to encounter chemical hazards is dependent upon the work activity performed (invasive or non-invasive) and the duration and location of the work activity. Such hazards could include inhalation or skin contact with chemicals that could cause: dermatitis, skin burn, being overcome by vapors or asphyxiation. In addition, the handling of contaminated materials and chemicals could result in fire and/or explosion.

The potential to encounter physical hazards during the site work includes: heat stress, exposure to excessive noise, loss of limbs, being crushed, head injuries, cuts and bruises, and other physical hazards due to motor vehicle operation, heavy equipment and power tools.

CHEMICAL HAZARDS

The potential for personnel and subcontractors to come in contact with chemical hazards may occur during the following tasks:

- Excavation
- Pouring of concrete foundation(s)
- Placement of vapor barrier
- Diluting and injection of ORC slurry

Exposure Pathways

Exposure to these compounds during ongoing activities may occur through inhalation of contaminated dust particles, inhalation of volatile vapor fume compounds, by way of dermal absorption, and accidental ingestion of the contaminant by either direct or indirect cross contamination activities (eating, smoking, poor hygiene). Indirectly, inhalation of contaminated dust particles can occur during adverse weather conditions (high or changing wind directions) or during operations that may generate airborne dust such as excavation.

Dust control measures such as applying continuous mists of water to roadways, equipment and work sites will be implemented, where visible dust is generated from contaminated soils. Where dust control measures are not feasible or effective, respiratory protection in the form of dust filter masks will be used.

Additional Precautions

Dermal absorption or skin contact with chemical compounds is possible during invasive activities at the Site, including the excavation and/or capping of soils. The use of PPE in accordance with Section 9.0 and strict adherence to proper decontamination procedures should significantly reduce the risk of skin contact.

The potential for accidental ingestion of potentially hazardous chemicals is expected to be remote, when good hygiene practices are used. Unauthorized personnel, including all children, will not be allowed access to the Site.

PHYSICAL HAZARDS

A variety of physical hazards may be present during Site activities. These hazards are similar to those associated with any construction type project. These physical hazards are due to motor vehicles, heavy equipment operation, the improper use of power and hand tools, misuse of pressurized cylinders, walking on objects, tripping over objects, working on surfaces which have the potential to promote falling, mishandling and improper storage of solid and hazardous materials, skin burns, crushing of fingers, toes and limbs, being hit on the head by falling objects or hitting one's head due to not seeing the object of concern, temporary loss of one's hearing and/or eyesight. These hazards are not unique and are generally familiarly to most hazardous waste site workers at construction sites. Additional task specific safety requirements will be covered during safety briefings.

7.0 TRAINING

GENERAL HEALTH AND SAFETY TRAINING

In accordance with 29 CFR 1910.120, all construction personnel involved with the portions of the scope of work described in Section 2.0 will be briefed by the Project Manager on the potential hazards and the overall requirements in meeting the specifications of this Construction HASP.

The SSO will have the responsibility of ensuring that personnel assigned to this project comply with these requirements. Written certification of completion of any required training, if necessary, will be provided to the SSO.

MANAGER/SUPERVISOR TRAINING

In accordance with 29 CFR 1910.120, onsite management and supervisors who will be directly responsible for, or who supervise employees engaged in hazardous waste operations shall receive training as required in this Construction HASP and at least eight (8) additional hours of specialized training on managing such operations at the time of job assignment.

SITE SPECIFIC TRAINING

Prior to commencement of field activities, all personnel assigned to the project will be provided training that will specifically address the activities, procedures, monitoring, and equipment for the site operations. It will include Site and facility layout, hazards, emergency services at the Site, and will highlight all provisions contained within this Construction HASP. This training will also allow field workers to clarify anything they do not understand and to reinforce their responsibilities regarding safety and operations for their particular activity.

ON-SITE SAFETY BRIEFINGS

Project personnel and visitors will be given periodic onsite health and safety briefings by the SSO, or their designee, to assist site personnel in safely conducting their work activities. The briefings will include information on new operations to be conducted, changes in work practices, or changes in the Site's environmental conditions. The briefings will also provide a forum to facilitate conformance with safety requirements and to identify performance deficiencies related to safety during daily activities or as a result of safety audits.

ADDITIONAL TRAINING

Additional training may be required by the SSO for participation in certain field tasks during the course of the project. Such additional training could be in the safe operation of heavy or power tool equipment or hazard communication training.

SUBCONTRACTOR TRAINING

Subcontractor personnel working onsite may be exempt from the contents of this Construction HASP. The SSO will determine if this exemption is allowed. In any case, the subcontractor personnel who are exposed to hazards are not exempt from the contents of this Construction HASP.

8.0 MEDICAL SURVEILLANCE

GENERAL

No general or specific medical surveillance or other medical requirements are set forth in this Construction HASP.

9.0 SITE CONTROL, PPE & COMMUNICATIONS

SITE CONTROL

The area where the activities of the scope of work will be performed is considered to be the Exclusion Zone (EZ). All areas where excavation and handling of contaminated materials take place are considered the EZ. This zone will be clearly delineated by cones, tape, or other means. The SSO may establish more than one EZ where different levels of protection may be employed or where different hazards exist. Personnel are not allowed in the EZ without:

- A buddy
- Appropriate personal protective equipment (as necessary)

The remaining portions of the Site outside of the EZ will be the Support Zone (SZ). Appropriate sanitary facilities and safety equipment will be located in SZ. Potentially contaminated personnel or materials are not allowed in this zone. The only exception will be appropriately packaged/decontaminated and labeled samples.

PERSONAL PROTECTIVE EQUIPMENT

General

The level of protection worn by field personnel will be enforced by the SSO. Levels of protection may be upgraded or downgraded at the discretion of the SSO. The decision shall be based on real-time air monitoring, site history data, and prior site experience. Any changes in the level of protection shall be recorded in the health and safety field logbook.

PPE Specifications

For tasks requiring Level C PPE, the following equipment shall be used:

- Cotton or disposable coveralls
- Disposable outer coveralls (Poly-coated Tyvek)
- Gloves, inner (latex)
- Gloves, outer (Nitrile[®])
- Boots (PVC), steel toe/shank
- Boot covers (as needed)
- Hard Hat
- Hearing protection (as needed)
- Splash suit and face shield for decontamination operations (as needed)

For tasks requiring Level D PPE, the following equipment shall be used:

- Cotton or disposable coveralls
- Gloves, inner (latex)
- Gloves, outer (Nitrile[®])
- Boots (PVC) steel toe/shank
- Boot covers (as needed)
- Hard hat
- Hearing protection (as needed)
- Safety glasses

For tasks requiring respiratory protection, the following equipment shall be used:

Level D – No respiratory protective equipment necessary.

Level C – Dust Mask.

Initial Levels of Protection

Levels of protection for the activities may be upgraded or downgraded depending on direct-reading instruments or personnel monitoring. The following are the initial levels of protection that shall be used for each planned field activity.

LEVEL OF PERSONAL PROTECTIVE EQUIPMENT REQUIRED

Level of Protection

Activity	Respiratory/PPE
Excavations	C/D
Capping	C/D

COMMUNICATIONS

Communications is the ability to talk with others. While working in Level C Protection, personnel may find that communication can become a more difficult task and process to accomplish. This is further complicated by distance and space. In order to address this problem, electronic instruments, mechanical devices or hand signals will be used as follows:

- Walkie-Talkies - Hand held radios would be utilized as much as possible by field teams for communication between downrange operations and the Command Post base station.
- Telephones - A mobile telephone will be located in the Command Post vehicle in the Support Zone for communication with emergency support services/facilities. If a telephone is demobilized, the nearest public phones will be identified.
- Air Horns - A member of the downrange field team will carry an air horn and another will be evident in the Support Zone to alert field personnel to an emergency situation.
- Hand Signals - Members of the field team along with use of the buddy system, will employ this communication method. Signals become especially important when in the vicinity of heavy moving equipment and when using Level B respiratory equipment. The signals shall become familiar to the entire field team before site operations commence and they will be reinforced and reviewed during site-specific training.

HAND SIGNALS FOR ON-SITE COMMUNICATION

Signal	Meaning
Hand gripping throat	Out of air, can't breathe
Grip partners' wrist	Leave area immediately; no debate
Hands on top of head	Need assistance
Thumbs up	OK, I'm all right; I understand
Thumbs down	No; negative, unable to understand you. I'm not all right

10.0 AIR MONITORING PLAN

GENERAL

Continuous air monitoring in the EZ during invasive tasks will accompany onsite operations, as indicated in this Construction HASP or as required by the SSO. Monitoring will be performed to verify the adequacy of respiratory protection, to aid in site layout and to document work exposure. All monitoring instruments shall be operated by qualified personnel only and will be calibrated daily prior to use, or more often as necessary. For additional references and information, see Hydro Tech's Site-Specific Air Monitoring Program.

REAL-TIME MONITORING

Instrumentation

Air monitoring will be conducted during the excavation phase of the project utilizing a PID. If background levels exceed 10 parts per million sustained for 10 minutes, mitigating measures will be taken. Dust monitoring will be conducted during the excavation phase of the project utilizing a personal DataRam (PDR) monitor.

Action Levels

Action levels for upgrading of PPE in this Construction HASP will apply to all onsite work during the duration of field activities at the Site. The action level is the presence of visible airborne dust. When airborne dust is observed, specific dust-mitigating procedures will be implemented. These dust-mitigating procedures are documented in Section 6.0.

11.0 SAFETY CONSIDERATIONS

GENERAL

In addition to the specific requirements of this Construction HASP, common sense should be used at all times. The general safety rules and practices below will be in effect at the Site at the discretion of the Project Manager, SSO or other authorized personnel.

- The site will be suitably marked or barricaded as necessary to prevent unauthorized visitors but not hinder emergency services if needed.
- As needed, all open holes, trenches, and obstacles will be properly barricaded in accordance with local site requirements. These requirements will be determined by proximity to traffic ways, both pedestrian and vehicular, and site of the hole, trench, or obstacle. If holes are required to be left open during non-working hours, they will be adequately decked over or barricaded and sufficiently lighted.
- Before any digging or boring operations are conducted, underground utility locations will be identified. All boring, excavation, and other site work will be planned and performed with consideration for underground lines. Any excavation work will be performed in accordance with Hydro Tech's Standard Operating Procedures for Excavations.
- Either workers or other people will enact dust-mitigating procedures when the potential for the inhalation of dust particles is present.
- The act of smoking and ignition sources in the vicinity of potentially flammable or contaminated material is strictly prohibited.
- Drilling, boring, and use of cranes and drilling rigs, erection of towers, movement of vehicles and equipment and other activities will be planned and performed with consideration for the location, height, and relative position of aboveground utilities and fixtures, including signs; canopies; building and other structures and construction; and natural features such as trees, boulders, bodies of water, and terrain.
- When working in areas where flammable vapors may be present, particular care shall be exercised with tools and equipment that may be sources of ignition. All tools and equipment provided must be properly bonded and/or grounded. Metal buttons and zippers are prohibited on safety clothing for areas that may contain a flammable or explosive atmosphere.
- Approved and appropriate safety equipment (as specified in this Construction HASP), such as eye protection, hard hats, foot protection, and respirators, must be worn in areas where required. In addition, eye protection must be worn when sampling soil or water that may be contaminated.
- No smoking, eating, chewing tobacco, gum chewing, or drinking will be allowed in the contaminated areas.
- Contaminated tools and hands must be kept away from the face.
- Personnel must use personal hygiene safe guards (washing up) at the end of the shift or as soon as possible after leaving the Site.
- Each sample must be treated and handled as though it were contaminated.
- Persons with long hair and/or loose fitting clothing that could become entangled in power equipment must take adequate precautions.
- Horseplay is prohibited in the work area.

- Work while under the influence of intoxicants, narcotics, or controlled substances is prohibited.

POSTED SIGNS

Posted danger signs will be used where an immediate hazard exists. Caution signs will be posted to warn against potential hazards and to caution against unsafe practices. Traffic control methods and barricades will be used as needed. Wooden stakes and flagging tape, or equally effective material will be used to demarcate all restricted areas.

Other postings may include the OSHA poster, emergency hospital route, and telephone numbers of contact personnel.

INVASIVE OPERATIONS

The SSO will be present onsite during all invasive work (e.g. excavations and capping). The SSO will ensure that appropriate monitoring, levels of protection and safety procedures are followed. No personnel will enter any excavations for any reason. All non-essential personnel will stay at least 10 feet back from the edge of the excavation and out of the swing radius of the backhoe. No drums or other potential sources will be sampled or removed during this phase without further additions to the Construction HASP.

The proximity of water, sewer, and electrical lines will be identified prior to invasive operations. The possibility of the presence of underground conduits or vessels containing materials under pressure will also be investigated prior to invasive operations. Properly-sized containment systems will be utilized and consideration of the potential volume of liquid or waste released during operations will be discussed with members of the field team to minimize the potential for spills and provide a method for collection of waste materials. Emergency evacuation procedures and the location of safety equipment will be established prior to start up operations. The use of protective clothing, especially hard hats, boots, and gloves will be required during drilling and other heavy equipment work.

SOIL, GROUNDWATER AND LIQUID WASTE SAMPLING

No soil, groundwater or liquid waste sampling is required.

HEAVY EQUIPMENT DECONTAMINATION

Personnel steam cleaning heavy equipment, if necessary, shall use the prescribed level of protection and adhere to the buddy system. Initially, this task usually employs Level C. The heavy equipment decontamination shall be restricted to authorized personnel only. Special consideration will be given to wind speed and direction. Downwind areas are to be kept free of personnel to avoid unnecessary exposure to potential airborne contamination.

ADDITIONAL SAFETY CONSIDERATIONS

No other additional safety considerations at this time.

12.0 DECONTAMINATION AND DISPOSAL PROCEDURES

CONTAMINATION PREVENTION

One of the most important aspects of decontamination is the prevention of contamination. Good contamination prevention should minimize worker exposure and help ensure valid sample results by precluding cross-contamination. Procedures for contamination avoidance include:

Personnel:

Do not walk through areas of obvious or known contamination.
Do not directly handle or touch contaminated materials.
Make sure that there are no cuts or tears on PPE.
Fasten all closures in suits; cover with tape if necessary.
Particular care should be taken to prevent any skin injuries.
Stay upwind of airborne contaminants.
Do not carry cigarettes, cosmetics, gum, etc. into contaminated areas.

Sampling and Monitoring:

When required by the SSO, cover instruments with clear plastic, leaving openings for sampling ports. Keep all decontaminated sampling materials in bags prior to emplacement of sample matrix.

Heavy Equipment:

Care should be taken to limit the amount of contamination that comes in contact with heavy equipment (tires). Dust control measures may be needed on roads inside the site boundaries.

PERSONNEL DECONTAMINATION

All personnel shall pass through an outlined decontamination procedure when exiting the hot zone at each location. A field wash for equipment and PPE shall be set up at each drilling location. The system will include a gross wash and rinse for all disposable clothing and boots worn in the EZ. Upon exiting the EZ, all personnel will wash their hands, arms, neck, and face before entering the Support Zone.

EQUIPMENT DECONTAMINATION

Equipment used at the Site that is potentially contaminated shall be decontaminated to prevent hazardous materials from leaving the Site. All heavy equipment will be decontaminated at the decontamination pad and inspected by the SSO and Project Manager before it leaves the Site. The decontamination area will provide for the containment of all wastewater from the decontamination process. Respirators, airline and any other personnel equipment that comes in contact with contaminated soils shall pass through a field wash.

DECONTAMINATION DURING MEDICAL EMERGENCIES

If emergency life-saving first aid and/or medical treatment are required, normal decontamination procedures may need to be abbreviated or omitted. The Site SSO or designee will accompany contaminated victims to the medical facility to provide 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, a plastic barrier between the individual and clean surfaces should be used to help prevent contaminating the inside of ambulances and /or medical personnel. Outer garments are then removed at the medical facility.

No attempt will be made to wash or rinse the victim, unless it is known that the individual has been contaminated with an extremely toxic or corrosive material that 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. Note that heat stroke requires prompt treatment to prevent irreversible damage or death. Protective clothing must be promptly removed. Less serious forms of heat stress also require prompt attention and removal of protective clothing immediately. Decontamination should be omitted or minimized and treatment begun immediately unless the victim is obviously contaminated.

DISPOSAL PROCEDURES

A segregating system of non-hazardous waste and hazardous waste will be developed by the SSO and Project Manager. All discarded material, waste materials, or other objects shall be handled in such a way as to preclude the potential for spreading contamination, creating sanitary hazards, or causing litter to be left on site. All potentially contaminated materials, e.g. clothing, gloves, etc., will be bagged or drummed as necessary, labeled and segregated for disposal. All non-contaminated materials shall be collected and bagged for appropriate disposal as normal domestic waste.

13.0 EMERGENCY PLAN

The potential for the development of an emergency situation is minimal considering the low concentrations of hazardous substances at the work site. Nevertheless, an emergency situation could occur. All personnel, prior to the start of work, will know the emergency plan outlined in this section. The emergency plan will be available for use at all times during the site work.

Various individual site characteristics will determine preliminary actions taken to assure that this emergency plan is successfully implemented in the event of a site emergency. Careful consideration must be given to the proximity of neighborhood housing or places of employment, and to the relative possibility of site fire, explosion or release of vapors or gases that could affect the surrounding community.

The Project Manager shall make contact with local fire, police, and other emergency units prior to beginning work on site. In these contacts, the Project Manager will inform the emergency units about the nature and duration of work expected to the Site and the type of contaminants and the possible health or safety effects of emergencies involving these contaminants. At this time, the Project Manager and the emergency response units shall make the necessary arrangements to be prepared for any emergencies that could occur.

The Project Manager shall implement the contingency plan whenever conditions at the Site warrant such action. The Project Manager will be responsible for coordination of the evacuation emergency treatment, and transportation of site personnel as necessary, and notification of emergency response units and the appropriate management staff.

EVACUATION

In the event of an emergency situation, such as fire, explosion, or significant release of toxic gases, an air horn or other appropriate device will be sounded for approximately 10-second intervals indicating the initiation of evacuation procedures. All personnel will evacuate and assemble near the entrance to the site. The location shall be upwind of the Site where possible.

For efficient and safe site evacuation and assessment of the emergency situation, the Project Manager will have authority to initiate action if outside services are required. Under no circumstances will incoming personnel or visitors be allowed to proceed into the area once the emergency signal has been given. The SSO or designated SSO must ensure that access for emergency equipment is provided and that all combustion apparatuses have been shut down once the alarm has been sounded. Once the safety of all personnel is established, the Fire Department and other emergency response groups as necessary will be notified by telephone of the emergency.

POTENTIAL OR ACTUAL FIRE OR EXPLOSION

Immediately evacuate the Site (air horn will sound for 10-second intervals), notify the local fire and police departments, and other appropriate emergency response groups if an actual fire or explosion has taken place.

PERSONNEL INJURY

Emergency first aid shall be applied on site as deemed necessary. If necessary, the individual shall be decontaminated and transported to the nearest medical facility.

The ambulance/rescue squad shall be contacted for transport as necessary in an emergency. However, since some situations may require transport of an injured party by other means, the hospital route has been previously identified. Directions to this facility are provided in Section 3.0 of this Construction HASP.

ACCIDENT/INCIDENT REPORTING

As soon as first aid and/or emergency response needs have been met, the employer of the injured party must be immediately notified of any incident. Written confirmation of verbal reports is to be submitted within 24 hours. A standard report form entitled "Accident Data Report" is to be used for this purpose.

For reporting purposes, the term accident refers to fatalities, lost time injuries, spill, or exposure to hazardous materials (toxic materials, explosive or flammable materials).

Any information released from the health care provider, which is not deemed confidential patient information, is to be attached to the appropriate form. Any medical information that is released by patient consent is to be filed in the individuals' medical records and treated as confidential.

OVERT PERSONNEL EXPOSURE

SKIN CONTACT: Use copious amounts of soap and water. Wash/rinse affected area thoroughly, and then provide appropriate medical attention. Eyes should be rinsed for 15 minutes upon chemical contamination.

INHALATION: Move personnel to fresh air and if necessary, decontaminate and transport to hospital.

INGESTION: Decontamination and transport to emergency medical facility.

**PUNCTURE WOUND
OR LACERATION:** Decontaminate and transport to emergency medical facility.

ADVERSE WEATHER CONDITIONS

In the event of adverse weather conditions, the SSO or designee will determine if work can continue without sacrificing the health and 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 conditions
- Limited visibility
- Potential for electrical storms

Site activities will be limited to daylight hours and acceptable weather conditions. Inclement working conditions include heavy rain, fog, high winds, and lightning. The SSO will observe daily weather reports and evacuate if necessary in case of inclement weather conditions.

EMERGENCY RESPONSE EQUIPMENT LIST

Some or all of the following will either be available onsite or will be able to be brought to the Site within a 2-hour period:

- 55 Gallon Drums
- 85 Gallon Drums
- Absorbant Pads
- Absorbant Booms
- Speedy-Dry
- Plastic Sheeting
- Hay Bales
- Pneumatic Nibbler
- Back Hoe
- Pressure Washer
- Air Compressor
- Wilden Pumps
- Equipment Storage Trailer
- Submersible Pumps
- Miscellaneous Hand Tools
- Portable Lighting

LARGE EQUIPMENT

If necessary, the following large equipment brought to the Site within 2-hours:

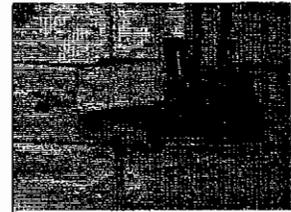
- Large Vacuum Truck
- Super Sucker
- Dump Trucks
- Drill Rig
- Utility Vehicle

FIGURE #1
DIRECTION TO HOSPITAL



Stego® Wrap 10-mil Class A

STEGO INDUSTRIES, LLC



Vapor Retarders
07260, 03300

1. Product Name
Stego Wrap 10-mil
Class A Vapor Retarder

2. Manufacturer
Stego Industries, LLC
27442 Calle Arroyo, Suite A
San Juan Capistrano, CA 92675
Sales, Technical Assistance
Ph: [877] 464-7834
Fx: [949] 493-5165
www.stegoindustries.com

3. Product Description
USES: Stego Wrap 10-mil is used as an exceptional vapor retarder, and as a protection course for below grade waterproofing applications.
COMPOSITION: Stego Wrap 10-mil is a multi-layer plastic extrusion manufactured with only the highest grade of prime, virgin, polyolefin resins.
SIZE: Stego Wrap 10-mil comes in rolls 14' x 210' or 2,940 ft²
WEIGHT: Stego Wrap 10-mil rolls weigh approximately 141 lb.

4. Technical Data
APPLICABLE STANDARDS
American Society for Testing & Materials (ASTM)

- ASTM E 1745 - Standard Specification for Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs
- ASTM D 882 - Test Methods for Tensile Properties of Thin Plastic Sheeting
- ASTM D 1709 - Test Methods for Impact Resistance of Plastic Film by Free-Falling Dart Method
- ASTM E 96 - Test Methods for Water Vapor Transmission of Materials
- ASTM E 154 - Test Methods for Water Vapor Retarders Used in Contact with Earth under Concrete Slabs, on Walls, or as Ground Cover
- ASTM E 631 - Terminology of Building Constructions

- ASTM F 1249 - Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor
- ASTM E 1643 - Standard Practice for Installation of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs American Concrete Institute (ACI)
- ACI 302.1R-96 Minimum Thickness (10-mils)

ENVIRONMENTAL FACTORS
Stego Wrap 10-mil can be used in systems for the control of soil gases (radon, methane), soil poisons (oil by-products) and sulfates.

5. Installation
UNDERSLAB: Unroll Stego Wrap 10-mil over an aggregate, sand or tamped earth base. Overlap all seams a minimum of 6" and tape using Stego Tape. All penetrations must be sealed using a combination of Stego Wrap, Stego Tape and/or Stego Mastic.

VERTICAL WALL: Install Stego Wrap 10-mil over the waterproofing membrane while still tacky. Mechanically fasten Stego Wrap to the wall at the top with termination bar and concrete nails. Drape Stego Wrap down across the footer and under the french drain.

6. Availability & Cost
Stego Wrap 10-mil is available

nationally via building supply distributors. For current cost information, contact your local Stego Wrap distributor or Stego Industries' sales department.

7. Warranty
Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided and disclaims all liability from any loss or damage. No warranty, express or implied, is given as to the merchantability, fitness for a particular purpose, or otherwise with respect to the products referred to.

8. Maintenance
None required.

9. Technical Services
Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries' technical assistance department or via the website:
www.stegoindustries.com

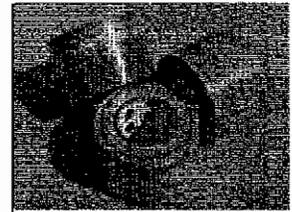
- 10. Filing Systems**
- SpecSource
 - Stego Industries' website
 - MasterSpec

TABLE 1: PHYSICAL PROPERTIES OF STEGO WRAP 10-MIL VAPOR RETARDER

Property & Test	Stego Wrap 10-Mil
Underslab Vapor Retarders, ASTM E 1745 Class A, B & C	Exceeds
Water Vapor Permeance, ASTM E 96 & ASTM F 1249	0.036 perms
Tensile Strength, ASTM D 882	54.4 lbf./in.
Puncture Resistance, ASTM D 1709	2340 grams
Chemical Resistance, ASTM E 154	Unaffected
Life Expectancy, ASTM E 154	Indefinite



Stego® Tape
STEGO INDUSTRIES, LLC



Vapor Retarders
07260, 03300

1. Product Name
Stego Tape

2. Manufacturer
Stego Industries, LLC
27442 Calle Arroyo, Suite A
San Juan Capistrano, CA 92675
Sales, Technical Assistance
Ph: (877) 464-7834
Fx: (949) 493-5165
www.stegoindustries.com

3. Product Description
USES: Stego Tape is a low permeance tape designed for protective sealing, hanging, seaming, splicing, and patching applications where a highly conformable material is required. It has been engineered to bond specifically to Stego Wrap Vapor Retarder/Barrier, making it ideal for sealing Stego Wrap seams and penetrations.
COMPOSITION: Stego Tape is composed of a high-density polyethylene film and a rubber-based, pressure-sensitive adhesive.
SIZE: Stego Tape comes in 4" wide, 180 ft. long rolls. Stego Tape ships 12 rolls in a case.

4. Technical Data
APPLICABLE STANDARDS
American Society for Testing & Materials (ASTM)
• ASTM D 1000 Standard Test Method for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications
• ASTM E 1643 Standard Practice for Installation of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs

5. Installation
SEAMS:
Overlap Stego Wrap 6 inches and seal with Stego Tape. Make sure the area of adhesion is free from dust, dirt and moisture to allow maximum adhesion of the pressure sensitive tape.

PIPE BOOTS:
1) Cut a piece of Stego Wrap.
Width: minimum 12"
Length: 1 1/2 times the pipe circumference
2) With scissors, cut slits half the width of the film.
3) Wrap boot around pipe and tape onto pipe, completely taping the base to Stego Wrap using Stego Tape.

Stego Tape should be installed above 40 °F

Note: See Stego's installation instructions for complete instructions and detailed drawings. Each user should make their own tests to determine the products



suitability for their own intended use and shall assume all risks and liability in connection therewith.

6. Availability & Cost
Stego Tape is available nationally via building supply distributors. For current cost information, contact your local Stego distributor or Stego Industries' sales department.

7. Warranty
Stego Industries, LLC believes to the best of its knowledge, that specifications and recommendations herein are accurate and reliable. However, since site conditions are not within its control, Stego Industries does not guarantee results from the use of the information provided and disclaims all liability from any loss or damage. No warranty, express or implied, is given as to the merchantability, fitness for a particular purpose, or otherwise with respect to the products referred to.

8. Maintenance
None required.

9. Technical Services
Technical advice, custom CAD drawings, and additional information can be obtained by contacting Stego Industries' technical assistance department or by visiting the website: www.stegoindustries.com

10. Filing Systems
• Stego Industries' website

TABLE 1: PHYSICAL PROPERTIES OF STEGO TAPE

Property	Stego Tape
Total Thickness	9 mils
Permeance	0.23 perms
Tensile Strength	25 lbs./in. width
Elongation (at break)	100%
Adhesion	90-oz./in.
Ultraviolet Resistance	Excellent



UNDER-SLAB VAPOR BARRIER/RETARDER

PART 1 – GENERAL

1.1 SUMMARY

- A. Products Supplied Under This Section
 - 1. Vapor Barrier, seam tape, mastic, pipe boots, detail strip for installation under concrete slabs.
- B. RELATED SECTIONS
 - 1. Section 03300 Cast-in-place Structural Concrete
 - 2. Section 07260 Under-Slab Vapor Retarder

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM)
 - 1. ASTM E 1745-97 Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs
 - 2. ASTM E 154-88 Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs
 - 3. ASTM E 96-95 Standard Test Methods for Water Vapor Transmission of Materials
 - 4. ASTM E 1643-98 Standard Practice for Installation of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs
- B. American Concrete Institute (ACI)
 - 1. ACI 302.1R-96 Vapor Barrier Component (plastic membrane) is not less than 10 mils thick

1.3 SUBMITTALS

- A. Quality Control / Assurance
 - 1. Independent laboratory test results showing compliance with ASTM & ACI Standards.
 - 2. Manufacturer's samples, literature
 - 3. Manufacturer's installation instructions for placement, seaming and pipe boot installation

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Vapor Barrier (Performance based specification)
 - 1. Vapor Barrier membrane must have the following properties.
 - a. Manufactured from prime virgin resins
 - b. Water Vapor Barrier ASTM E-1745 Meets or exceeds Class A
 - c. Permeance Rating ASTM E-96 0.01 perms or lower
 - d. Puncture Resistance ASTM D-1709 minimum 2200 grams
 - e. Tensile Strength ASTM D-882 minimum 50.0 lbf/in
 - 2. Vapor Barrier
 - a. Stego Wrap Vapor Barrier by Stego Industries LLC, 949.493.5460

2.2 ACCESSORIES

- A. Seam Tape
 - 1. Tape must have the following qualities:
 - a. Water Vapor Transmission Rate ASTM E 96 0.3 perms or lower
 - 2. Seam Tape
 - a. Stego Tape by Stego Industries LLC, San Juan Capistrano, CA (877) 464-7834
www.stegoindustries.com
- B. Vapor Proofing Mastic
 - 1. Mastic must have the following qualities:
 - a. Water Vapor Transmission Rate ASTM E 96 0.3 perms or lower
 - 2. Mastic
 - a. Stego Mastic by Stego Industries LLC, San Juan Capistrano, CA (877) 464-7834
www.stegoindustries.com
- C. Pipe Boots
 - 1. Construct pipe boots from vapor barrier material, pressure sensitive tape and/or mastic per manufacturer's instructions.

PART 3 – EXECUTION

3.1 PREPARATION

- A. Ensure that subsoil is approved by architect or geotechnical firm
 - 1. Level and tamp or roll aggregate, sand or tamped earth base.

3.2 INSTALLATION

- A. Install Vapor Barrier/Retarder:
 - 1. Installation shall be in accordance with manufacturer's instructions and ASTM E 1643-98.
 - a. Unroll Vapor Barrier/Retarder with the longest dimension parallel with the direction of the pour.
 - h. Lap Vapor Barrier/Retarder over footings and seal to foundation walls.
 - c. Overlap joints 6 inches and seal with manufacturer's tape.
 - d. Seal all penetrations (including pipes) per manufacturer's instructions.
 - e. No penetration of the Vapor Barrier/Retarder is allowed except for reinforcing steel and permanent utilities.
 - f. Repair damaged areas by cutting patches of Vapor Barrier/Retarder, overlapping damaged area 6 inches and taping all four sides with tape.

APPENDIX A
HEALTH AND SAFETY FACTSHEETS FOR PESTICIDES AND PCBs



Health & Safety
Pesticide Chemicals
Regulatory Actions

U.S. Environmental Protection Agency

Pesticides: Topical & Chemical Fact Sheets

[Recent Actions](#) | [Contact Us](#) | [Print Version](#) Search: 

[EPA Home](#) > [Pesticides](#) > [About Pesticides](#) > [Fact Sheets](#) > [Health and Safety](#) > Assessing Health Risks from Pesticides

Assessing Health Risks from Pesticides

January 1999
735-F-99-002

The Federal Government, in cooperation with the States, carefully regulates pesticides to ensure that they do not pose unreasonable risks to human health or the environment. As part of that effort, the Environmental Protection Agency (EPA) requires extensive test data from pesticide producers that demonstrate pesticide products can be used without posing harm to human health and the environment. EPA scientists and analysts carefully review these data to determine whether to register (license) a pesticide product or a use and whether specific restrictions are necessary. This fact sheet is a brief overview of EPA's process for assessing potential risks to human health when evaluating pesticide products.

Background

There are more than 865 active ingredients registered as pesticides, which are formulated into thousands of pesticide products that are available in the marketplace. About 350 pesticides are used on the foods we eat, and to protect our homes and pets.

EPA plays a critical role in evaluating these chemicals prior to registration, and in reevaluating older pesticides already on the market, to ensure that they can be used with a reasonable certainty of no harm. The process EPA uses for evaluating the health impacts of a pesticide is called risk assessment.

EPA uses the National Research Council's four-step process for human health risk assessment:

Step One: Hazard Identification

Step Two: Dose-Response Assessment

Step Three: Exposure Assessment

Step Four: Risk Characterization

Step One: Hazard Identification (Toxicology)

The first step in the risk assessment process is to identify potential health effects that may occur from different types of pesticide exposure. EPA considers the full spectrum of a pesticide's potential health effects.

Generally, for human health risk assessments, many toxicity studies are conducted on animals by pesticide companies in independent laboratories and evaluated for acceptability by EPA scientists. EPA evaluates pesticides for a wide range of adverse effects, from eye and skin irritation to cancer and birth defects in laboratory animals. EPA may also consult the public literature or other sources of supporting information on any aspect of the chemical.

Step Two: Dose-Response Assessment

Paracelsus, the Swiss physician and alchemist, the "father" of modern toxicology

Step Two: Hazard

"The dose makes the poison."

In other words, the amount of a substance a person is exposed to is as important as how toxic the chemical might be. For example, small doses of aspirin can be beneficial to people, but at very high doses, this common medicine can be deadly. In some individuals, even at very low doses, aspirin may be deadly.

Dose-response assessment involves considering the dose levels at which adverse effects were observed in test animals, and using these dose levels to calculate an equal dose in humans.

Step Three: Exposure Assessment

People can be exposed to pesticides in three ways:

1. Inhaling pesticides (inhalation exposure),
2. Absorbing pesticides through the skin (dermal exposure), and
3. Getting pesticides in their mouth or digestive tract (oral exposure).

Depending on the situation, pesticides could enter the body by any one or all of these routes. Typical sources of pesticide exposure include:

- **Food**
Most of the foods we eat have been grown with the use of pesticides. Therefore, pesticide residues may be present inside or on the surfaces of these foods.
- **Home and Personal Use Pesticides**
You might use pesticides in and around your home to control insects, weeds, mold, mildew, bacteria, lawn and garden pests and to protect your pets from pests such as fleas. Pesticides may also be used as insect repellants which are directly applied to the skin or clothing.
- **Pesticides in Drinking Water**
Some pesticides that are applied to farmland or other land structures can make their way in small amounts to the ground water or surface water systems that feed drinking water supplies.
- **Worker Exposure to Pesticides**
Pesticide applicators, vegetable and fruit pickers and others who work around pesticides can be exposed due to the nature of their jobs. To address the unique risks workers face from occupational exposure, EPA evaluates occupational exposure through a separate program. All pesticides registered by EPA have been shown to be safe when used properly.

Step Four: Risk Characterization

Risk characterization is the final step in assessing human health risks from pesticides. It is the process of combining the hazard, dose-response and exposure assessments to describe the overall risk from a pesticide. It explains the assumptions used in assessing exposure as well as the uncertainties that are built into the dose-response assessment. The strength of the overall database is considered, and broad conclusions are made. EPA's role is to evaluate both toxicity and exposure and to determine the risk associated with use of the pesticide.

Simply put

$$\text{RISK} = \text{TOXICITY} \times \text{EXPOSURE.}$$

EPA understands that the risk to human health from pesticide exposure depends on both the toxicity of the pesticide and the likelihood of people coming into contact with it. At least some toxicity and some exposure are required to result in a risk. For example, if the pesticide is highly toxic, but no people are exposed, there is no risk. Likewise, if there is ample exposure but the chemical is non-toxic, there is no risk. However, usually when pesticides are used, there is some toxicity and exposure, which results in a potential risk.

EPA recognizes that effects vary between animals of different species and from person to person. To account for this variability, *uncertainty factors* are built into the risk assessment. These uncertainty factors create an additional margin of safety for protecting people who may be exposed to the pesticides. FQPA requires EPA to use an extra 10-fold safety factor, if necessary, to protect infants and children from effects of the pesticide.

Types of Toxicity Tests EPA Requires for Human Health Risk Assessments

EPA evaluates studies conducted over different periods of time and that measure specific types of effects. These tests are evaluated to screen for potential health effects in infants, children and adults.

Acute Testing: Short-term exposure; a single exposure (dose).

- Oral, dermal (skin), and inhalation exposure
- Eye irritation
- Skin irritation
- Skin sensitization
- Neurotoxicity

Sub-chronic Testing: Intermediate exposure; repeated exposure over a longer period of time (i.e., 30-90 days).

- Oral, dermal (skin), and inhalation
- Neurotoxicity (nerve system damage)

Chronic Toxicity Testing: Long-term exposure; repeated exposure lasting for most of the test animal's life span. Intended to determine the effects of a pesticide after prolonged and repeated exposures.

- Chronic effects (non-cancer)
- Carcinogenicity (cancer)

Developmental and Reproductive Testing: Identify effects in the fetus of an exposed pregnant female (birth defects) and how pesticide exposure affects the ability of a test animal to successfully reproduce.

Mutagenicity Testing: Assess a pesticide's potential to affect the cell's genetic components.

Hormone Disruption: Measure effects for their potential to disrupt the endocrine system. The endocrine system consists of a set of glands and the hormones they produce that help guide the development, growth, reproduction, and behavior of animals including humans.

Risk Management

Once EPA completes the risk assessment process for a pesticide, we use this information to determine if (when used according to label directions), there is a reasonable certainty that the pesticide will not harm a person's health.

Using the conclusions of a risk assessment, EPA can then make a more informed decision regarding whether to approve a pesticide chemical or use, as proposed, or whether

Additional protective measures are necessary to limit occupational or non-occupational exposure to a pesticide. For example, EPA may prohibit a pesticide from being used on certain crops because consuming too much food treated with the pesticide may result in an unacceptable risk to consumers. Another example of protective measures is requiring workers to wear personal protective equipment (PPE) such as a respirator or chemical resistant gloves, or not allowing workers to enter treated crop fields until a specific period of time has passed.

If, after considering all appropriate risk reduction measures, the pesticide still does not meet EPA's safety standard, the Agency will not allow the proposed chemical or use. Regardless of the specific measures enforced, EPA's primary goal is to ensure that legal uses of the pesticide are protective of human health, especially the health of children, and the environment.

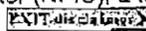
Human Health Risk Assessment and the Law

Federal law requires detailed evaluation of pesticides to protect human health and the environment. In 1996, Congress made significant changes to strengthen pesticide laws through the Food Quality Protection Act (FQPA). Many of these changes are key elements of the current risk assessment process. FQPA required that EPA consider:

- **A New Safety Standard:** FQPA strengthened the safety standard that pesticides must meet before being approved for use. EPA must ensure with a reasonable certainty that no harm will result from the legal uses of the pesticide.
- **Exposure from All Sources:** In evaluating a pesticide, EPA must estimate the combined risk from that pesticide from all non-occupational sources, such as:
 - Food Sources
 - Drinking Water Sources
 - Residential Sources
- **Cumulative Risk:** EPA is required to evaluate pesticides in light of similar toxic effects that different pesticides may share, or "a common mechanism of toxicity." At this time, EPA is developing a methodology for this type of assessment.
- **Special Sensitivity of Children to Pesticides:** EPA must ascertain whether there is an increased susceptibility from exposure to the pesticide to infants and children. EPA must build an additional 10-fold safety factor into risk assessments to ensure the protection of infants and children, unless it is determined that a lesser margin of safety will be safe for infants and children.

For More Information

If you would like more information about EPA's pesticide programs, contact the Communication Service Branch at (703) 305-5017 or visit the [Pesticides Web site](#).

For more information on specific pesticides, or to inquire about the symptoms of pesticide poisoning, call the National Pesticide Information Center (NPIC), a toll-free hotline information at: 1-800-858-7378, or visit their [Web site](#) .



February 2001

CONTENTS

[Highlights](#)

[What are polychlorinated biphenyls \(PCBs\)?](#)

[What happens to polychlorinated biphenyls \(PCBs\) when they enter the environment?](#)

[How might I be exposed to polychlorinated biphenyls \(PCBs\)?](#)

[How can polychlorinated biphenyls \(PCBs\) affect my health?](#)

[How likely are polychlorinated biphenyls \(PCBs\) to cause cancer?](#)

[How do polychlorinated biphenyls \(PCBs\) affect children?](#)

[How can families reduce the risk of exposure to polychlorinated biphenyls \(PCBs\)??](#)

[Is there a medical test to show whether I've been exposed to polychlorinated biphenyls \(PCBs\)?](#)

[Has the federal government made recommendations to protect human health?](#)

[References](#)

ToxFAQs™
for
Polychlorinated Biphenyls (PCBs)
(Bifenilos Policlorados (BPCs))

This fact sheet answers the most frequently asked health questions about polychlorinated biphenyls (PCBs). For more information, you may call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Polychlorinated biphenyls (PCBs) are a mixture of individual chemicals which are no longer produced in the United States, but are still found in the environment. Health effects that have been associated with exposure to PCBs include acne-like skin conditions in adults and neurobehavioral and immunological changes in children. PCBs are known to cause cancer in animals. PCBs have been found in at least 500 of the 1,598 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are polychlorinated biphenyls (PCBs)?

Polychlorinated biphenyls are mixtures of up to 209 individual chlorinated compounds (known as congeners). There are no known natural sources of PCBs. PCBs are either oily liquids or solids that are colorless to light yellow. Some PCBs can exist as a vapor in air. PCBs have no known smell or taste. Many commercial PCB mixtures are known in the U.S. by the trade name Aroclor.

PCBs have been used as coolants and lubricants in transformers, capacitors, and other electrical equipment because they don't burn easily and are good insulators. The manufacture of PCBs was stopped in the U.S. in 1977 because of evidence they build up in the environment and can cause harmful health effects. Products made before 1977 that may contain PCBs include old fluorescent lighting fixtures and electrical devices containing PCB capacitors,

Additional Information
RELATE TO RESOURCES

- [ToxF AQ™](#)  35k
- [ToxF AQ™ en](#)  32k
- [Español](#)
- [Public Health Statement](#)  125k
- [Public Health Statement en](#)  327k
- [Español](#)
- [Toxicological Profile](#)  13.6MB

- A-Z INDEX
- [A B C](#)
 - [D E](#)
 - [F G H I](#)
 - [J K](#)
 - [L M N O P](#)
 - [Q R S](#)
 - [T U](#)
 - [V W X Y Z](#)

- ATSDR RESOURCES
- [ToxF AQs™](#)
 - [ToxF AQs™ en](#)
 - [Español](#)
 - [Public Health Statements](#)
 - [Toxicological Profiles](#)
 - [Minimum Risk Levels](#)
 - [MMGs](#)
 - [MHMIs](#)
 - [Interaction Profiles](#)
 - [Priority List of Hazardous Substances](#)
 - [Division of Toxicology](#)

and old microscope and hydraulic oils.

[back to top](#)

What happens to polychlorinated biphenyls (PCBs) when they enter the environment?

- PCBs entered the air, water, and soil during their manufacture, use, and disposal; from accidental spills and leaks during their transport; and from leaks or fires in products containing PCBs.
- PCBs can still be released to the environment from hazardous waste sites; illegal or improper disposal of industrial wastes and consumer products; leaks from old electrical transformers containing PCBs; and burning of some wastes in incinerators.
- PCBs do not readily break down in the environment and thus may remain there for very long periods of time. PCBs can travel long distances in the air and be deposited in areas far away from where they were released. In water, a small amount of PCBs may remain dissolved, but most stick to organic particles and bottom sediments. PCBs also bind strongly to soil.
- PCBs are taken up by small organisms and fish in water. They are also taken up by other animals that eat these aquatic animals as food. PCBs accumulate in fish and marine mammals, reaching levels that may be many thousands of times higher than in water.

[back to top](#)

How might I be exposed to polychlorinated biphenyls (PCBs)?

- Using old fluorescent lighting fixtures and electrical devices and appliances, such as television sets and refrigerators, that were made 30 or more years ago. These items may leak small amounts of PCBs into the air when they get hot during operation, and could be a source of skin exposure.
- Eating contaminated food. The main dietary sources of PCBs are fish (especially sportfish caught in contaminated lakes or rivers), meat, and dairy products.
- Breathing air near hazardous waste sites and drinking contaminated well water.
- In the workplace during repair and maintenance of PCB transformers; accidents, fires or spills involving transformers, fluorescent lights, and other old electrical devices; and disposal of PCB materials.

[back to top](#)

How can polychlorinated biphenyls (PCBs) affect my health?

The most commonly observed health effects in people exposed to high amounts of PCBs are skin conditions such as acne and rashes. Studies in exposed workers have shown changes in blood chemistry that may indicate liver damage. PCB exposures in the general population are not likely to result in skin and liver effects. Most of the studies of health effects of PCBs in the general population examined children of mothers who were exposed to PCBs.

Animals that ate food containing large amounts of PCBs for short periods of time had mild liver damage and some died. Animals that ate smaller amounts of PCBs in food over several weeks or months developed various kinds of health effects, including anemia; acne-like skin conditions; and liver, stomach, and thyroid gland injuries. Other effects of PCBs in animals include changes in the immune system, behavioral alterations, and impaired reproduction. PCBs are not known to cause birth defects.

[back to top](#)

How likely are polychlorinated biphenyls (PCBs) to cause cancer?

Few studies of workers indicate that PCBs were associated with certain kinds of cancer in humans, such as cancer of the liver and biliary tract. Rats that ate food containing high levels of PCBs for two years developed liver cancer. The Department of Health and Human Services (DHHS) has concluded that PCBs may reasonably be anticipated to be carcinogens. The EPA and the International Agency for Research on Cancer (IARC) have determined that PCBs are probably carcinogenic to humans.

[back to top](#)

How do polychlorinated biphenyls (PCBs) affect children?

Women who were exposed to relatively high levels of PCBs in the workplace or ate large amounts of fish contaminated with PCBs had babies that weighed slightly less than babies from women who did not have these exposures. Babies born to women who ate PCB-contaminated fish also showed abnormal responses in tests of infant behavior. Some of these behaviors, such as problems with motor skills and a decrease in short-term memory, lasted for several years. Other studies suggest that the immune system was affected in children born to and nursed by mothers exposed to increased levels of PCBs. There are no reports of structural birth defects caused by exposure to PCBs or of health effects of PCBs in older children. The most likely way infants will be exposed to PCBs is from breast milk. Transplacental transfers of PCBs were also reported. In most cases, the benefits of breast-feeding outweigh any risks from exposure to PCBs in mother's milk.

[back to top](#)

How can families reduce the risk of exposure to polychlorinated biphenyls (PCBs)?

- You and your children may be exposed to PCBs by eating fish or wildlife caught from contaminated locations. Certain states, Native American tribes, and U.S. territories have issued advisories to warn people about PCB-contaminated fish and fish-eating wildlife. You can reduce your family's exposure to PCBs by obeying these advisories.
- Children should be told not play with old appliances, electrical equipment, or transformers, since they may contain PCBs.
- Children should be discouraged from playing in the dirt near hazardous waste sites and in areas where there was a transformer fire. Children should also be discouraged from eating dirt and putting dirty hands, toys or other objects in their mouths, and should wash hands frequently.
- If you are exposed to PCBs in the workplace it is possible to carry them home on your clothes, body, or tools. If this is the case, you should shower and change clothing before leaving work, and your work clothes should be kept separate from other clothes and laundered separately.

[back to top](#)

Is there a medical test to show whether I've been exposed to polychlorinated biphenyls (PCBs)?

Tests exist to measure levels of PCBs in your blood, body fat, and breast milk, but these are not routinely conducted. Most people normally have low levels of PCBs in their body because nearly everyone has been environmentally exposed to PCBs. The tests can show if your PCB levels are elevated, which would indicate past exposure to above-normal levels of PCBs, but cannot determine when or how long you were exposed or whether you will develop health effects.

[back to top](#)

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 0.0005 milligrams of PCBs per liter of drinking water (0.0005 mg/L). Discharges, spills or accidental releases of 1 pound or more of PCBs into the environment must be reported to the EPA. The Food and Drug Administration (FDA) requires that infant foods, eggs, milk and other dairy products, fish and shellfish, poultry and red meat contain no more than 0.2-3 parts of PCBs per million parts (0.2-3 ppm) of food. Many states have established fish and wildlife consumption advisories for PCBs.

[back to top](#)

References

Agency for Toxic Substances and Disease Registry (ATSDR).
ATSDR Toxicological Profile for polychlorinated biphenyls (PCBs).
Atlanta, GA: U.S. Department of Health and Human Services,
Public Health Service.

[back to top](#)

Where can I get more information?

ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

For more information, contact:

Agency for Toxic Substances and Disease Registry
Division of Toxicology
1600 Clifton Road NE, Mailstop F-32
Atlanta, GA 30333
Phone: 1-888-42-ATSDR (1-888-422-8737)
FAX: (770)-488-4178
Email: ATSDRIC@cdc.gov

[back to top](#)

ATSDR Information Center / ATSDRIC@cdc.gov / 1-888-422-8737

This page was updated on February 28, 2005

[ATSDR Home](#) | [Search](#) | [Index](#) | [Glossary](#) | [Contact Us](#)
[About ATSDR](#) | [News Archive](#) | [ToxFAQs](#) | [Hazard](#) | [Public Health Assessments](#)
[Privacy Policy](#) | [External Links Disclaimer](#) | [Accessibility](#)
U.S. Department of Health and Human Services



Health	2
Fire	3
Reactivity	0
Personal Protection	III

Material Safety Data Sheet p-Xylene MSDS

Section 1: Chemical Product and Company Identification

<p>Product Name: p-Xylene</p> <p>Catalog Codes: SLX1120</p> <p>CAS#: 106-42-3</p> <p>RTECS: ZE2625000</p> <p>TSCA: TSCA 8(b) inventory: p-Xylene</p> <p>CI#: Not applicable.</p> <p>Synonym: p-Methyltoluene</p> <p>Chemical Name: 1,4-Dimethylbenzene</p> <p>Chemical Formula: C₆H₄(CH₃)₂</p>	<p>Contact Information:</p> <p>Sciencelab.com, Inc. 14025 Smith Rd. Houston, Texas 77396</p> <p>US Sales: 1-800-901-7247 International Sales: 1-281-441-4400</p> <p>Order Online: ScienceLab.com</p> <p>CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300</p> <p>International CHEMTREC, call: 1-703-527-3887</p> <p>For non-emergency assistance, call: 1-281-441-4400</p>
---	--

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
{p-}Xylene	106-42-3	100

Toxicological Data on Ingredients: p-Xylene: ORAL (LD50): Acute: 5000 mg/kg [Rat.]. DERMAL (LD50): Acute: 12400 mg/kg [Rabbit.]. VAPOR (LC50): Acute: 4550 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:

Very hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of skin contact (permeator), of ingestion, of inhalation. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:

Hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of skin contact (permeator), of ingestion, of inhalation.
 CARCINOGENIC EFFECTS: Not available.
 MUTAGENIC EFFECTS: Not available.
 TERATOGENIC EFFECTS: Not available.
 DEVELOPMENTAL TOXICITY: Not available.
 The substance is toxic to blood, kidneys, the nervous system, liver.
 Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact:

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:

Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 527°C (980.6°F)

Flash Points: CLOSED CUP: 25°C (77°F). OPEN CUP: 28.9°C (84°F) (Cleveland).

Flammable Limits: LOWER: 1.1% UPPER: 7%

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances: Highly flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

Flammable liquid, insoluble in water.

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards:

Explosive in the form of vapor when exposed to heat or flame. Vapor may travel considerable distance to source of ignition and flash back. When heated to decomposition it emits acrid smoke and irritating fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Toxic flammable liquid, insoluble or very slightly soluble in water.

Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage**Precautions:**

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

Storage:

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F).

Section 8: Exposure Controls/Personal Protection**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 100 STEL: 150 (ppm) from ACGIH (TLV)

TWA: 434 STEL: 651 (mg/m³) from ACGIH Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid. (Liquid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 106.17 g/mole

Color: Colorless.

pH (1% soln/water): Not applicable.

Boiling Point: 138°C (280.4°F)

Melting Point: 12°C (53.6°F)

Critical Temperature: Not available.

Specific Gravity: 0.86 (Water = 1)

Vapor Pressure: 9 mm of Hg (@ 20°C)

Vapor Density: 3.7 (Air = 1)

Volatility: Not available.

Odor Threshold: 0.62 ppm

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, methanol, diethyl ether.

Solubility:

Easily soluble in methanol, diethyl ether.

Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Eye contact.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE.

Acute oral toxicity (LD50): 5000 mg/kg [Rat].

Acute dermal toxicity (LD50): 12400 mg/kg [Rabbit].

Acute toxicity of the vapor (LC50): 4550 ppm 4 hour(s) [Rat].

Chronic Effects on Humans: The substance is toxic to blood, kidneys, the nervous system, liver.

Other Toxic Effects on Humans:

Very hazardous in case of skin contact (irritant).

Slightly hazardous in case of skin contact (permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:

0347 Animal: embryotoxic, foetotoxic, passes through the placental barrier.
0900 Detected in maternal milk in human.
Narcotic effect; may cause nervous system disturbances.

Special Remarks on other Toxic Effects on Humans: Material is irritating to mucous membranes and upper respiratory tract.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Class 3: Flammable liquid.

Identification: : Xylene : UN1307 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

Pennsylvania RTK: p-Xylene

Florida: p-Xylene

Massachusetts RTK: p-Xylene

New Jersey: p-Xylene

TSCA 8(b) inventory: p-Xylene

SARA 313 toxic chemical notification and release reporting: p-Xylene

CERCLA: Hazardous substances.: p-Xylene

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).

CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):

R10- Flammable.

R38- Irritating to skin.

R41- Risk of serious damage to eyes.

R48/20- Harmful: danger of serious

damage to health by prolonged exposure through inhalation.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves.

Lab coat.

Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Splash goggles.

Section 16: Other Information

References:

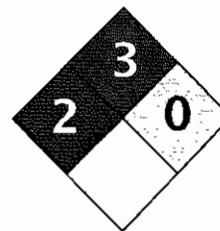
- Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987.
- Material safety data sheet emitted by: la Commission de la Sant  et de la S curit  du Travail du Qu bec.
- SAX, N.I. Dangerous Properties of Industrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984.
- The Sigma-Aldrich Library of Chemical Safety Data, Edition II.
- Guide de la loi et du r glement sur le transport des marchandises dangereuses au Canada. Centre de conformit  international Lt e. 1986.

Other Special Considerations: Not available.

Created: 10/10/2005 08:33 PM

Last Updated: 10/10/2005 08:33 PM

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.



Health	2
Fire	3
Reactivity	0
Personal Protection	1

Material Safety Data Sheet m-Xylene MSDS

Section 1: Chemical Product and Company Identification

Product Name: m-Xylene

Catalog Codes: SLX1066

CAS#: 108-38-3

RTECS: ZE2275000

TSCA: TSCA 8(b) inventory: m-Xylene

CI#: Not applicable.

Synonym: m-Methyltoluene

Chemical Name: 1,3-Dimethylbenzene

Chemical Formula: C₆H₄(CH₃)₂

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
{m-}Xylene	108-38-3	100

Toxicological Data on Ingredients: m-Xylene: ORAL (LD50): Acute: 5000 mg/kg [Rat.]. DERMAL (LD50): Acute: 14100 mg/kg [Rabbit].

Section 3: Hazards Identification

Potential Acute Health Effects:

Very hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of skin contact (permeator), of ingestion, of inhalation. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:

Hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of skin contact (permeator), of ingestion, of inhalation.
CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
 The substance is toxic to blood, kidneys, the nervous system, liver.
 Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. Do not use an eye ointment. Seek medical attention.

Skin Contact:

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available.

Ingestion:

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-ignition Temperature: 527°C (980.6°F)

Flash Points: CLOSED CUP: 25°C (77°F). OPEN CUP: 28.9°C (84°F) (Cleveland).

Flammable Limits: LOWER: 1.1% UPPER: 7%

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances: Highly flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

Flammable liquid, insoluble in water.

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards:

Explosive in the form of vapor when exposed to heat or flame. Vapor may travel considerable distance to source of ignition and flash back. When heated to decomposition it emits acrid smoke and irritating fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Flammable liquid, insoluble in water.

Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

Storage:

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 100 STEL: 150 (ppm) from ACGIH (TLV)

TWA: 434 STEL: 651 (mg/m³) from ACGIH Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid. (Liquid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 106.17 g/mole

Color: Colorless.

pH (1% soln/water): Not applicable.

Boiling Point: 139.3°C (282.7°F)

Melting Point: -47.87°C (-54.2°F)

Critical Temperature: Not available.

Specific Gravity: 0.86 (Water = 1)

Vapor Pressure: 6 mm of Hg (@ 20°C)

Vapor Density: 3.7 (Air = 1)

Volatility: Not available.

Odor Threshold: 0.62 ppm

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, methanol, diethyl ether.

Solubility:

Easily soluble in methanol, diethyl ether.

Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Eye contact.

Toxicity to Animals:

Acute oral toxicity (LD50): 5000 mg/kg [Rat.].

Acute dermal toxicity (LD50): 14100 mg/kg [Rabbit.].

Chronic Effects on Humans: The substance is toxic to blood, kidneys, the nervous system, liver.

Other Toxic Effects on Humans:

Very hazardous in case of skin contact (irritant).

Slightly hazardous in case of skin contact (permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:

0347 Animal: embryotoxic, foetotoxic, passes through the placental barrier.

0900 Detected in maternal milk in human.

Narcotic effect; may cause nervous system disturbances.

Special Remarks on other Toxic Effects on Humans: Material is irritating to mucous membranes and upper respiratory tract.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Class 3: Flammable liquid.

Identification: : Xylene : UN1307 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

Pennsylvania RTK: m-Xylene

Massachusetts RTK: m-Xylene

TSCA 8(b) inventory: m-Xylene

SARA 313 toxic chemical notification and release reporting: m-Xylene

CERCLA: Hazardous substances.: m-Xylene

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).

CLASS D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):

R10- Flammable.

R38- Irritating to skin.

R41- Risk of serious damage to eyes.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: j

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves.

Lab coat.

Wear appropriate respirator when ventilation is inadequate.

Splash goggles.

Section 16: Other Information

References:

-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987.

-Material safety data sheet emitted by: la Commission de la Sant  et de la S curit  du Travail du Qu bec.

-SAX, N.I. Dangerous Properties of Industrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984.

-The Sigma-Aldrich Library of Chemical Safety Data, Edition II.

-Guide de la loi et du r glement sur le transport des marchandises dangereuses au canada. Centre de conformit  international Lt e. 1986.

Other Special Considerations: Not available.

Created: 10/10/2005 08:33 PM

Last Updated: 10/10/2005 08:33 PM

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.

International Chemical Safety Cards

BENZ(a)ANTHRACENE

ICSC: 0385

<p style="text-align: center;">BENZ(a)ANTHRACENE 1,2-Benzoanthracene Benzo(a)anthracene 2,3-Benzphenanthrene Naphthanthracene $C_{18}H_{12}$ Molecular mass: 228.3</p> <p>CAS # 56-55-3 RTECS # CV9275000 ICSC # 0385 EC # 601-033-00-9</p>			
TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Combustible.		Water spray, powder. In case of fire in the surroundings: all extinguishing agents allowed.
EXPLOSION	Finely dispersed particles form explosive mixtures in air.	Prevent deposition of dust; closed system, dust explosion-proof electrical equipment and lighting.	
EXPOSURE		AVOID ALL CONTACT!	
• INHALATION		Local exhaust or breathing protection.	Fresh air, rest.
• SKIN		Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
• EYES		Safety goggles, face shield, or eye protection in combination with breathing protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
• INGESTION		Do not eat, drink, or smoke during work. Wash hands before eating.	Rinse mouth.
SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING	
Sweep spilled substance into sealable containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place (extra personal protection: complete protective clothing including self-contained breathing apparatus).	Well closed.	T symbol R: 45 S: 53-45	

SEE IMPORTANT INFORMATION ON BACK

ICSC: 0385

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities © IPCS CEC 1993

International Chemical Safety Cards

BENZ(a)ANTHRACENE

ICSC: 0385

I M P O R T A N T D A T A	PHYSICAL STATE; APPEARANCE: COLOURLESS TO YELLOW-BROWN FLUORESCENT FLAKES OR POWDER.	ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation, through the skin and by ingestion.
	PHYSICAL DANGERS: Dust explosion possible if in powder or granular form, mixed with air.	INHALATION RISK: Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly.
	CHEMICAL DANGERS:	EFFECTS OF SHORT-TERM EXPOSURE:
	OCCUPATIONAL EXPOSURE LIMITS (OELs): TLV not established.	EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: This substance is probably carcinogenic to humans.
PHYSICAL PROPERTIES	Sublimation point: 435°C Melting point: 162°C Relative density (water = 1): 1.274	Solubility in water: none Vapour pressure, Pa at 20°C: 292 Octanol/water partition coefficient as log Pow: 5.61
ENVIRONMENTAL DATA	In the food chain important to humans, bioaccumulation takes place, specifically in seafood.	
NOTES		
This substance is one of many polycyclic aromatic hydrocarbons - standards are usually established for them as mixtures, e.g., coal tar pitch volatiles. However, it may be encountered as a laboratory chemical in its pure form. Insufficient data are available on the effect of this substance on human health, therefore utmost care must be taken. Do NOT take working clothes home. Tetraphene is a common name.		
ADDITIONAL INFORMATION		
ICSC: 0385		BENZ(a)ANTHRACENE
© IPCS, CEC, 1993		

**IMPORTANT
LEGAL
NOTICE:**

Neither the CEC or the IPCS nor any person acting on behalf of the CEC or the IPCS is responsible for the use which might be made of this information. This card contains the collective views of the IPCS Peer Review Committee and may not reflect in all cases all the detailed requirements included in national legislation on the subject. The user should verify compliance of the cards with the relevant legislation in the country of use.

Material Safety Data Sheet

Benzo[a]pyrene, 98%

ACC# 37175

Section 1 - Chemical Product and Company Identification

MSDS Name: Benzo[a]pyrene, 98%**Catalog Numbers:** AC105600000, AC105600010, AC105601000, AC377200000, AC377200010, AC377201000 AC377201000**Synonyms:** 3,4-Benzopyrene; 3,4-Benzpyrene; Benzo[def]chrysene.**Company Identification:**

Acros Organics N.V.
One Reagent Lane
Fair Lawn, NJ 07410

For information in North America, call: 800-ACROS-01**For emergencies in the US, call CHEMTREC:** 800-424-9300

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
50-32-8	Benzo[a]pyrene	>96	200-028-5

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: yellow to brown powder.

Danger! May cause harm to the unborn child. May impair fertility. May cause eye, skin, and respiratory tract irritation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Cancer hazard. May cause allergic skin reaction. May cause heritable genetic damage.

Target Organs: Reproductive system, skin.**Potential Health Effects****Eye:** May cause eye irritation.**Skin:** May cause skin irritation. May be harmful if absorbed through the skin. May cause an allergic reaction in certain individuals.**Ingestion:** May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated. May be harmful if swallowed.**Inhalation:** May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated. May be harmful if inhaled.**Chronic:** May cause cancer in humans. May cause reproductive and fetal effects. Laboratory experiments have resulted in mutagenic effects.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point: Not available.

Autoignition Temperature: Not available.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: 2; Flammability: 0; Instability: 0

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs

Benzo[a]pyrene	0.2 mg/m ³ TWA (as benzene soluble aerosol) (listed under Coal tar pitches).	0.1 mg/m ³ TWA (cyclohexane-extractable fraction) (listed under Coal tar pitches).80 mg/m ³ IDLH (listed under Coal tar pitches).	0.2 mg/m ³ TWA (as benzene soluble fraction) (listed under Coal tar pitches).
----------------	---	---	--

OSHA Vacated PELs: Benzo[a]pyrene: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

Physical State: Powder

Appearance: yellow to brown

Odor: faint aromatic odor

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate:Not available.

Viscosity: Not available.

Boiling Point: 495 deg C @ 760 mm Hg

Freezing/Melting Point:175 - 179 deg C

Decomposition Temperature:Not available.

Solubility: 1.60x10⁻³ mg/l @25°C

Specific Gravity/Density:Not available.

Molecular Formula:C₂₀H₁₂

Molecular Weight:252.31

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Dust generation.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information

RTECS#:

CAS# 50-32-8; DJ3675000

LD50/LC50:

Not available.

Carcinogenicity:

CAS# 50-32-8:

- **ACGIH:** A2 - Suspected Human Carcinogen
- **California:** carcinogen, initial date 7/1/87
- **NTP:** Suspect carcinogen
- **IARC:** Group 1 carcinogen (listed as Coal tar pitches).

Epidemiology: No information found

Teratogenicity: No information found

Reproductive Effects: Adverse reproductive effects have occurred in experimental animals.

Mutagenicity: Mutagenic effects have occurred in humans. Mutagenic effects have occurred in experimental animals.

Neurotoxicity: No information found

Other Studies:

Section 12 - Ecological Information

No information available.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series:

CAS# 50-32-8: waste number U022.

Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name:	NOT REGULATED FOR DOMESTIC TRANSPORT	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOL (Benzo{a} pyrene)
Hazard Class:		9
UN Number:		UN3077
Packing Group:		III

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 50-32-8 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

CAS# 50-32-8: 1 lb final RQ; 0.454 kg final RQ

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 50-32-8: immediate, delayed.

Section 313

This material contains Benzo[a]pyrene (CAS# 50-32-8, >96%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

CAS# 50-32-8 is listed as a Priority Pollutant under the Clean Water Act.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 50-32-8 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California Prop 65

The following statement(s) is(are) made in order to comply with the California Safe Drinking Water Act:

WARNING: This product contains Benzo[a]pyrene, a chemical known to the state of California to cause cancer.

California No Significant Risk Level: CAS# 50-32-8: 0.06 æg/day NSRL

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

T N

Risk Phrases:

R 43 May cause sensitization by skin contact.

R 45 May cause cancer.

R 46 May cause heritable genetic damage.

R 60 May impair fertility.

R 61 May cause harm to the unborn child.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases:

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 53 Avoid exposure - obtain special instructions before use.
S 60 This material and its container must be disposed of as hazardous waste.
S 61 Avoid release to the environment. Refer to special instructions /safety data sheets.

WGK (Water Danger/Protection)

CAS# 50-32-8: No information available.

Canada - DSL/NDSL

CAS# 50-32-8 is listed on Canada's DSL List.

Canada - WHMIS

This product has a WHMIS classification of D2A.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

CAS# 50-32-8 is listed on the Canadian Ingredient Disclosure List.

Section 16 - Additional Information
--

MSDS Creation Date: 9/02/1997

Revision #7 Date: 6/30/2006

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.

Material Safety Data Sheet

Chrysene, 98%

ACC# 95251

Section 1 - Chemical Product and Company Identification

MSDS Name: Chrysene, 98%**Catalog Numbers:** AC224140000, AC224140010, AC224140050, AC224145000**Synonyms:** 1,2-Benzophenanthrene; Benzo(a)phenanthrene; 1,2,5,6-Dibenzonaphthalene.**Company Identification:**

Acros Organics N.V.
 One Reagent Lane
 Fair Lawn, NJ 07410

For information in North America, call: 800-ACROS-01**For emergencies in the US, call CHEMTREC:** 800-424-9300

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
218-01-9	Chrysene	98	205-923-4

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: very light beige solid.

Caution! May cause eye and skin irritation. May cause respiratory tract irritation. May cause cancer in humans.**Target Organs:** Liver, skin.**Potential Health Effects****Eye:** May cause eye irritation.**Skin:** May cause skin irritation.**Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea.**Inhalation:** May cause respiratory tract irritation.**Chronic:** May cause cancer according to animal studies.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.**Skin:** Get medical aid. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.**Ingestion:** Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.**Inhalation:** Get medical aid immediately. Remove from exposure and move to fresh air

immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Flash Point: Not applicable.

Autoignition Temperature: Not available.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: ; Flammability: 1; Instability:

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Provide ventilation.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Wash hands before eating. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Avoid breathing dust.

Storage: Store in a tightly closed container. Store in a cool, dry area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Chrysene	0.2 mg/m ³ TWA (as benzene soluble aerosol) (listed under Coal tar pitches).	0.1 mg/m ³ TWA (cyclohexane-extractable fraction) (listed under Coal tar pitches).80 mg/m ³ IDLH (listed under Coal tar pitches).	0.2 mg/m ³ TWA (as benzene soluble fraction) (listed under Coal tar pitches).

OSHA Vacated PELs: Chrysene: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Solid

Appearance: very light beige

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: 448 deg C @ 760 mm Hg

Freezing/Melting Point: 250-255 deg C

Decomposition Temperature: Not available.

Solubility: insoluble

Specific Gravity/Density: Not available.

Molecular Formula: C₁₈H₁₂

Molecular Weight: 228.29

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Dust generation.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information

RTECS#:

CAS# 218-01-9: GC0700000

LD50/LC50:

Not available.

Carcinogenicity:

CAS# 218-01-9:

- **ACGIH:** A3 - Confirmed animal carcinogen with unknown relevance to humans

- **California:** carcinogen, initial date 1/1/90
- **NTP:** Known carcinogen (listed as Coal tar pitches).
- **IARC:** Group 1 carcinogen (listed as Coal tar pitches).

Epidemiology: No information found

Teratogenicity: No information found

Reproductive Effects: No information found

Mutagenicity: Chrysene was mutagenic to *S. Typhimurium* in the presence of an exogenous metabolic system.

Neurotoxicity: No information found

Other Studies:

Section 12 - Ecological Information

Ecotoxicity: Water flea LC50 = 1.9 mg/L; 2 Hr.; Unspecified Fish toxicity : LC50 (96hr) *Neaethes arenacedentata* > 1ppm.(Rossi,S.S. et al Marine Pollut. Bull. 1978) Invertebrate toxicity : lethal treshold concentration (24hr) *Daphnia Magna* 0,7æg/l.(* Newsted,J.L. et al Environ. Toxicol. Chem. 1987) Bioaccumulation : 24hr *Daphnia Magna* log bioconcentration factor 3.7845 (*)

Environmental: Degradation studies : biodegradated by white rot fungus (Proc.Annu.Meet.Am.Wood-Preserv.Assoc.1989) May be utilised by axenic cultures of microorganisms e.g. *Pseudomonas pancimobilis* EPA505, which may have novel degradative systems(Mueller,J.G. et al ppl.Environ.Microbiol.1990; Mueller, J.G. et al Environ.Sci.Technol.1991).

Physical: Not found.

Other: No information available.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series:

CAS# 218-01-9: waste number U050.

Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name:	Not regulated as a hazardous material	No information available.
Hazard Class:		
UN Number:		
Packing Group:		

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 218-01-9 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

CAS# 218-01-9: 100 lb final RQ; 45.4 kg final RQ

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313

This material contains Chrysene (CAS# 218-01-9, 98%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

CAS# 218-01-9 is listed as a Priority Pollutant under the Clean Water Act.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 218-01-9 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California Prop 65

The following statement(s) is(are) made in order to comply with the California Safe Drinking Water Act:

WARNING: This product contains Chrysene, a chemical known to the state of California to cause cancer.

California No Significant Risk Level: CAS# 218-01-9: 0.35 µg/day NSRL (oral)

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

T

Risk Phrases:

R 45 May cause cancer.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases:

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 53 Avoid exposure - obtain special instructions before use.

S 60 This material and its container must be disposed of as hazardous waste.

S 61 Avoid release to the environment. Refer to special instructions /safety data sheets.

WGK (Water Danger/Protection)

CAS# 218-01-9: No information available.

Canada - DSL/NDSL

CAS# 218-01-9 is listed on Canada's DSL List.

Canada - WHMIS

This product has a WHMIS classification of D2A.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

CAS# 218-01-9 is listed on the Canadian Ingredient Disclosure List.

Section 16 - Additional Information
--

MSDS Creation Date: 6/30/1999

Revision #4 Date: 10/03/2005

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.

Material Safety Data Sheet

Fluoranthene, 98%

ACC# 80991

Section 1 - Chemical Product and Company Identification

MSDS Name: Fluoranthene, 98%**Catalog Numbers:** AC119170000, AC119170250, AC119171000, AC119175000**Synonyms:** 1,2-(1,8-Naphthalenediyl)benzene; 1,2-(1,8-Naphthylene)benzene; 1,2-Benzacenaphthene; Benzene, 1,2-(1,8-naphthylene)-; Benzo(j,k)fluorene; Benzo(jk)fluoranthene; Benzo(jk)fluorene**Company Identification:**

Acros Organics N.V.
 One Reagent Lane
 Fair Lawn, NJ 07410

For information in North America, call: 800-ACROS-01**For emergencies in the US, call CHEMTREC:** 800-424-9300

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
206-44-0	Fluoranthene	98	205-912-4

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Appearance: yellow needles.

Caution! Harmful. Causes eye and skin irritation and possible burns. May be harmful if absorbed through the skin. May be harmful if swallowed. May cause heart and liver injury.**Target Organs:** Heart, liver, lungs.**Potential Health Effects****Eye:** Causes eye irritation and possible burns.**Skin:** May be harmful if absorbed through the skin. Causes severe skin irritation and possible burns.**Ingestion:** May be harmful if swallowed. May cause rapid heartbeat and cardiac arrhythmias. May cause liver injury, pulmonary edema, and respiratory arrest. May cause gastrointestinal disturbances such as nausea.**Inhalation:** May cause effects similar to those described for ingestion. May produce cardiac failure and pulmonary edema.**Chronic:** Prolonged or repeated skin contact may cause defatting and dermatitis.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the

upper and lower eyelids. Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes).

Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid immediately. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Explosion Limits, Lower: Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: 2; Flammability: 0; Instability: 0

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Use only in a chemical fume hood. Do not breathe dust.

Storage: Keep containers tightly closed. Store in a cool, dry area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Fluoranthene	none listed	none listed	none listed

OSHA Vacated PELs: Fluoranthene: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

Physical State: Needles

Appearance: yellow

Odor: None reported.

pH: Not available.

Vapor Pressure: 0.01 mm Hg @ 20 deg C

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: 384 deg C @ 760.00mmHg

Freezing/Melting Point: 107.00 - 110.00 deg C

Decomposition Temperature: Not available.

Solubility: insoluble

Specific Gravity/Density: 1.252 g/cm³

Molecular Formula: C₁₆H₁₀

Molecular Weight: 202.25

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, strong oxidants.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, acrid smoke and fumes.

Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information

RTECS#:

CAS# 206-44-0: LL4025000

LD50/LC50:

CAS# 206-44-0:

Oral, rat: LD50 = 2 gm/kg;

Skin, rabbit: LD50 = 3180 mg/kg;

Carcinogenicity:

CAS# 206-44-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: IARC Group 3: Limited or insufficient evidence for carcinogenicity in both animals and humans. Experimental tumorigenic data has been reported.

Teratogenicity: No information found

Reproductive Effects: No information found

Mutagenicity: Mutation in microorganisms: Salmonella typhimurium = 5ug/plate. Mutation in mammalian somatic cells: Human Lymphocyte = 2 umol/L.

Neurotoxicity: No information found

Other Studies:

Section 12 - Ecological Information

Ecotoxicity: Fish: Bluegill/Sunfish: 3980 um/L; 96 H; (not specified) No data available.

Environmental: Remains in the upper few cm of soil, but can be transported to groundwater. Biodegrades from soil in a few years. Will not volatilize from soil or water. Rapidly absorbed to sediment and particulates and will readily bioconcentrate. Unadsorbed substance in water will degrade by photolysis in a days to weeks. Stable in sediment for decades or more. In the atmosphere, photodegrades with half life of 4 - 5 days, but may transport long distances without settling or raining out.

Physical: No information available.

Other: No information available.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series:

CAS# 206-44-0: waste number U120.

Section 14 - Transport Information

	US DOT	Canada TDG
Shipping Name:	Not regulated as a hazardous material	No information available.
Hazard Class:		
UN Number:		
Packing Group:		

Section 15 - Regulatory Information

US FEDERAL

TSCA

CAS# 206-44-0 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

CAS# 206-44-0: 100 lb final RQ; 45.4 kg final RQ

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

SARA Codes

CAS # 206-44-0: immediate.

Section 313

This material contains Fluoranthene (CAS# 206-44-0, 98%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

CAS# 206-44-0 is listed as a Priority Pollutant under the Clean Water Act. CAS# 206-44-0 is listed as a Toxic Pollutant under the Clean Water Act.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

CAS# 206-44-0 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Massachusetts.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

XN

Risk Phrases:

R 21/22 Harmful in contact with skin and if swallowed.

Safety Phrases:

S 22 Do not breathe dust.

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 206-44-0: No information available.

Canada - DSL/NDSL

CAS# 206-44-0 is listed on Canada's NDSL List.

Canada - WHMIS

This product has a WHMIS classification of D2B.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List

CAS# 206-44-0 is listed on the Canadian Ingredient Disclosure List.

Section 16 - Additional Information
--

MSDS Creation Date: 9/02/1997

Revision #5 Date: 10/03/2005

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Fisher be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.

MSDS Number: L2347 * * * * * Effective Date: 08/10/04 * * * * * Supercedes: 11/02/01

MSDS **Material Safety Data Sheet**

From: Mallinckrodt Baker, Inc.
222 Red School Lane
Phillipsburg, NJ 08865



24 Hour Emergency Telephone: 608-530-2151
CHEMTREC: 1-800-424-9300

National Response in Canada
CANUTEC: 613-495-4666

Outside U.S. and Canada
Chemtrec: 703-527-3887

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

All non-emergency questions should be directed to Customer Service (1-800-582-2537) for assistance.

LEAD METAL

1. Product Identification

Synonyms: Granular lead, pigment metal; C.I. 77575

CAS No.: 7439-92-1

Molecular Weight: 207.19

Chemical Formula: Pb

Product Codes:

J.T. Baker: 2256, 2266

Mallinckrodt: 5668

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Lead	7439-92-1	95 - 100%	Yes

3. Hazards Identification

Emergency Overview

POISON! DANGER! MAY BE FATAL IF SWALLOWED OR INHALED. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. NEUROTOXIN. AFFECTS THE GUM TISSUE, CENTRAL NERVOUS SYSTEM, KIDNEYS, BLOOD AND REPRODUCTIVE SYSTEM. POSSIBLE CANCER HAZARD. MAY CAUSE CANCER BASED ON ANIMAL DATA. Risk of cancer depends on duration and level of exposure.

J.T. Baker SAF-T-DATA^(tm) Ratings (Provided here for your convenience)

Health Rating: 3 - Severe (Life)

Flammability Rating: 0 - None

Reactivity Rating: 0 - None

Contact Rating: 1 - Slight

Lab Protective Equip: GOGGLES; LAB COAT; PROPER GLOVES

Storage Color Code: Blue (Health)

Potential Health Effects

Inhalation:

Lead can be absorbed through the respiratory system. Local irritation of bronchia and lungs can occur and, in cases of acute exposure, symptoms such as metallic taste, chest and abdominal pain, and increased lead blood levels may follow. See also Ingestion.

Ingestion:

POISON! The symptoms of lead poisoning include abdominal pain and spasms, nausea, vomiting, headache. Acute poisoning can lead to muscle weakness, "lead line" on the gums, metallic taste, definite loss of appetite, insomnia, dizziness, high lead levels in blood and urine with shock, coma and death in extreme cases.

Skin Contact:

Lead and lead compounds may be absorbed through the skin on prolonged exposure; the symptoms of lead poisoning described for ingestion exposure may occur. Contact over short periods may cause local irritation, redness and pain.

Eye Contact:

Absorption can occur through eye tissues but the more common hazards are local irritation or abrasion.

Chronic Exposure:

Lead is a cumulative poison and exposure even to small amounts can raise the body's content to toxic levels. The symptoms of chronic exposure are like those of ingestion poisoning; restlessness, irritability, visual disturbances, hypertension and gray facial color may also be noted.

Aggravation of Pre-existing Conditions:

Persons with pre-existing kidney, nerve or circulatory disorders or with skin or eye problems may be more susceptible to the effects of this substance.

4. First Aid Measures

International Chemical Safety Cards

BENZO(K)FLUORANTHENE

ICSC: 0721

BENZO(K)FLUOROANTHENE 11,12-Benzofluoroanthene Dibenzo(b,j,k)fluorene $C_{20}H_{12}$ Molecular mass: 252.3 CAS # 207-08-9 RTECS # DF6350000 ICSC # 0721			
TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Water spray, powder.
EXPLOSION			
EXPOSURE		PREVENT DISPERSION OF DUST! STRICT HYGIENE! AVOID ALL CONTACT!	IN ALL CASES CONSULT A DOCTOR!
• INHALATION		Local exhaust or breathing protection.	Fresh air, rest. Refer for medical attention.
• SKIN	MAY BE ABSORBED!	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention. Wear protective gloves when administering first aid.
• EYES		Safety goggles or eye protection in combination with breathing protection if powder.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
• INGESTION		Do not eat, drink, or smoke during work.	Wear protective gloves when inducing vomiting. Induce vomiting (ONLY IN CONSCIOUS PERSONS!). Refer for medical attention.
SPILLAGE DISPOSAL		STORAGE	PACKAGING & LABELLING
Sweep spilled substance into containers. Carefully collect remainder, then remove to safe place. Do NOT let this chemical enter the environment.		Provision to contain effluent from fire extinguishing. Separated from strong oxidants. Tightly closed.	
SEE IMPORTANT INFORMATION ON BACK			
ICSC: 0721		Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities © IPCS CEC 1993	

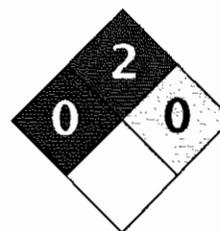
International Chemical Safety Cards

BENZO(K)FLUORANTHENE

ICSC: 0721

I M P O R T A N T D A T A	<p>PHYSICAL STATE; APPEARANCE: YELLOW CRYSTALS.</p> <p>PHYSICAL DANGERS:</p> <p>CHEMICAL DANGERS: Upon heating, toxic fumes are formed. Reacts with strong oxidants.</p> <p>OCCUPATIONAL EXPOSURE LIMITS (OELs): TLV not established.</p>	<p>ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation of its aerosol and through the skin.</p> <p>INHALATION RISK: Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly.</p> <p>EFFECTS OF SHORT-TERM EXPOSURE:</p> <p>EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: This substance is possibly carcinogenic to humans.</p>		
PHYSICAL PROPERTIES	<p>Boiling point: 480°C Melting point: 215.7°C</p>	<p>Solubility in water: none Octanol/water partition coefficient as log Pow: 6.84</p>		
ENVIRONMENTAL DATA	<p>This substance may be hazardous to the environment; special attention should be given to the total environment. In the food chain important to humans, bioaccumulation takes place, specifically in oils and fats.</p>			
NOTES				
<p>Data are insufficiently available on the effect of this substance on human health, therefore utmost care must be taken. Do NOT take working clothes home.</p>				
ADDITIONAL INFORMATION				
<table border="1" style="width: 100%; height: 20px;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>				
ICSC: 0721		BENZO(K)FLUORANTHENE		
© IPCS, CEC, 1993				

IMPORTANT LEGAL NOTICE:	<p>Neither the CEC or the IPCS nor any person acting on behalf of the CEC or the IPCS is responsible for the use which might be made of this information. This card contains the collective views of the IPCS Peer Review Committee and may not reflect in all cases all the detailed requirements included in national legislation on the subject. The user should verify compliance of the cards with the relevant legislation in the country of use.</p>
--------------------------------	---



Health	0
Fire	2
Reactivity	0
Personal Protection	H

Material Safety Data Sheet Mesitylene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Mesitylene

Catalog Codes: SLM2410

CAS#: 108-67-8

RTECS: OX6825000

TSCA: TSCA 8(b) inventory: Mesitylene

CI#: Not available.

Synonym: 1,3,5-Trimethylbenzene

Chemical Formula: C9H12

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Mesitylene	108-67-8	100

Toxicological Data on Ingredients: Mesitylene: VAPOR (LC50): Acute: 4881.9 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of eye contact (irritant), of ingestion, of inhalation (lung irritant). Slightly hazardous in case of skin contact (irritant, permeator), .

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes,

keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-ignition Temperature: 559°C (1038.2°F)

Flash Points: CLOSED CUP: 43°C (109.4°F).

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

Flammable liquid, soluble or dispersed in water.

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Flammable liquid.

Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Be careful that the product is not present at a

concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.

Storage:

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. Keep container dry. Keep in a cool place.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 25 CEIL: 35 (ppm)

TWA: 125 CEIL: 170 (mg/m³)

Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Aromatic.

Taste: Not available.

Molecular Weight: 120.2 g/mole

Color: Not available.

pH (1% soln/water): Not available.

Boiling Point: 164.7°C (328.5°F)

Melting Point: -44.8°C (-48.6°F)

Critical Temperature: Not available.

Specific Gravity: 0.8637 (Water = 1)

Vapor Pressure: 1.86 mm of Hg (@ 20°C)

Vapor Density: 4.14 (Air = 1)

Volatility: Not available.

Odor Threshold: 0.23 ppm

Water/Oil Dist. Coeff.: The product is equally soluble in oil and water; $\log(\text{oil/water}) = 0$

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Ingestion.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE.

Acute toxicity of the vapor (LC50): 4881.9 ppm 4 hour(s) [Rat].

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:

Hazardous in case of ingestion, of inhalation (lung irritant).

Slightly hazardous in case of skin contact (irritant, permeator), .

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Class 3: Flammable liquid.

Identification: : 1,3,5-Trimethylbenzene : UN2325 PG: III

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information**Federal and State Regulations:**

Florida: Mesitylene

New Jersey: Mesitylene

TSCA 8(b) inventory: Mesitylene

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:**WHMIS (Canada):**

CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).

DSCL (EEC):

R10- Flammable.

R36/37- Irritating to eyes and respiratory system.

HMIS (U.S.A.):

Health Hazard: 0

Fire Hazard: 2

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 0

Flammability: 2

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves.

Lab coat.

Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/09/2005 06:06 PM

Last Updated: 10/09/2005 06:06 PM

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.

International Chemical Safety Cards

BENZO(B)FLUORANTHENE

ICSC: 0720

BENZO(B)FLUORANTHENE Benzo(e)acephenanthrylene 2,3-Benzofluoroanthene $C_{20}H_{12}$ Molecular mass: 252.3
CAS # 205-99-2 RTECS # CU1400000 ICSC # 0720

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Water spray, powder.
EXPLOSION			
EXPOSURE		PREVENT DISPERSION OF DUST! STRICT HYGIENE! AVOID ALL CONTACT!	IN ALL CASES CONSULT A DOCTOR!
• INHALATION		Local exhaust or breathing protection.	Fresh air, rest.
• SKIN	MAY BE ABSORBED!	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention. Wear protective gloves when administering first aid.
• EYES		Safety goggles or eye protection in combination with breathing protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
• INGESTION		Do not eat, drink, or smoke during work.	Wear protective gloves when inducing vomiting. Induce vomiting (ONLY IN CONSCIOUS PERSONS!). Refer for medical attention.

SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING
Sweep spilled substance into containers. Carefully collect remainder, then remove to safe place. Do NOT let this chemical enter the environment.	Provision to contain effluent from fire extinguishing. Tightly closed.	Unbreakable packaging; put breakable packaging into closed unbreakable container.

SEE IMPORTANT INFORMATION ON BACK

ICSC: 0720

Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities © IPCS CEC 1993

International Chemical Safety Cards

BENZO(B)FLUORANTHENE

ICSC: 0720

I M P O R T A N T D A T A	PHYSICAL STATE; APPEARANCE: COLOURLESS TO YELLOW CRYSTALS.	ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation of its aerosol and through the skin.
	PHYSICAL DANGERS:	INHALATION RISK: Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly.
	CHEMICAL DANGERS: Upon heating, toxic fumes are formed.	EFFECTS OF SHORT-TERM EXPOSURE:
	OCCUPATIONAL EXPOSURE LIMITS (OELs): TLV not established.	EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: This substance is possibly carcinogenic to humans.
PHYSICAL PROPERTIES	Melting point: 168°C Solubility in water: none	Vapour pressure, Pa at 20°C: <10 Octanol/water partition coefficient as log Pow: 6.04
ENVIRONMENTAL DATA	This substance may be hazardous to the environment; special attention should be given to the total environment. In the food chain important to humans, bioaccumulation takes place, specifically in oils and fats.	
NOTES		
Depending on the degree of exposure, periodic medical examination is indicated. Data are insufficiently available on the effect of this substance on human health, therefore utmost care must be taken. Do NOT take working clothes home.		
ADDITIONAL INFORMATION		
ICSC: 0720		BENZO(B)FLUORANTHENE
© IPCS, CEC, 1993		

IMPORTANT LEGAL NOTICE:	Neither the CEC or the IPCS nor any person acting on behalf of the CEC or the IPCS is responsible for the use which might be made of this information. This card contains the collective views of the IPCS Peer Review Committee and may not reflect in all cases all the detailed requirements included in national legislation on the subject. The user should verify compliance of the cards with the relevant legislation in the country of use.
--------------------------------	--

APPENDIX 7
Personnel Qualifications
[\(Return to Section 7\)](#)

Brian S. Ricker

Education:	BA Geological Sciences, Lehigh University, 1994
Licenses/Registrations	NJDEP Subsurface Evaluation Certification, 1999 New York State, Asbestos Inspector, 2009
Years of Experience:	15+

Summary of Professional experience

Mr. Ricker has more than 15 years experience as a real estate due diligence consultant. He has conducted Phase I and II Environmental Site Assessments (ESAs) and Property Condition Assessments (PCAs) on a wide range of commercial and multifamily properties throughout the northeast. He has conducted these assessments in accordance with the applicable ASTM Standards and Guidelines, United States Environmental Protection Agency (EPA) All Appropriate Inquiry rules, Fannie Mae DUS Guidelines, Freddie Mac Seller/Service Guide, and various client specific scopes of work. Mr. Ricker has also conducted corridor studies and pre-acquisition surveys in conjunction with municipal planners in support of local redevelopment efforts.

Mr. Ricker's environmental background includes a detailed understanding of the risks associated with hazardous and regulated materials storage, use generation, and disposal, aboveground and underground storage tanks (ASTs and USTs), polychlorinated biphenyls (PCBs), asbestos-containing materials (ACM), lead-based paint (LBP), mold, and radon. Mr. Ricker has managed UST removals and groundwater investigations for multiple retail petroleum sites in Pennsylvania and New Jersey. In addition, he has managed projects in partnership with the NJDEP utilizing the Technical Requirements for Site Remediation for projects initiated under the Industrial Site Recovery Act (ISRA). Work performed relative to these regulatory programs includes site investigations, remedial investigations, and remedial action design and implementation. His field experience includes soil boring and well installation, tank closure, soil and ground water sampling, slug and pump testing, pilot testing and supervision of the installation of soil and groundwater remediation systems.

Mr. Ricker's property condition background includes assessing site improvements; building structures and envelopes; and mechanical, electrical, and plumbing systems for evidence of deferred maintenance or problematic or deleterious materials. Mr. Ricker has been responsible for estimating Immediate Needs Reserves as well as On-Goring Capital Reserves needed to maintain a property based on his direct observations and interviews with personnel familiar with the property.

Aaron Klenke

Education:	B.S., Resource & Environmental Studies Southwest Texas State University, 1995
Licenses/Registrations	- Texas Department of State Health Services Licensed Individual Asbestos Consultant - Texas Department of State Health Services Licensed Mold Assessment Consultant - Texas Department of State Health Services Certified Lead Risk Assessor
Years of Experience:	17 years

Summary of Professional experience

Mr. Klenke has over 17 years of consulting experience in the environmental and property condition industry in the United States and portions of Canada. He has conducted Environmental Site Assessments (ESAs) and Property Condition Assessments (PCAs) for a wide range of local and national clients, including banks, agency lenders, investment banks, life companies, law firms and property owners. The properties he has evaluated have included multifamily residential, retail, office, industrial and hospitality.

Mr. Klenke has provided hundreds of environmental site assessments in accordance with ASTM E1527, the USEPA All Appropriate Inquiry rules, Fannie Mae Delegated Underwriting Standards, Freddie Mac guidelines and other client specific scopes of work. His environmental background includes a detailed understanding of the risks associated with hazardous and regulated materials storage, use generation and disposal, above ground and underground storage tanks, polychlorinated biphenyls (PCBs), asbestos-containing materials (ACM), lead-based paint (LBP), mold and radon. Mr. Klenke has managed numerous subsurface investigations to assess the horizontal and vertical extent of soil and groundwater contamination and has provided industrial hygiene monitoring and oversight services to commercial and industrial clients during asbestos abatement and lead-based paint abatement.

Mr. Klenke has provided hundreds of property condition assessments in accordance with ASTM 2018, Fannie Mae Delegated Underwriting Standards, Freddie Mac guidelines and other client specific scopes of work. He is experienced in assessing site improvements, building structures and envelopes, and mechanical, electrical and plumbing systems for evidence of deferred maintenance or problematic or deleterious materials. He has been responsible for estimating Immediate Needs Reserves as well as On-Going Reserves need to maintain a property, based on his observations and interviews with personnel familiar with the property.



Land Use Application Record

Application Summary

Land Use Application ID: C 070314 ZMQ

Project Name:	THE JAMAICA PLAN			
Borough:	QUEENS			
CEQR #:	05DCP081Q			
Related Items:	070158 MMQ	070315 ZRQ	070316 HUQ	070317 HGQ
	070318 PPQ	070322 HDQ	130096 ZRQ	
CP/DCA/LPC Items:				
Location:				
Applicant:	DCP/JFK CENTER ASSOC LLC			
Applicant Rep.:				
Description: (Land Use)	ZO MAP CHANGE FOR APPROX 368 BLOCKS			
Community Districts:	Q08	Q12		
Zoning Resolution Sections:				
Zoning Maps:	14D			
Alteration Maps:				
Zoning Districts:				
CPC Action:	7/11/2007	WITHDRAWN		
City Council Action:				

Project Address/Geography

Land Use Application ID: C 070314 ZMQ

No geography or property addresses available for this Land Use application.

Milestones

Land Use Application ID: C 070314 ZMQ

CEQR #: 05DCP081Q

Milestones include Land Use application milestones as well as related CEQR application milestones. Some milestones may have links to related documents.

Milestone Date(s)	Milestone Detail
05/20/05	EAS (PDS) RECEIVED IN DEPT CITY PLANNING
05/20/05	CEQR DETERMINATION: POSITIVE DECLARATION ISSUED
01/05/07	CEQR: NOTICE OF COMPLETION DRAFT EIS (DEIS) ISSUED
02/05/07	PROPOSAL RECEIVED BY DEPT. OF CITY PLANNING
02/05/07	REVIEW SESSION SCHEDULED FOR
02/05/07	APPLICATION CERTIFIED
02/05/07	NOTICE OF CERTIFICATION TO COMM/BORO BOARDS, BORO PRES., CITY COUNCIL
02/14/07 - 04/16/07	60-DAY COMMUNITY BOARD REVIEW PERIOD
03/29/07	QUEENS COMMUNITY BOARD 08 RECOMMENDATION RECEIVED BY CALENDAR OFFICE
04/17/07 - 05/16/07	30-DAY BOROUGH PRESIDENT REVIEW PERIOD
04/18/07	CB PUBLIC HEARING NON-COMPLY/RECOMMENDATION RECVD AFTER CLOCK EXPIRED
04/18/07	QUEENS COMMUNITY BOARD 12 RECOMMENDATION RECEIVED BY CALENDAR OFFICE
04/30/07	CITY PLANNING PUBLIC MEETING SCHEDULED FOR
05/09/07	CITY PLANNING COMMISSION PUBLIC HEARING SCHEDULED/POSTED/NOTICE SENT
05/14/07	BOROUGH PRESIDENT ISSUES CONDITIONAL FAVORABLE RECOMMENDATION
05/14/07	BOROUGH PRESIDENT RECOMMENDATION RECEIVED
05/16/07	REVIEW SESSION SCHEDULED FOR
05/17/07 - 07/16/07	60-DAY CITY PLANNING COMMISSION REVIEW PERIOD
05/23/07	CITY PLANNING PUBLIC MEETING SCHEDULED FOR
06/18/07	REVIEW SESSION SCHEDULED FOR
06/29/07	CEQR: NOTICE OF COMPLETION FINAL EIS ISSUED
07/11/07	APPLICATION WITHDRAWN
07/11/07	CEQR TECHNICAL MEMO TO MODIFY APPLICATION RECEIVED BY DCP
07/11/07	CEQR: MINOR MODIFICATION NOTICE ISSUED ON REVISED APPLICATION
07/11/07	CITY PLANNING COMMISSION PROCESSING COMPLETED
07/11/07	APPLICATION COMPLETED/TERMINATED
08/03/07	CEQR TECHNICAL MEMO TO MODIFY APPLICATION RECEIVED BY DCP
08/03/07	CEQR: MINOR MODIFICATION NOTICE ISSUED ON REVISED APPLICATION
08/31/07	CEQR TECHNICAL MEMO TO MODIFY APPLICATION RECEIVED BY DCP
08/31/07	CEQR: MINOR MODIFICATION NOTICE ISSUED ON REVISED APPLICATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**178-02/20/36 Hillside Avenue
Jamaica, New York**

May 13, 2008



prepared for
Eagle Realty LLC
175-61 Hillside Avenue; Suite 400
Queens, New York 11432

Giorgio Engineering International, P.C.
98 Rose Avenue
Staten Island, New York 10306
(718) 667-8500

TABLE OF CONTENTS

	EXECUTIVE SUMMARY	PAGE
1.0	INTRODUCTION AND BACKGROUND	1
2.0	SITE DESCRIPTION	2
2.1	Location and Current Use	
2.2	Site and Area Features	
2.3	Abutters and Near-by Properties	
2.4	Topography, Surface Water Bodies and Drainage	
3.0	GEOLOGY/HYDROLOGIC CONDITIONS	4
4.0	HISTORICAL INFORMATION	5
4.1	Historical Sources Used	
4.2	Site and Area Description Chain of Use	
5.0	SITE RECONNAISSANCE	6
5.1	Description of Site Process	
5.2	Hazardous Substances Usage/Storage	
5.3	Petroleum Products Usage/Storage	
5.4	Underground and Aboveground Storage Tanks	
5.5	Drums, Containers	
5.6	PCBs Usage	
5.7	Stains, Corrosion, Stained Vegetation	
5.8	Solid Waste Disposal	
5.9	Waste Water	
5.10	Wells	
5.11	Sewage Disposal Systems	
5.12	Drains and Sumps	
5.13	Pits, Ponds and Lagoons	
5.14	Asbestos	
5.15	Lead Paint	
5.16	Lead in Drinking Water	
5.17	Radon	
5.18	Mold	
5.19	Other Issues of Concern	
6.0	REGULATORY INFORMATION	12
6.1	NPL Sites	
6.2	Delisted NPL Sites	
6.3	CERCLIS Sites	
6.4	CERCLIS - NFRAP	
6.5	RCRA TSD Facilities	



6.6	RCRA Generators	
6.7	RCRA Corrective Action Sites	
6.8	ERNS	
6.9	State Hazardous Waste Sites	
6.10	State Landfill/Solid Waste Disposal Sites	
6.11	Leaking Underground Storage Tanks	
6.12	Underground and Aboveground Storage Tank Sites	
6.13	Local Waste Sites	
6.14	Tribal Database Search	
7.0	INTERVIEWS	16
7.1	Present Owner/Operators	
7.2	Previous Owner/Operators	
7.3	Government Officials	
8.0	DATA GAPS AND EXPLANATION	17
9.0	PREVIOUS ENVIRONMENTAL SITE INSPECTION	18
10.0	FINDINGS AND CONCLUSIONS	19
10.1	Findings and Recommendations	
10.2	Estimated Cost of Remediation	
11.0	REFERENCES	20
12.0	DISCLAIMER and SIGNATURE PAGE	21

ATTACHMENTS

- ❖ Qualification Information
- ❖ Deed History
- ❖ Aerial Photographs
- ❖ Site Photographs
- ❖ Property Overview Profile
- ❖ User Questionnaire
- ❖ Power Company PCB Report
- ❖ Government Search
- ❖ Little "E" Designation Information
- ❖ Environmental Data
- ❖ Sanborn Maps





Giorgio Engineering International, P.C.

CONSULTING AND ENVIRONMENTAL ENGINEERS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

***178-02/20/36 Hillside Avenue
Jamaica, New York***

EXECUTIVE SUMMARY

The site is located in the Borough of Queens. Two (2) floors of vacant commercial spaces and a commercial parking lot are located on the site. The site is surrounded by other residential and commercial buildings. Inspection of the building/ site did not reveal evidence of storage and use of hazardous materials. No damaged, friable asbestos containing, thermal system insulation was noted. Search documents do not disclose environmental violations.

Based upon site investigations and search documentation as described in this Assessment, the following is recommended.

- Removal of several 5-gallon containers of waste oil.
- Acquire DEP approval to remove Little "E" designation prior to any new construction.

Based upon the recommendation made above, the following is an estimate of the cost of remediation:

- Removal of containers of waste oil \$2,000.00
- Removal of Little "E" Designation \$40,000.00

May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

1.0 INTRODUCTION AND BACKGROUND

Phase I site investigations are intended to provide a preliminary characterization of recognized hazardous substances and hazardous wastes from a past release, a present release or a potential release and their potential impact (if any). Additionally, the aim to identify pathways by which pollutants migrate from the original site of disposal, to determine what human population as well as biota and other natural resources might be affected by these pollutants, to observe how the disposal area was used or operated, and to gather information regarding who might be responsible for environmental conditions and/or wastes at the site. The inspection also involves research into the past use, history of the site, which includes reviewing government agencies reports, permits and violations. A walk through of the property and an interview with the owner or occupant of the property is mandatory.

Preliminary data and evaluations from Phase I investigations are then used to determine what actions, if any, should next be undertaken at the site.

Giorgio Engineering International, P.C., is familiar with applicable federal, state and local environmental laws and ordinances affecting this site.

This Phase I Environmental Site Assessment has been performed in conformance with the scope and limitations of ASTM Practice E1527-05. Any exceptions to, or deletions from, this practice have been noted as follows:

- No Exceptions



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

2.0 SITE DESCRIPTION

2.1 *Location and Current Use*

The site is a block wide and located on the south side of Hillside Avenue between One Hundred Seventy Eighth and One Hundred Seventy Ninth Streets. It is commercial in use with a two (2) story vacant building with a cellar located on the southwest corner of the property. The rest of the property is used as a commercial parking lot. There are several vacant commercial spaces, a commercial licensed parking lot with a capacity of one hundred forty-nine (149) cars, no medical offices and no car garage. At the time of inspection the commercial spaces were occupied as follows:

Commercial parking lot

Vacant stores

In Jamaica, Queens, the property is designated as Block 9913, Lots 25, 35 and 41.

A copy of the Certificate of Occupancy for the parking lot is included in the Attachments. The Certificate of Occupancy is consistent with the "as inspected" condition.

A copy of the Public Access Property Profile Overview is included in the Attachments. This document does not indicate significant environmental issues of concern.

2.2 *Site and Area Features*

The site is located in a residential and commercial area. All areas around the site are fully developed. The site is surrounded by other buildings, roads, sidewalks, and parking lots.

2.3 *Abutters and Near-by Properties*

Abutting the site are residential buildings on the south. There are no gasoline stations or similar types of properties that could influence the environmental stability of the site. Adjacent properties are identified as follows:



May 13, 2008

178-02/20/36 Hillside Avenue
Jamaica, New York

Phase I Environmental Assessment

Direction	Adjacent Properties
North	Hillside Avenue – eight (8) story commercial and residential buildings.
South	Two (2) and three (3) story residential buildings.
East	179 th Street – a one (1) story commercial building (Burger King)
West	178 th Street – two (2) story residential dwellings and a six (6) story residential apartment.

2.4 Topography, Surface Water Bodies and Drainage

A Current USGS 7.5 Minute Topographic Map showing the site area has been reviewed. The Subject property is located on relatively flat land. Based on maps obtained from the U.S. Geological Survey (7.5 Minute Topographic Map), the elevation of the Subject property is approximately 67 feet. A topographic map is provided in the Attachments.

Soils are natural, three-dimensional bodies at the earth's surface. They formed through the interaction of five major factors parent material, relief, climate, plant and animal life, and time. The relative influence of each of these factors modifies the effect of the others. In places one factor may dominate and determine most of a soil's properties. Typically, broad areas consist of one or more major soils and some minor soils. Soils making up one unit can occur in another, but in a different pattern. The soil in this region of Queens County dominantly urban land and nearly level to sloping areas covered by buildings, roads, sidewalks and parking lots.

2.5 Utilities

Electrical service to the site is provided by Consolidated Edison Company of New York. Natural gas is provided by Keyspan Energy System.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

3.0 GEOLOGY/HYDROLOGIC CONDITIONS

The surficial geology of the Subject property is characterized as bedrock. A map of the Jamaica region is accompanied by a legend providing an additional description of the deposits which underlie the site.

BEDROCK

Here the bedrock is a questionable character and of an extremely complex, undifferentiated mixture of gneisses, schists, and amphibolites. This region is underlain by loose gravel, sand, clay and marl deposits rather than consolidated rock. Particularly in the Brooklyn, Queens, and Long Island glacial deposits cover Cretaceous sand and gravels.



May 13, 2008

178-02/20/36 Hillside Avenue
Jamaica, New York

Phase I Environmental Assessment

4.0 HISTORICAL INFORMATION

4.1 *Historical Sources Used*

Sanborn maps provide a historical perspective of the use of the site and the properties immediately surrounding the site. Historical uses are identified as follows:

Year	Source	Subject Property	Adjacent Property
1926	Sanborn Map	Vacant lots	N – Hillside Avenue – no information available S – two (2) story residential dwellings. E – 179 th Street – two (2) story commercial buildings W – 178 th Street – two (2) story residential dwelling.
1951	Sanborn Map	Nine, two (2) story commercial stores on the southwest corner and a vacant lot	N – Hillside Avenue – eight (8) story commercial building S,E,W – as 1926
1981	Sanborn Map	Two (2) story commercial building and expanded vacant lot	N,S,W – as 1951 E – 179 th Street – one (1) story commercial
1986	Sanborn Map	As 1981	As 1981
1996	Sanborn Map	As 1986	As 1986

4.2 *Site and Area Description Chain of Use*

A 50-year deed search has been made of the property. Recent deed history is attached.

No other deed history was available prior to 1966.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

5.0 SITE RECONNAISSANCE

5.1 *Description of Site Process*

The site is presently being used for commercial use. No medical care facility, doctor's office, dentist's office or laboratory was located on the site. There is good reason to believe that no bio-hazardous waste was being generated on the site.

5.2 *Hazardous Substances Usage/Storage*

No refrigerant, lubricant (machine oil), algicide and cleaning products are not stored and used regularly in the building/on the site. These are hazardous materials but commonly used as institutional chemicals. These materials are stored in either 55 gallon drums or 5 gallon containers. No stained or improperly disposed materials were observed.

5.3 *Petroleum Products Usage/Storage*

The building is vacant and was previously heated by an oil fired heating system. Fuel was stored in one aboveground 1,000 gallon storage tank located in the cellar. The tank was not leaking at the time of inspection. The site does not have a Petroleum Bulk Storage tank registered with the New York State Department of Environmental Conservation.

There is no emergency electric system. No fuel storage tanks associated with this type of equipment are located at the site.

There are no gasoline storage tanks in the garage.

5.4 *Underground and Aboveground Storage Tanks*

There are no buried storage tanks on the site.

5.5 *Drums, Containers*

Other than those identified in 5.2, there are several 5-gallon containers of used motor oil on the site. The material should be disposed according to the local, state and Federal laws.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

5.6 PCBs Usage

Polychlorinated Biphenyls (PCBs) were widely used in electrical equipment until the EPA banned manufacture of PCBs in 1979. Transformers often contain dielectric liquid for the primary purpose of increasing resistance of the unit to arcing and acting as a heat transfer media, helping cool the coils. The majority of transformers are filled with mineral oil, but a small percentage of these liquid-filled transformers contain PCB Askarel coolant liquid. The term "Askarel" is a generic term used to a group of nonflammable synthetic chlorinated hydrocarbons. All types of Askarels sold prior to 1979 contained 60 to 100 percent PCBs and are generally used in hazardous locations where flammability is of concern.

There are three EPA categories of transformers:

- a. PCB Transformers: Any transformer containing 500 ppm PCBs or greater.
- b. PCB-Contaminated Transformer: Any transformer containing 40-499 ppm PCBs. These transformers are not subject to parts of the regulations such as marking requirements or, if drained of liquid, to the disposal requirements. Any liquid drained from these transformers must be stored and disposed of in accordance with the regulations.
- c. Non-PCB Transformer: Any transformer containing less than 50 ppm PCBs.

A letter from the Power Company is provided as an attachment to further clarify the status of its transformers.

5.7 Stains, Corrosion, Stained Vegetation

All areas outside the building appeared to be well maintained. At the time of inspection, there was no evidence that hazardous chemicals or petroleum products were stored outside the building. Strong, pungent or noxious odors were not identified. Stains or chemical leaks were not noticeable anywhere outside the building. Surrounding areas (establishments and hazardous facilities within a 1/4 mile perimeter) were also evaluated for any obvious waste or hazardous materials which might affect the subsurface quality (soil and/or groundwater quality) of the subject property. No interactions with surrounding areas were found to be environmentally harmful to this property. To the extent visually or physically observed, stressed vegetation was not found.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

5.8 Solid Waste Disposal

Waste from the commercial spaces is carted by private haulers.

5.9 Waste water

Waste water from the building is collected in the sewer system maintained by the City of New York.

5.10 Wells

The building is provided with drinking water from the New York City Municipal System.

There have never been, nor were there any at the time of inspection, any monitoring wells, or groundwater supply wells on the site.

5.11 Sewage Disposal Systems

Sewage from the building is collected in the sewer system maintained by the City of New York.

5.12 Drains and Sumps

Storm water drains are collected in the sewer system maintained by the City of New York. There are no sumps on the site.

5.13 Pits, Ponds and Lagoons

There are no pits, ponds or lagoons on the site.

5.14 Asbestos

All accessible areas of the building were inspected including the cellar and roof.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

The Environmental Protection Agency identifies three categories of asbestos-containing material, (ACM), used in building:

- Surfacing Materials--ACM sprayed or troweled on surfaces (walls, ceilings, structural members) for acoustical, decorative, or fireproofing purposes. This includes plaster and fireproofing insulation.
- Thermal System Insulation--Insulation used to inhibit heat transfer or prevent condensation on pipes, boiler, tanks, ducts, and various other components of hot and cold water systems and heating, ventilation, and air conditioning (HVAC) systems. This includes pipe lagging, pipe wrap; block, batt, and blanket insulation; cements and "muds"; and a variety of other products such as gaskets and ropes.
- Miscellaneous Materials--Other, largely nonfriable products and materials such as floor tile, ceiling tile, roofing felt, concrete pipe, outdoor siding, and fabrics.

The inspection revealed the following:

- No Surfacing Material was used as a building material.
- No damaged, friable asbestos containing Thermal System Insulation was found at the site.
- No Miscellaneous Materials were found to be in a friable condition.

Asbestos containing materials were removed in 2001.

5.15 Lead Paint

Lead based paint is commonly found in a building of this age. No apparent peeling or cracking on painted surface was observed during this inspection. The presence of lead-based paint in the building can be determined only by testing.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

5.16 Lead In Drinking Water

Drinking water for this building is provided by the municipal system of the City of New York. Regular and frequent drinking water analysis is performed by the Department of Health to monitor levels of lead in the drinking water. Drinking water can be contaminated with lead from the distribution piping system. An exact determination of lead levels in the drinking water at a particular fixture can only be determined by analysis.

5.17 Radon

Radon is a radioactive gas that is found in the earth's crust and seeps into buildings from the surrounding soil and sometimes, contaminated well water. Radon is formed by the natural breakdown of radium, a radioactive product of decaying uranium. As radon decays, it creates "progeny" or daughters which, if inhaled, can damage the lung and eventually lead to lung cancer. Typically, the annual average indoor radon level nationwide is 1.5 pCi/liter of air and outdoor radon levels are less than 0.4 pCi/liter. The EPA's recommended action guideline level is 4 pCi/liter on a yearly average.

Regional area information related to radon activity is available by zip code for the New York City and State region from the New York State Department of Health. The Subject property lies in a region, where typical levels are 0.620 pCi/l. While a locality's geology may indicate a potential radon problem, the only way to determine if there is a problem in a specific structure is by measuring radon levels.

5.18 Mold

Mold can produce compounds that become airborne along with the mold spores. A toxic substance called mycotoxin and other substances may be found within spores. Mold growth can originate where there is high humidity, mild temperature and an organic surface to grow on. Excessive mold growth in a building could become an indoor air quality problem, even though the environmental hazard is not encompassed by CERCLA's appropriate inquiry responsibilities, accessible areas of the building were inspected during the site visit. No areas of mold growth or conditions for mold growth were observed.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

5.19 Other Issues of Concern

Generally, formaldehyde and other hazards are commonly found in this type of building. Formaldehyde may be emitted from certain types of foam insulation. This type of wall insulation was not observed in the building. According to the Building Superintendent, no record of eye irritation or odor complaint was noticed by the personnel or tenants in the building.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

6.0 REGULATORY INFORMATION

The following tables contains a review of Federal, State, local and tribal records pertaining to past or present potential Recognized Environmental Conditions (REC) at the subject property and the surrounding areas. The information is based on a computerized database provided by Environmental Data Resources, Inc. The approximate search distance from the subject property is in accordance with ASTM E1527-05.

6.1 *NPL Sites*

The National Priorities List (Superfund Sites) contains sites identified for possible long term remedial action.

6.2 *Delisted NPL Sites*

The National Priority List (Superfund Sites) Deletions

6.3 *CERCLIS Sites*

The Comprehensive Environmental Response, Compensations, and Liability Information System is a database which contains information on hazardous waste disposal sites that have either been listed by the EPA on the NPL or nominated for consideration to the NPL.

6.4 *CERCLIS – NFRAP*

The Comprehensive Environmental Response, Compensations, and Liability Information System – No Further Remediation Action Planned

6.5 *RCRA TSD Facilities*

Treatment, Storage and/or Disposal Facilities (TSD) regulated under the Resource Conservation and Recovery Act (RCRA) are maintained on this database.

6.6 *RCRA Generators*

Generation of hazardous waste regulated under the Resource Conservation and Recovery Act (RCRA) is maintained on this database.



May 13, 2008

178-02/20/36 Hillside Avenue
Jamaica, New York

Phase I Environmental Assessment

6.7 RCRA Corrective Action Sites

Corrective Action sites regulated under the Resource Conservation and Recovery Act (RCRA) are maintained on this database.

6.8 ERNS

The Emergency Response Network System (ERNS) maintains information on reported releases of oil and hazardous substances.

Federal Database Search	Subject Property	Radius mile	Sites	Comments
NPL	No	1.0	0	
Delisted NPL	No	1.0	0	
CERCLIS	No	0.5	0	
CERC-NFRAP	No	0.5	1	The site listed does not represent significant environmental conditions.
RCRA TSD	No	0.5	0	
RCRA Large Generators	No	0.25	0	
RCRA Small Generators	No	0.25	4	Any sites listed do not represent significant environmental conditions.
CORRACTS	No	1.0	1	The site listed does not represent significant environmental conditions.
ERNS	No	Site	0	

6.9 State Hazardous Waste Sites

There are no active hazardous waste sites in New York State. A list of inactive hazardous waste sites are those planned for clean-up using state funds which may or may not be on the federal CERCLIS listed.

6.10 State Landfill/Solid Waste Disposal Sites

Locations of Landfills and Solid Waste Disposal Facilities are maintained by the State of New York.



May 13, 2008

178-02/20/36 Hillside Avenue
Jamaica, New York

Phase I Environmental Assessment

6.11 Leaking Underground Storage Tanks

Leaking Underground Storage Tank incidents are maintained on the SPILLS database.

6.12 Underground and Aboveground Storage Tank Sites

Storage Tanks registered with New York State are maintained on the PBS database.

6.13 Local Waste Sites

Local Waste Sites are identified in 6.8.

State & Local Database Search	Subject Property	Radius mile	Sites	Comments
State Hazardous Waste Sites	No	1.0	1	The site listed does not represent significant environmental conditions.
State Landfill	No	0.5	3	Any sites listed do not represent significant environmental conditions.
Leaking AST & UST Storage Tanks	No	0.5	35	Any sites listed do not represent significant environmental conditions.
UST (PBS)	No	0.25	23	Any sites listed do not represent significant environmental conditions.
CBS UST	No	0.25	0	
AST (PBS)	No	0.25	15	Any sites listed do not represent significant environmental conditions.
CBS AST	No	0.25	0	
SPILLS (PBS, CBS)	No	0.125	7	Any sites listed do not represent significant environmental conditions.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

6.14 Tribal Database Search

As part of record search, Environmental Protection Agency, EPA requires search and review of tribal data search for the subject and adjunct properties.

Tribal Database Search	Subject Property	Radius mile	Sites	Comments
Indian Reservation	No	1.0	0	
Indian LUST	No	0.5	0	
Indian UST	No	0.25	0	



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

7.0 INTERVIEWS

7.1 *Present Owners/Operators*

Naftali Beyt-Yaakob (Mahpour) performed the inspection of the site. He was accompanied by Mr. Nate Taylor the representative of the site owner with the occupancy duration of over ten (10) years. Responses from the interviews are documented as specific information in this Assessment.

7.2 *Previous Owners/Operators*

Naftali Beyt-Yaakob (Mahpour) was not able to perform interviews with the previous representative of the site owner. Responses from the interviews are documented as specific information in this Assessment.

7.3 *Government Officials*

7.3.1 *State Agency*

All state agency information was obtained from the database search.

7.3.2 *Department of Health*

All New York State Department of Health information was obtained from the database search.

7.3.3 *Fire Department*

New York City Fire Department information was obtained from available clerical personnel at the Violations Unit.

7.3.4 *Department of Buildings*

New York City Department of Buildings information was obtained from available personnel at the borough Municipal Building.



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

8.0 DATA GAPS AND EXPLANATION

Data gap may result from lack of information or inability to obtain such information required by ASTM E1527 - 05 in spite of **good faith** efforts by the **environmental professionals**. Data gap could be caused by many factors such as lack of historical maps, information, data failure, and inability to interview key site manager or regulatory officials. Data gap would become significant if according to the environmental professional's experience some specific activities on the target property or adjacent properties would lead to a Recognized Environmental Condition, REC.

The data gap for the target property is believed to be:

None



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

9.0 PREVIOUS ENVIRONMENTAL SITE INSPECTIONS

The following Phase I Environmental Site Assessments were performed by Giorgio Engineering International, P.C.

<u>Date</u>	<u>Findings</u>
October 12, 2001	None
December 9, 2004	None
August 21, 2006	Presence of several 5-gallon containers of waste oil at the site



May 13, 2008

**178-02/20/36 Hillside Avenue
Jamaica, New York**

Phase I Environmental Assessment

10.0 FINDINGS AND CONCLUSIONS

10.1 *Findings and Recommendations*

We have performed a Phase I Environmental site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of 2005 for 178-02/20/36 Hillside Avenue, Jamaica, New York. Any exceptions to, or deletions from, this practice are described in Section 1.00 of this Report. This Assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- Presence of several 5-gallon containers of waste oil in the parking lot.
- Little "E" designation on Lot 25 for potential Hazardous contamination. Acquire DEP approval prior to any new construction or disturbance of the potentially contaminated material.

10.2 *Estimated Cost of Remediation*

Based upon the recommendation made above, the following is an estimate of the cost of remediation:

- Removal of oil containers \$2,000.00
- DEP Approval \$40,000.00



May 13, 2008

178-02/20/36 Hillside Avenue
Jamaica, New York

Phase I Environmental Assessment

11. **REFERENCES**

New York State Department of Environmental Conservation, NYSDEC, Spill Incidents Database Search
<http://www.dec.state.ny.us/cfm/extapps/derfoil/index.cfm?pageid=2>

United States Environmental Protection Agency, USEPA National Priority List,
<http://www.epa.gov/superfund/sites/npl/npl.htm>

US Environmental Protection Agency, EPA Map of Radon Zones,
<http://www.epa.gov/radon/zonemap/newyork.htm>

New York State Department of Environmental Conservation, NYSDEC,
Environmental Site Remediation Database Search
<http://www.dec.state.ny.us/cfm/extapps/derfoil/index.cfm?pageid=3>

New York State Department of Environmental Conservation, NYSDEC, Inactive Hazardous Waste Disposal Site
<http://www.dec.state.ny.us/website/der/ihws/siteclassifications.html>

New York City – Fire Department, Public Records Unit / violations Section
Brooklyn, New York

New York City Building Department
<http://home2.nyc.gov/html/dob/html/home/home.shtml>

New York City Department of Environmental Protection – DEP Bureau of Air Resources Records Search Department, Corona, New York.

Environmental Data Resources, EDR, Inc. Environmental Risk Information Database. 440 Wheeler Farms Road, Milford, CT

Environmental Data Resources, EDR, Inc. City Directory Abstract. 440 Wheeler Farms Road, Milford, CT

Environmental Data Resources, Inc. (EDR), Sanborn Fire Insurance Maps. 440 Wheeler Farms Road, Milford, CT



May 13, 2008

178-02/20/36 Hillside Avenue
Jamaica, New York

Phase I Environmental Assessment

12.0 DISCLAIMER and SIGNATURE PAGE

In the performance of this Phase I Environmental Site Assessment, ASTM E 1527- 05, Giorgio Engineering International, P.C. warrants that the degree of skill and care required by customarily accepted good practices and procedures have been exercised. There may however, be unknown conditions that were not revealed by the site inspections and searches. As a result, the potential additional environmental hazards cannot be completely eliminated.

I declare that to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in section 312.10 of 40 CFR Part 312.

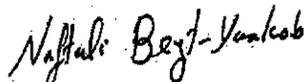
I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

I certify that the information provided in this Assessment is true and accurate to the best of my knowledge.

Site Inspection:

Date: May 9, 2008

Environmental Site Inspector:



Date: May 13, 2008

Naftali Beyt-Yaakob (Mahpour)

Environmental Professional:



Date: May 13, 2008

Ralph J. Giorgio, P.E.
NY PE Registration 052531

GIORGIO ENGINEERING INTERNATIONAL, P.C

RJG:js



APPENDIX C
HEALTH AND SAFETY PLAN



**Site Specific
Health and Safety Plan**

(To be used in conjunction with the Corporate Health and Safety Plan)

BACKGROUND INFORMATION

Site Name: Hillside Avenue

Site Address: 178-02/26 Hillside Avenue, Jamaica NY 11432

Site Nearest Phone: Liberty Field Staff Cell (J. Reber): 484-645-5432

Project Manager: James P. Cinelli, P.E., BCEE

Liberty Personnel On-Site: Joel Reber

Scope of Project: Excavation of two testpits in the area of the geophysical anomaly; collection of soil samples from testpits; determine the nature and approximate quantity of any liquids present in UST if identified; installation of six soil vapor sampling points; collection of six soil vapor samples and a duplicate.

HAZARD IDENTIFICATION

Site Physical Hazards (i.e. equipment, layout, temperature, etc.):

Utilities; traffic hazards; excavation equipment, drilling equipment; underground and overhead utilities; hot weather; vapors from possible contents of UST; and slips, trips, and falls.

Is a Dig One Call Required? Yes

If YES, Enter Serial #: 141541
Completed by J. Reber

Active Dig Dates: 06/09/2014 through 06/16/2014

Site Chemical Hazards (i.e. chemicals or compounds):

Polycyclic aromatic hydrocarbons (PAHs), and possibly petroleum hydrocarbon compounds, specifically leaded and unleaded gasoline

Primary Chemical(s) of Concern (list not inclusive):

PAHs, benzene, toluene, ethylbenzene, naphthalene, xylenes, cumene, MTBE, 1,2,4-TMB, 1,3,5-TMB, EDB, EDC, and lead (NIOSH Guide Data Sheet for each chemical is attached)

Will there be any confined space entry? No

(If YES, Confined Space Permit MUST be attached to this plan)

Routes of Potential Exposure (i.e. dermal, inhalation, ingestion):

Potential inhalation of volatile organic vapors and possible dermal contact with impacted soils and groundwater.

Monitoring Equipment: PID for use in screening soils and to check breathing zone conditions.

Level of Protection (PPE): Level D (modified) – May include: latex or nitrile gloves; hardhat; long-sleeved shirt and long pants; eye protection; hearing protection; work gloves; and safety boots.

Respiratory Protection: If ambient air in the breathing zone continuously exceeds 10 ppm, the site will be evaluated and engineering controls will be utilized; however, PPE requirements may be upgraded to level C.

Nearest Hospital: Queens Hospital Center
Phone: (718) 883-3000 (911 for Emergency)
(Attach Map) See Attached

Driving Directions to Hospital Emergency Room:

**Exit left onto Hillside Avenue / RT-25, toward Edgerton Blvd (0.2 mi).
Keep left to stay on Hillside Ave / RT-25 (0.4 mi). Turn right onto 168th St (0.6 mi). Turn left onto Grand Central Pkwy (0.2 mi). Turn right onto 164th Pl (335 ft). Arrive at Queens Hospital Center. The last intersection is Grand Central Pkwy. If you reach 82nd Rd, you've gone too far.**

Total Distance 1.4 miles, Drive Time ~5 minutes

Emergency Contacts:

NYCDEP Spill Report: 311 (within any borough of NYC); 212-639-9675 (outside NYC)

Other State Agency: _____
(If Applicable) _____

Phone: _____

EPA Emergency Response 1-800-424-8802 – National Response Center

Chemtrec: 1-800-424-9300

HASP Prepared By: Katlyn E. Weik

Liberty Project Manager Approval: _____

SUBCONTRACTOR EMPLOYEE ACKNOWLEDGEMENTS:

I have read this Site-Specific Health and Safety Plan and fully understand its contents. I agree to comply with my employer's Corporate Health and Safety Plan and Site-Specific Health and Safety Plan for this site.

Signature

Date



My Notes

A near 178-68 Hillside Ave, Jamaica, NY 11432

(Directions to approximate location.)

B 8268 164th St, Jamaica, NY
Queens Hospital Center (718) 883-3000

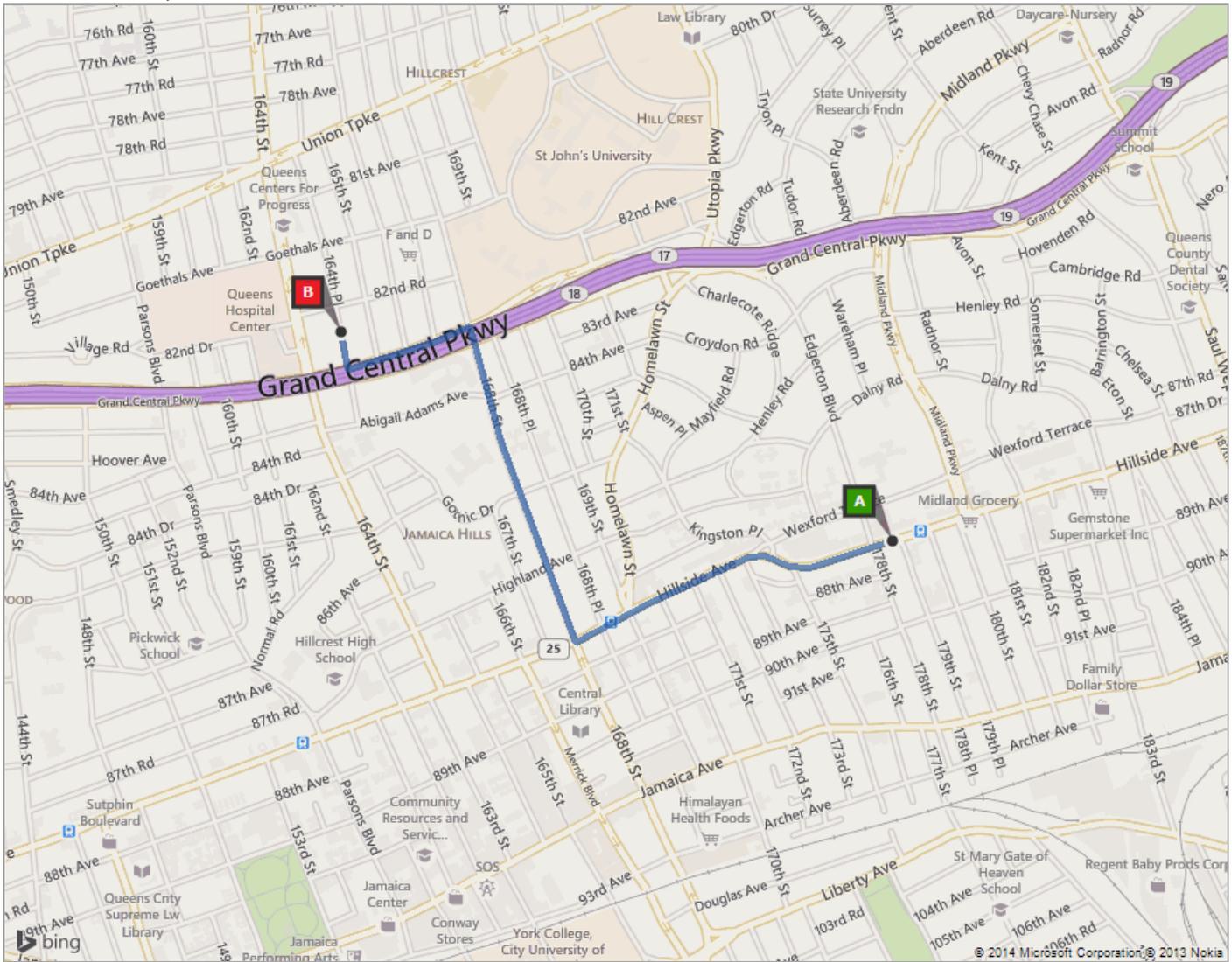
On the go? Use **m.bing.com** to find maps, directions, businesses, and more

Route: 1.4 mi, 5 min

A	near 178-68 Hillside Ave, Jamaica, NY 11432	A-B: 1.4 mi 5 min
	1. Depart RT-25 / Hillside Ave toward Edgerton Blvd	0.2 mi
	2. Keep left to stay on RT-25 / Hillside Ave	0.4 mi
	3. Turn right onto 168th St	0.6 mi
	4. Turn left onto Grand Central Pkwy	0.2 mi
	5. Turn right onto 164th Pl	335 ft
B	6. Arrive at 8268 164th St, Jamaica, NY <i>The last intersection is Grand Central Pkwy</i> <i>If you reach 82nd Rd, you've gone too far</i>	

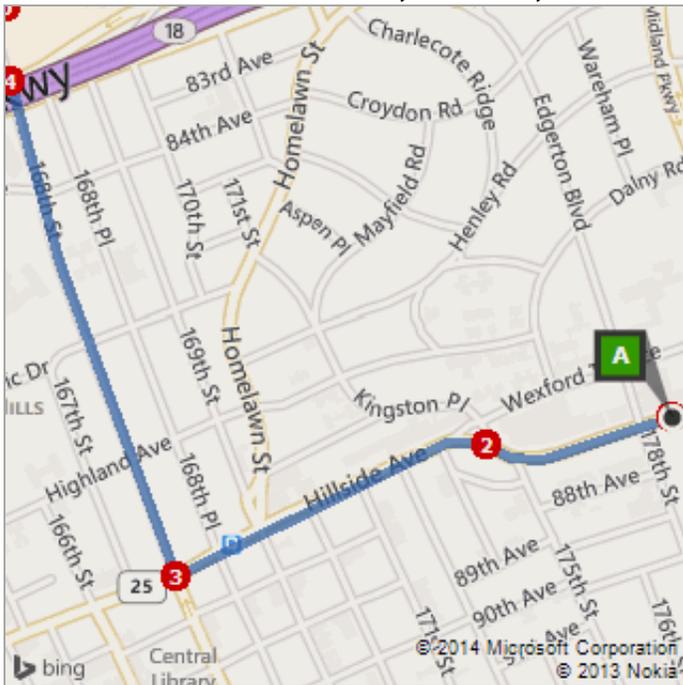
These directions are subject to the Microsoft® Service Agreement and for informational purposes only. No guarantee is made regarding their completeness or accuracy. Construction projects, traffic, or other events may cause actual conditions to differ from these results. Map and traffic data © 2014 NAVTEQ™.

Route: 1.4 mi, 5 min

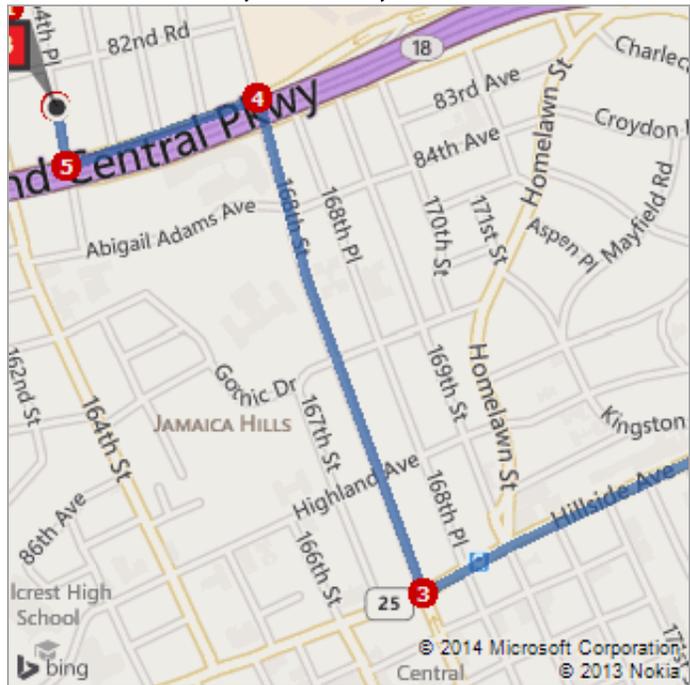


This was your map view in the browser window.

A: near 178-68 Hillside Ave, Jamaica, NY 11432



B: 8268 164th St, Jamaica, NY





[CDC Home](#) | [CDC Search](#) | [CDC Health Topics A-Z](#)

NIOSH National Institute for Occupational Safety and Health

[Search NIOSH](#) | [NIOSH Home](#) | [NIOSH Topics](#) | [Site Index](#) | [Databases and Information Resources](#) | [NIOSH Products](#)

NIOSH Publication No. 2005-149:

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [See](#)

Benzene		CAS 71-43-2
C_6H_6		RTECS CY140
Synonyms & Trade Names Benzol, Phenyl hydride		DOT ID & Gu 1114 130
Exposure Limits	NIOSH REL: Ca TWA 0.1 ppm ST 1 ppm See Appendix A	
	OSHA PEL: [1910.1028] TWA 1 ppm ST 5 ppm See Appendix F	
IDLH Ca [500 ppm] See: 71432		Conversion 1 ppm = 3.19 mg/m ³

Physical Description
Colorless to light-yellow liquid with an aromatic odor. [Note: A solid below 42°F.]

MW: 78.1	BP: 176°F	FRZ: 42°F	Sol: 0.07%
VP: 75 mmHg	IP: 9.24 eV		Sp.Gr: 0.88
FLP: 12°F	UEL: 7.8%	LEL: 1.2%	

Class IB Flammable Liquid: FLP. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Strong oxidizers, many fluorides & perchlorates, nitric acid

Measurement Methods
NIOSH [1500](#), [1501](#), [3700](#), [3800](#); OSHA [12](#), [1005](#)
See: [NMAM](#) or [OSHA Methods](#)

Personal Protection & Sanitation (See protection) Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet (flammable) Change: No recommendation Provide: Eyewash, Quick drench	First Aid (See procedures) Eye: Irrigate immediately Skin: Soap wash immediately Breathing: Respiratory support Swallow: Medical attention immediately
--	---

Respirator Recommendations ([See Appendix E](#)) NIOSH
At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive mode in combination with an auxiliary self-contained positive-pressure breathing apparatus
Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor appropriate escape-type, self-contained breathing apparatus
[Important additional information about respirator selection](#)

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lass (weakness, exhaustion); dermatitis; bone marrow depression; [potential occupational carcinogen]

Target Organs Eyes, skin, respiratory system, blood, central nervous system, bone marrow

Cancer Site [leukemia]

See also: [INTRODUCTION](#) See [ICSC CARD: 0015](#) See [MEDICAL TESTS: 0022](#)

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)



[CDC Home](#) | [CDC Search](#) | [CDC Health Topics A-Z](#)

NIOSH National Institute for Occupational Safety and Health

[Search NIOSH](#) | [NIOSH Home](#) | [NIOSH Topics](#) | [Site Index](#) | [Databases and Information Resources](#) | [NIOSH Products](#)

NIOSH Publication No. 2005-149:

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [Se](#)

Toluene		CAS 108-88-3
C ₆ H ₅ CH ₃		RTECS X5525
Synonyms & Trade Names Methyl benzene, Methyl benzol, Phenyl methane, Toluol		DOT ID & Gu 1294 130
Exposure Limits	NIOSH REL: TWA 100 ppm (375 mg/m ³) ST 150 ppm (560 mg/m ³) OSHA PEL†: TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak)	
IDLH 500 ppm See: 108883	Conversion 1 ppm = 3.77 mg/m ³	

Physical Description
Colorless liquid with a sweet, pungent, benzene-like odor.

MW: 92.1	BP: 232°F	FRZ: -139°F	Sol(74°F): 0.07%
VP: 21 mmHg	IP: 8.82 eV		Sp.Gr: 0.87
FLP: 40°F	UEL: 7.1%	LEL: 1.1%	

Class IB Flammable Liquid: FLP. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Strong oxidizers

Measurement Methods
NIOSH 1500, 1501, 3800, 4000; OSHA 111
See: [NMAM](#) or [OSHA Methods](#)

<p>Personal Protection & Sanitation (See protection)</p> <p>Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet (flammable) Change: No recommendation</p>	<p>First Aid (See procedures)</p> <p>Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately</p>
---	--

Respirator Recommendations NIOSH

Up to 500 ppm:

- (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
- (APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
- (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor
- (APF = 10) Any supplied-air respirator*
- (APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:

- (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or
- pressure mode
- (APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positio
- mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

- (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor

appropriate escape-type, self-contained breathing apparatus
Important additional information about respirator selection

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, nose; lassitude (weakness, exhaustion), confusion, euphoria, dizziness, headache; dilated
lacrimation (discharge of tears); anxiety, muscle fatigue, insomnia; paresthesia; dermatitis; liver, kidney damage

Target Organs Eyes, skin, respiratory system, central nervous system, liver, kidneys

See also: INTRODUCTION See ICSC CARD: 0078 See MEDICAL TESTS: 0232

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)



[CDC Home](#) | [CDC Search](#) | [CDC Health Topics A-Z](#)

NIOSH National Institute for Occupational Safety and Health

[Search NIOSH](#) | [NIOSH Home](#) | [NIOSH Topics](#) | [Site Index](#) | [Databases and Information Resources](#) | [NIOSH Products](#)

NIOSH Publication No. 2005-149:

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [See](#)

Ethyl benzene		CAS 100-41-4	
<chem>CH3CH2C6H5</chem>		RTECS DA070	
Synonyms & Trade Names Ethylbenzol, Phenylethane		DOT ID & Gu 1175 130	
Exposure Limits	NIOSH REL: TWA 100 ppm (435 mg/m ³) ST 125 ppm (545 mg/m ³)		
	OSHA PEL†: TWA 100 ppm (435 mg/m ³)		
IDLH 800 ppm [10%LEL] See: 100414		Conversion 1 ppm = 4.34 mg/m ³	
Physical Description Colorless liquid with an aromatic odor.			
MW: 106.2	BP: 277°F	FRZ: -139°F	Sol: 0.01%
VP: 7 mmHg	IP: 8.76 eV		Sp.Gr: 0.87
Fl.P: 55°F	UEL: 6.7%	LEL: 0.8%	
Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.			
Incompatibilities & Reactivities Strong oxidizers			
Measurement Methods NIOSH 1501; OSHA Z, 1002 See: NMAM or OSHA Methods			
Personal Protection & Sanitation (See protection)		First Aid (See procedures)	
Skin: Prevent skin contact		Eye: Irrigate immediately	
Eyes: Prevent eye contact		Skin: Water flush promptly	
Wash skin: When contaminated		Breathing: Respiratory support	
Remove: When wet (flammable)		Swallow: Medical attention immediately	
Change: No recommendation			

Respirator Recommendations NIOSH/OSHA

Up to 800 ppm:

- (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
- (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor
- (APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
- (APF = 10) Any supplied-air respirator*
- (APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:

- (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or pressure mode
- (APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

- (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor

appropriate escape-type, self-contained breathing apparatus
Important additional information about respirator selection

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma

Target Organs Eyes, skin, respiratory system, central nervous system

See also: [INTRODUCTION](#) See ICSC CARD: [0268](#) See MEDICAL TESTS: [0098](#)

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)



[CDC Home](#) | [CDC Search](#) | [CDC Health Topics A-Z](#)

NIOSH National Institute for Occupational Safety and Health

[Search NIOSH](#) | [NIOSH Home](#) | [NIOSH Topics](#) | [Site Index](#) | [Databases and Information Resources](#) | [NIOSH Products](#)

NIOSH Publication No. 2005-149:

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [See](#)

m-Xylene		CAS 108-38-3	
C ₆ H ₄ (CH ₃) ₂		RTECS ZE227	
Synonyms & Trade Names 1,3-Dimethylbenzene; meta-Xylene; m-Xylol		DOT ID & Gu 1307 130	
Exposure Limits	NIOSH REL: TWA 100 ppm (435 mg/m ³) ST 150 ppm (655 mg/m ³)		
	OSHA PEL†: TWA 100 ppm (435 mg/m ³)		
IDLH 900 ppm See: 96476		Conversion 1 ppm = 4.34 mg/m ³	
Physical Description			
Colorless liquid with an aromatic odor.			
MW: 106.2	BP: 282°F	FRZ: -54°F	Sol: Slight
VP: 9 mmHg	IP: 8.56 eV		Sp.Gr: 0.86
Fl.P: 82°F	UEL: 7.0%	LEL: 1.1%	
Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.			
Incompatibilities & Reactivities			
Strong oxidizers, strong acids			
Measurement Methods			
NIOSH 1501 , 3800 ; OSHA 1002 See: NMAM or OSHA Methods			
Personal Protection & Sanitation (See protection)		First Aid (See procedures)	
Skin: Prevent skin contact		Eye: Irrigate immediately	
Eyes: Prevent eye contact		Skin: Soap wash promptly	
Wash skin: When contaminated		Breathing: Respiratory support	
Remove: When wet (flammable)		Swallow: Medical attention immediately	
Change: No recommendation			

Respirator Recommendations NIOSH/OSHA

Up to 900 ppm:

- (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
- (APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
- (APF = 10) Any supplied-air respirator*
- (APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:

- (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
- (APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

- (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corner
anorexia, nausea, vomiting, abdominal pain; dermatitis

Target Organs Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys

See also: INTRODUCTION See ICSC CARD: 0085 See MEDICAL TESTS: 0243

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)



[CDC Home](#) | [CDC Search](#) | [CDC Health Topics A-Z](#)

NIOSH National Institute for Occupational Safety and Health

[Search NIOSH](#) | [NIOSH Home](#) | [NIOSH Topics](#) | [Site Index](#) | [Databases and Information Resources](#) | [NIOSH Products](#)

NIOSH Publication No. 2005-149:

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [See](#)

p-Xylene		CAS 106-42-3
C ₆ H ₄ (CH ₃) ₂		RTECS ZE262
Synonyms & Trade Names 1,4-Dimethylbenzene; para-Xylene; p-Xylol		DOT ID & Gu 1307 130
Exposure Limits	NIOSH REL: TWA 100 ppm (435 mg/m ³) ST 150 ppm (655 mg/m ³)	
	OSHA PEL†: TWA 100 ppm (435 mg/m ³)	
IDLH 900 ppm See: 95476		Conversion 1 ppm = 4.41 mg/m ³

Physical Description

Colorless liquid with an aromatic odor. [Note: A solid below 56°F.]

MW: 106.2	BP: 281°F	FRZ: 56°F	Sol: 0.02%
VP: 9 mmHg	IP: 8.44 eV		Sp.Gr: 0.86
Fl.P: 81°F	UEL: 7.0%	LEL: 1.1%	

Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.

Incompatibilities & Reactivities

Strong oxidizers, strong acids

Measurement Methods

NIOSH 1501, 3800; OSHA 1002
See: [NMAM](#) or [OSHA Methods](#)

Personal Protection & Sanitation (See protection)

Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation

First Aid (See procedures)

Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations NIOSH/OSHA

Up to 900 ppm:

- (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
- (APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
- (APF = 10) Any supplied-air respirator*
- (APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:

- (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or pressure mode
- (APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

- (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal
anorexia, nausea, vomiting, abdominal pain; dermatitis

Target Organs Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys

See also: INTRODUCTION See ICSC CARD: 0086 See MEDICAL TESTS: 0243

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)



[CDC Home](#) | [CDC Search](#) | [CDC Health Topics A-Z](#)

NIOSH National Institute for Occupational Safety and Health

[Search NIOSH](#) | [NIOSH Home](#) | [NIOSH Topics](#) | [Site Index](#) | [Databases and Information Resources](#) | [NIOSH Products](#)

NIOSH Publication No. 2005-149:

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [See](#)

o-Xylene	CAS 95-47-6
-----------------	-------------

$C_6H_4(CH_3)_2$	RTECS ZE245
------------------	-------------

Synonyms & Trade Names 1,2-Dimethylbenzene; ortho-Xylene; o-Xylol	DOT ID & Gu 1307 130
---	-------------------------

Exposure Limits	NIOSH REL: TWA 100 ppm (435 mg/m ³) ST 150 ppm (655 mg/m ³)
	OSHA PEL†: TWA 100 ppm (435 mg/m ³)

IDLH 900 ppm See: 95476	Conversion 1 ppm = 4.34 mg/m ³
-------------------------	---

Physical Description
Colorless liquid with an aromatic odor.

MW: 106.2	BP: 292°F	FRZ: -13°F	Sol: 0.02%
VP: 7 mmHg	IP: 8.56 eV		Sp.Gr: 0.88
FI.P: 90°F	UEL: 6.7%	LEL: 0.9%	

Class IC Flammable Liquid: FI.P. at or above 73°F and below 100°F.

Incompatibilities & Reactivities
Strong oxidizers, strong acids

Measurement Methods
NIOSH 1501, 3800; OSHA 1002
See: [NMAM](#) or [OSHA Methods](#)

Personal Protection & Sanitation (See protection)	First Aid (See procedures)
Skin: Prevent skin contact	Eye: Irrigate immediately
Eyes: Prevent eye contact	Skin: Soap wash promptly
Wash skin: When contaminated	Breathing: Respiratory support
Remove: When wet (flammable)	Swallow: Medical attention immediately
Change: No recommendation	

Respirator Recommendations NIOSH/OSHA

Up to 900 ppm:

- (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
- (APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
- (APF = 10) Any supplied-air respirator*
- (APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:

- (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or pressure mode
- (APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

- (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal
anorexia, nausea, vomiting, abdominal pain; dermatitis

Target Organs Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys

See also: [INTRODUCTION](#) See ICSC CARD: [0084](#) See MEDICAL TESTS: [0243](#)

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)



[CDC Home](#) | [CDC Search](#) | [CDC Health Topics A-Z](#)

NIOSH National Institute for Occupational Safety and Health

[Search NIOSH](#) | [NIOSH Home](#) | [NIOSH Topics](#) | [Site Index](#) | [Databases and Information Resources](#) | [NIOSH Products](#)

NIOSH Publication No. 2005-149:

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [Se](#)

Naphthalene		CAS 91-20-3	
$C_{10}H_8$		RTECS <u>QJ052</u>	
Synonyms & Trade Names Naphthalin, Tar camphor, White tar		DOT ID & Gu 1334 <u>133</u> (crude) 2304 <u>133</u> (molten)	
Exposure Limits	NIOSH REL: TWA 10 ppm (50 mg/m ³) ST 15 ppm (75 mg/m ³) OSHA PEL†: TWA 10 ppm (50 mg/m ³)		
IDLH 250 ppm See: <u>91203</u>		Conversion 1 ppm = 5.24 mg/m ³	
Physical Description Colorless to brown solid with an odor of mothballs. [Note: Shipped as a molten solid.]			
MW: 128.2	BP: 424°F	MLT: 176°F	Sol: 0.003%
VP: 0.08 mmHg	IP: 8.12 eV		Sp.Gr: 1.15
F.P: 174°F	UEL: 5.9%	LEL: 0.9%	
Combustible Solid, but will take some effort to ignite.			
Incompatibilities & Reactivities Strong oxidizers, chromic anhydride			
Measurement Methods NIOSH <u>1501</u> ; OSHA <u>35</u> See: <u>NMAM</u> or <u>OSHA Methods</u>			
Personal Protection & Sanitation (See <u>protection</u>) Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet or contaminated Change: Daily		First Aid (See <u>procedures</u>) Eye: Irrigate immediately Skin: Molten flush immediately/solid-liquid soap wa Breathing: Respiratory support Swallow: Medical attention immediately	

Respirator Recommendations NIOSH/OSHA

Up to 100 ppm:
(APF = 10) Any air-purifying half-mask respirator with organic vapor cartridge(s) in combination with an N95, R95, or P95 following filters may also be used: N99, R99, P99, N100, R100, P100. [Click here](#) for information on selection of N, R, or P (APF = 10) Any supplied-air respirator*

Up to 250 ppm:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode*
(APF = 50) Any air-purifying full-facepiece respirator equipped with organic vapor cartridge(s) in combination with an N10 P100 filter. [Click here](#) for information on selection of N, R, or P filters.
(APF = 25) Any powered air-purifying respirator with an organic vapor cartridge in combination with a high-efficiency parti
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister, N100, R100, or P100 filter. [Click here](#) for information on selection of N, R, or P filters./Any appropriate escape-type, self-contained breathing apparatus

[Important additional information about respirator selection](#)

Exposure Routes Inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes; headache, confusion, excitement, malaise (vague feeling of discomfort); nausea, vomiting, irritation bladder; profuse sweating; jaundice; hematuria (blood in the urine), renal shutdown; dermatitis, optical neuritis, c

Target Organs Eyes, skin, blood, liver, kidneys, central nervous system

See also: [INTRODUCTION](#) See ICSC CARD: [0667](#) See MEDICAL TESTS: [0152](#)

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)



[CDC Home](#) | [CDC Search](#) | [CDC Health Topics A-Z](#)

NIOSH National Institute for Occupational Safety and Health

[Search NIOSH](#) | [NIOSH Home](#) | [NIOSH Topics](#) | [Site Index](#) | [Databases and Information Resources](#) | [NIOSH Products](#) | [NIOSH Publication No. 2005-149:](#)

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [See](#)

Cumene		CAS 98-82-8	
$C_6H_5CH(CH_3)_2$		RTECS GR857	
Synonyms & Trade Names Cumol, isopropyl benzene, 2-Phenyl propane		DOT ID & Gu 1918 130	
Exposure Limits	NIOSH REL: TWA 50 ppm (245 mg/m ³) [skin]		
	OSHA PEL: TWA 50 ppm (245 mg/m ³) [skin]		
IDLH 900 ppm [10%LEL] See: 98828		Conversion 1 ppm = 4.92 mg/m ³	
Physical Description Colorless liquid with a sharp, penetrating, aromatic odor.			
MW: 120.2	BP: 306°F	FRZ: -141°F	Sol: Insoluble
VP: 8 mmHg	IP: 8.75 eV		Sp.Gr: 0.86
Fl.P: 96°F	UEL: 6.5%	LEL: 0.9%	
Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.			
Incompatibilities & Reactivities Oxidizers, nitric acid, sulfur acid [Note: Forms cumene hydroperoxide upon long exposure to air.]			
Measurement Methods NIOSH 1501 See: NMAM or OSHA Methods			
Personal Protection & Sanitation (See protection) Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet (flammable) Change: No recommendation		First Aid (See procedures) Eye: Irrigate immediately Skin: Water flush promptly Breathing: Respiratory support Swallow: Medical attention immediately	

Respirator Recommendations NIOSH/OSHA

Up to 500 ppm:
 (APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
 (APF = 10) Any supplied-air respirator*

Up to 900 ppm:
 (APF = 25) Any supplied-air respirator operated in a continuous-flow mode*
 (APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
 (APF = 50) Any chemical cartridge respirator with a full facepiece and organic vapor cartridge(s)
 (APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor
 (APF = 50) Any self-contained breathing apparatus with a full facepiece
 (APF = 50) Any supplied-air respirator with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:
 (APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, mucous membrane; dermatitis; headache, narcosis, coma

Target Organs Eyes, skin, respiratory system, central nervous system

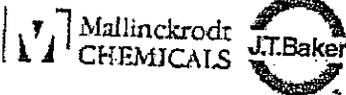
See also: [INTRODUCTION](#) See ICSC CARD: [0170](#) See MEDICAL TESTS: [0060](#)

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)

MSDS Number: B7222 * * * * * Effective Date: 07/06/06 * * * * * Supercedes: 02/16/06

MSDS Material Safety Data Sheet

From: Mallinckrodt Baker, Inc.
222 Red School Lane
Phillipsburg, NJ 08865



24 Hour Emergency Telephone: 908-850-2151
CHEMTREC: 1-800-424-9300

National Response in Canada
CANUTEC: 613-986-6666

Outside U.S. and Canada
Chemtrec: 703-527-3887

NOTE: CHEMTREC, CANUTEC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

All non-emergency questions should be directed to Customer Service (1-800-582-2537) for assistance.

METHYL TERT-BUTYL ETHER

1. Product Identification

Synonyms: 2-Methoxy-2-methylpropane; tert-Butyl methyl ether; Methyl 1,1-dimethyl ethyl ether; MTBE
CAS No.: 1634-04-4
Molecular Weight: 88.15
Chemical Formula: C₅H₁₂O
Product Codes:
 J.T. Baker: 9034, 9042, 9043
 Mallinckrodt: 5398

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Methyl tert-butyl Ether	1634-04-4	99 - 100%	Yes

3. Hazards Identification

Emergency Overview

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. MAY AFFECT CENTRAL NERVOUS SYSTEM, BLOOD, AND KIDNEYS. A CENTRAL NERVOUS SYSTEM DEPRESSANT. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

SAF-T-DATA^(tm) Ratings (Provided here for your convenience)

Health Rating: 2 - Moderate (Life)
Flammability Rating: 3 - Severe (Flammable)
Reactivity Rating: 1 - Slight
Contact Rating: 2 - Moderate (Life)
Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD;
PROPER GLOVES; CLASS B EXTINGUISHER
Storage Color Code: Red (Flammable)

Potential Health Effects

Inhalation:

Inhalation of vapor can irritate respiratory tract. Causes central nervous system effects. Breathing high concentrations in air can cause lightheadedness, dizziness, weakness, nausea, headache.

Ingestion:

May cause nausea, vomiting. Other symptoms similar to inhalation may occur. Laryngeal, ocular, and respiratory muscles are affected in severe poisoning.

Skin Contact:

A mild skin irritant which causes loss of natural oils. May be a route of absorption into the body.

Eye Contact:

Vapors can irritate eyes; splashes may cause damage to eye tissue.

Chronic Exposure:

Symptoms noted above may be produced by cumulative exposure.

Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of the substance.

4. First Aid Measures

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact:

Remove any contaminated clothing. Wash skin with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Fire:

Flash point: -27C (-17F)

Autoignition temperature: 435C (815F)

Flammable limits in air % by volume:

lcl: 1.6; ucl: 8.4

Extremely Flammable Liquid and Vapor! Vapor may cause flash fire.

Explosion:

Above the flash point, explosive vapor-air mixtures may be formed. Vapors can flow along surfaces to distant ignition source and flash back. Sealed containers may rupture when heated. Sensitive to static discharge.

Fire Extinguishing Media:

Water spray, dry chemical, alcohol foam, or carbon dioxide. Water spray may be used to keep fire exposed containers cool.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

J. T. Baker SOLUSORB® solvent adsorbent is recommended for spills of this product.

7. Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

-ACGIH Threshold Limit Value (TLV): 50 ppm (TWA), A3 - Confirmed animal carcinogen with unknown relevance to humans

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details. Use explosion-proof equipment.

Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded and engineering controls are not feasible, a half-face organic vapor respirator may be worn for up to ten times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece organic vapor respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc. See 29CFR1910.134 for details.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:

Clear, colorless liquid.

Odor:

Characteristic ethereal odor.

Solubility:
 4.8 g/100g of water.
Specific Gravity:
 0.74
pH:
 No information found.
% Volatiles by volume @ 21C (70F):
 100
Boiling Point:
 55C (131F)
Melting Point:
 -110C (-166F)
Vapor Density (Air=1):
 No information found.
Vapor Pressure (mm Hg):
 245 @ 25C (77F)
Evaporation Rate (BuAc=1):
 No information found.

10. Stability and Reactivity

Stability:
 Stable under ordinary conditions of use and storage. Unstable in acid solutions.
Hazardous Decomposition Products:
 Carbon dioxide and carbon monoxide may form when heated to decomposition.
Hazardous Polymerization:
 Will not occur.
Incompatibilities:
 Oxidizers, acids.
Conditions to Avoid:
 Heat, flames, ignition sources and incompatibles.

11. Toxicological Information

Methyl tert butyl ether: Oral rat LD50: 4 gm/kg; inhalation rat LC50: 23576 ppm/4H.

Ingredient	---NTP Carcinogen---		IARC Category
	Known	Anticipated	
Methyl tert-butyl Ether (1634-04-4)	No	No	3

12. Ecological Information

Environmental Fate:

When released into the soil, this material is not expected to biodegrade. When released into the air, this material is expected to adversely affect the ozone layer. When released into the soil, this material is expected to quickly evaporate. When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life between 1 and 10 days. This material has an estimated bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is not expected to be degraded by photolysis. When released into the air, this material is expected to have a half-life between 1 and 10 days.

Environmental Toxicity:

No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, D.O.T.)

Proper Shipping Name: METHYL TERT-BUTYL ETHER

Hazard Class: 3

UN/NA: UN2398

Packing Group: II

Information reported for product/size: 215L

International (Water, I.M.O.)

Proper Shipping Name: METHYL BUTYL ETHER

Hazard Class: 3

UN/NA: UN2398

Packing Group: II

Information reported for product/size: 215L

15. Regulatory Information

METHYL TERT-BUTYL ETHER

-----\Chemical Inventory Status - Part 1\-----

Ingredient	TSCA	EC	Japan	Australia
Methyl tert-butyl Ether (1634-04-4)	Yes	Yes	Yes	Yes

-----\Chemical Inventory Status - Part 2\-----

Ingredient	Korea	DSL	NDSL	Phil.	--Canada--
Methyl tert-butyl Ether (1634-04-4)	Yes	Yes	No	Yes	

-----\Federal, State & International Regulations - Part 1\-----

Ingredient	-SARA 302- RQ	TPQ	SARA 313 List	Chemical Catg.
Methyl tert-butyl Ether (1634-04-4)	No	No	Yes	No

-----\Federal, State & International Regulations - Part 2\-----

Ingredient	CERCLA	-RCRA- 261.33	-TSCA- 8(d)
Methyl tert-butyl Ether (1634-04-4)	1000	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
 SARA 311/312: Acute: Yes Chronic: Yes Fire: Yes Pressure: No
 Reactivity: No (Pure / Liquid)

Australian Hazchem Code: 3[Y]E

Poison Schedule: None allocated.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

NFPA Ratings: Health: 2 Flammability: 3 Reactivity: 0

Label Hazard Warning:

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. MAY AFFECT CENTRAL NERVOUS SYSTEM, BLOOD, AND KIDNEYS. A CENTRAL NERVOUS SYSTEM DEPRESSANT. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

Label Precautions:

- Keep away from heat, sparks and flame.
- Avoid contact with eyes, skin and clothing.
- Avoid breathing vapor.
- Keep container closed.
- Use only with adequate ventilation.
- Wash thoroughly after handling.

Label First Aid:

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. In all cases call a physician.

Product Use:

Laboratory Reagent.

Revision Information:

MSDS Section(s) changed since last revision of document include: 14.

Disclaimer:

Mallinckrodt Baker, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. MALLINCKRODT BAKER, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, MALLINCKRODT BAKER, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

Prepared by: Environmental Health & Safety
Phone Number: (314) 654-1600 (U.S.A.)



[CDC Home](#) | [CDC Search](#) | [CDC Health Topics A-Z](#)

NIOSH National Institute for Occupational Safety and Health

[Search NIOSH](#) | [NIOSH Home](#) | [NIOSH Topics](#) | [Site Index](#) | [Databases and Information Resources](#) | [NIOSH Products](#) | [Contact Us](#)

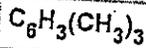
September 2005

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [Search](#)

1,2,4-Trimethylbenzene

CAS 95-63-6



RTECS DC3325000

Synonyms & Trade Names

Asymmetrical trimethylbenzene, psi-Cumene, Pseudocumene [Note: hemimellitene is a mixture of the 1,2,3-isomer with up to 10% of related aromatics such as the 1,2,4-isomer.]

DOT ID & Guide

Exposure Limits

NIOSH REL: TWA 25 ppm (125 mg/m³)

OSHA PEL†: none

IDLH N.D. See: [IDLH INDEX](#)

Conversion 1 ppm = 4.92 mg/m³

Physical Description

Clear, colorless liquid with a distinctive, aromatic odor.

MW: 120.2

BP: 337°F

FRZ: -77°F

VP(56°F): 1 mmHg

IP: 8.27 eV

Sol: 0.006%

FLP: 112°F

UEL: 6.4%

LEL: 0.9%

Sp.Gr: 0.88

Class II Flammable Liquid

Incompatibilities & Reactivities

Oxidizers, nitric acid

Measurement Methods

OSHA PV2091

See: [NMAM](#) or [OSHA Methods](#)

Personal Protection & Sanitation (See protection)

Skin: Prevent skin contact

Eyes: Prevent eye contact

Wash skin: When contaminated.

Remove: When wet or contaminated

Change: No recommendation

First Aid (See procedures)

Eye: Irrigate immediately

Skin: Soap wash

Breathing: Respiratory support

Swallow: Medical attention immediately

Respirator Recommendations Not available.

Important additional information about respirator selection

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, fatigue, dizziness, nausea, incoordination; vomiting, confusion; chemical pneumonitis (aspiration liquid)

Target Organs Eyes, skin, respiratory system, central nervous system, blood

See also: [INTRODUCTION](#) See ICSC CARD: 1433

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)



NIOSH National Institute for Occupational Safety and Health

Search NIOSH | NIOSH Home | NIOSH Topics | Site Index | Databases and Information Resources | NIOSH Products | Contact Us

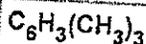
September 2005

NIOSH Pocket Guide to Chemical Hazards

[NPG Home](#) | [Introduction](#) | [Synonyms & Trade Names](#) | [Chemical Names](#) | [CAS Numbers](#) | [RTECS Numbers](#) | [Appendices](#) | [Search](#)

1,3,5-Trimethylbenzene

CAS 108-67-8



RTECS OX6825000

Synonyms & Trade Names

Mesitylene, Symmetrical trimethylbenzene, sym-Trimethylbenzene

DOT ID & Guide
2325 129

Exposure Limits

NIOSH REL: TWA 25 ppm (125 mg/m³)

OSHA PELT: none

IDLH N.D. See: [IDLH INDEX](#)

Conversion 1 ppm = 4.92 mg/m³

Physical Description

Clear, colorless liquid with a distinctive, aromatic odor.

MW: 120.2

BP: 329°F

FRZ: -49°F

Sol: 0.002%

VP: 2 mmHg

IP: 8.39 eV

FLP: 122°F

UEL: ?

LEL: ?

Sp.Gr: 0.86

Class II Flammable Liquid

Incompatibilities & Reactivities

Oxidizers, nitric acid

Measurement Methods

OSHA PV2091

See: [NMAM](#) or [OSHA Methods](#)

Personal Protection & Sanitation [\(See protection\)](#)

Skin: Prevent skin contact

Eyes: Prevent eye contact

Wash skin: When contaminated

Remove: When wet or contaminated

Change: No recommendation

First Aid [\(See procedures\)](#)

Eye: Irrigate immediately

Skin: Soap wash

Breathing: Respiratory support

Swallow: Medical attention immediately

Respirator Recommendations Not available.

[Important additional information about respirator selection](#)

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms Irritation eyes, skin, nose, throat, respiratory system; bronchitis; hypochromic anemia; headache, drowsiness, lassitude (weakness, exhaustion), dizziness, nausea, incoordination; vomiting, confusion; chemical pneumonitis (aspiration liquid)

Target Organs Eyes, skin, respiratory system, central nervous system, blood

See also: [INTRODUCTION](#). See ICSC CARD: 1155

[NIOSH Home](#) | [NIOSH Search](#) | [Site Index](#) | [Topic List](#) | [Contact Us](#)

MATERIAL SAFETY DATA SHEET

ERA A Waters Company

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: ERA BUSINESS PHONE: 303-431-8454
ADDRESS: 16341 Table Mountain Parkway FAX: 303-421-0159 EMAIL: info@eraqc.com
Golden, CO, 80403 U.S.A. CHEMICAL EMERGENCY PHONE: 352-535-5053 (INFOTRAC)

Product Name(s): **Low-Level PAHs in Soil, PriorityPollutnT™, PAHs by HPLC in Soil, PAHs in Soil, QuiK™Response**

Catalog / Part Number(s): **625, 625AL1-4, 639, 722, 927, 186004317**

MSDS Creation Date: **November 22, 2005**

Revision Date: **July 19, 2012**

MSDS Reference Number: **625-722**

SECTION 2: HAZARDS IDENTIFICATION

Not hazardous according to Directive 199/45/EC. Use only as directed and in accordance with good laboratory practices.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL INGREDIENT NAME	CAS NUMBER	EC NUMBER	% BY WT.	EXPOSURE LIMITS		EU LABEL
				OSHA	ACGIH	HAZARD LABEL
No Hazardous Ingredients	NA	NA	NA	NA	NA	NA

Notes: Each product is 20-50 grams of an internal standard containing a mixture of polyaromatic hydrocarbons with levels <0.001 % dried in inert clean topsoil/sand. The soil may contain silica, crystalline – quartz. The sample is solid, loose dirt and does not contain liquid.

Considered Non-Hazardous under OSHA 1910.1200 (HazCom) as product contains no known or potential carcinogens in excess of 0.1% of the composition nor any other hazardous chemical in excess of 1% of the composition.

Material Use: Analytical reagent or certified reference material used in laboratories. Uses also include research and development.

SECTION 4: FIRST-AID MEASURES

Inhalation: Remove to fresh air.

Skin Contact: Flush with water.

Eye Contact: Immediately flush with water for a minimum of 15 minutes.

Ingestion: Get medical attention.

After following first aid measures, seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties: Not flammable.

Extinguishing Media: Dry chemical, carbon dioxide or appropriate foam.

Unique Aspects Contributing To a Fire: None.

Special Fire Fighting Procedures: None.

Note: As in any fire, wear self-contained breathing apparatus, and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Sweep up dirt and avoid creating dust. Place wastes into closed containers for proper disposal.

SECTION 7: HANDLING AND STORAGE

Keep container tightly closed. Store at 2-6°C. Handle in accordance with good laboratory practices. This product is intended for use only by people trained in the safety and handling of chemicals and laboratory preparations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Handle in accordance with good laboratory practices.

Respiratory Protection: Not normally needed. May use HEPA or nuisance dust mask to reduce inhalation of dust.

Eye Protection: Safety glasses with side shields.

Skin Protection: Neoprene or other chemical resistant gloves. Disposable nitrile gloves are acceptable for light intermittent exposure.

Engineering Controls: Work in a fume hood or use general or other local exhaust ventilation to meet Exposure Limits.

MATERIAL SAFETY DATA SHEET

ERA A Waters Company

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

DATA FOR MIX/MATRIX:

Appearance:	brown soil or blond sand	Specific Gravity:	NA	Melting Point:	NA
Physical State:	Solid	Flash Point:	NA	Vapor Pressure:	NA
Odor:	NA	Explosion Limits:	NA	Vapor Density (air=1):	NA
pH:	NA	Boiling Point:	NA	Solubility in Water:	NA

SECTION 10: STABILITY AND REACTIVITY

Hazardous Polymerization Will Not Occur May Occur Stability: Stable Unstable
Hazardous Decomposition/Combustion Products: NA
Conditions and Materials to Avoid: NA

SECTION 11: TOXICOLOGICAL INFORMATION

Primary Route(s) of Exposure Under Normal Use: NA

Target Organ(s): NA

Acute Effects: NA

Chronic Effects: NA

Other Information: Chemical Ingredient(s) not classified as carcinogen(s) by OSHA, IARC, NTP, ACGIH, or California.

SECTION 12: ECOLOGICAL INFORMATION

No information available on this preparation or mixture. By complying with sections 6 & 7 there will be no release into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

To determine proper disposal, consult applicable federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

Shipment Name/Type: Non-hazardous for transport.
UN Number: NA Shipping/Hazardous Class: NA Packing Group: NA
Shipping regulations are based on combinations of criteria such as quantity, class and packaging according to DOT, IATA and (49) CFR.

SECTION 15: REGULATORY INFORMATION

EU Symbol of Danger: NA
EU Risk Phrases: NA

U.S. TSCA: NA
Canada: This product has been classified according to the hazard criteria of the CPR and this MSDS contains all the information required by the CPR.

SECTION 16: OTHER INFORMATION

United States EPA Regulatory Information:	NFPA Rating:	Health: NA	Flammability: NA	Reactivity: NA
SARA 313: NA				
CERCLA RQ: NA	HMIS Rating:	Health: NA	Flammability: NA	Physical Hazard: NA

NOTE: NA = Data not available, not established, determined or not pertinent.

DISCLAIMER: The information contained herein has been compiled from data presented in various technical sources believed to be accurate. This information is intended to be used only as a guide and does not purport to be complete. ERA makes no warranties and assumes no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary precautions.



September 2005

NIOSH Publication Number 2005-149

Search the Pocket Guide

Enter search terms separated by spaces.

<h1>Lead</h1>					
Synonyms & Trade Names Lead metal, Plumbum					
CAS No. 7439-92-1		RTECS No. OF7525000		DOT ID & Guide	
Formula Pb		Conversion		IDLH 100 mg/m³ (as Pb) See: 7439921	
Exposure Limits NIOSH REL *: TWA (8-hour) 0.050 mg/m ³ See Appendix C [*Note: The REL also applies to other lead compounds (as Pb) -- see Appendix C.] OSHA PEL *: [1910.1025] TWA 0.050 mg/m ³ See Appendix C [*Note: The PEL also applies to other lead compounds (as Pb) -- see Appendix C.]			Measurement Methods NIOSH 7082  , 7105  , 7300  , 7301  , 7303  , 7700  , 7701  , 7702  , 9100  , 9102  , 9105  OSHA ID121  , ID125G  , ID206  See: NMAM or OSHA Methods 		
Physical Description A heavy, ductile, soft, gray solid.					
MW: 207.2	BP: 3164°F	MLT: 621°F	Sol: Insoluble	VP: 0 mmHg (approx)	IP: NA
Sp.Gr: 11.34	FLP: NA	UEL: NA	LEL: NA		
Noncombustible Solid in bulk form.					
Incompatibilities & Reactivities Strong oxidizers, hydrogen peroxide, acids					
Exposure Routes inhalation, ingestion, skin and/or eye contact					
Symptoms 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 eyes; hypertension					

Target Organs Eyes, gastrointestinal tract, central nervous system, kidneys, blood, gingival tissue

Personal Protection/Sanitation (See protection codes)

Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: Daily
Remove: When wet or contaminated
Change: Daily

First Aid (See procedures)

Eye: Irrigate immediately
Skin: Soap flush promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

(See Appendix E)

NIOSH/OSHA

Up to 0.5 mg/m³:

(APF = 10) Any air-purifying respirator with an N100, R100, or P100 filter (including N100, R100, and P100 filtering facepieces) except quarter-mask respirators.

[Click here](#) for information on selection of N, R, or P filters.

(APF = 10) Any supplied-air respirator

Up to 1.25 mg/m³:

(APF = 25) Any supplied-air respirator operated in a continuous-flow mode

(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.

Up to 2.5 mg/m³:

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.

[Click here](#) for information on selection of N, R, or P filters.

(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode

(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter

(APF = 50) Any self-contained breathing apparatus with a full facepiece

(APF = 50) Any supplied-air respirator with a full facepiece

Up to 50 mg/m³:

(APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

Up to 100 mg/m³:

(APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:

(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
[Click here](#) for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection

See also: INTRODUCTION See ICSC CARD: 0052 See MEDICAL TESTS: 0127

Page last reviewed: February 3, 2009

Page last updated: February 3, 2009

Content source: National Institute for Occupational Safety and Health (NIOSH) Education and Information Division

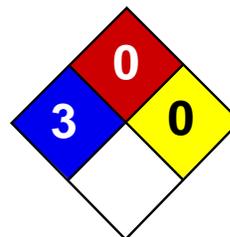
Centers for Disease Control and Prevention 1600 Clifton Rd. Atlanta, GA

30333, USA

800-CDC-INFO (800-232-4636) TTY: (888) 232-6348, 24 Hours/Every Day -

cdcinfo@cdc.gov





Health	3
Fire	0
Reactivity	0
Personal Protection	H

Material Safety Data Sheet

1,2-Dibromoethane MSDS

Section 1: Chemical Product and Company Identification

Product Name: 1,2-Dibromoethane

Catalog Codes: SLD1783

CAS#: 106-93-4

RTECS: KH9275000

TSCA: TSCA 8(b) inventory: 1,2-Dibromoethane

CI#: Not available.

Synonym: Ethylene Dibromide

Chemical Formula: C₂H₄Br₂

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
{1,2-}Dibromoethane	106-93-4	100

Toxicological Data on Ingredients: 1,2-Dibromoethane: ORAL (LD50): Acute: 108 mg/kg [Rat]. DERMAL (LD50): Acute: 300 mg/kg [Rabbit]. VAPOR (LC50): Acute: 7150 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:

Very hazardous in case of eye contact (irritant), of ingestion. Hazardous in case of skin contact (irritant, permeator), of inhalation. Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering, and itching.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Classified + (PROVEN) by OSHA. Classified A2 (Suspected for human.) by ACGIH, 2A (Probable for human.) by IARC. **MUTAGENIC EFFECTS:** Not available. **TERATOGENIC EFFECTS:** Not available. **DEVELOPMENTAL TOXICITY:** PROVEN The substance is toxic to kidneys, the reproductive system, liver, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:

Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Keep locked up Do not ingest. Do not breathe gas/fumes/ vapour/spray. In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes Keep away from incompatibles such as reducing agents.

Storage:

Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 20 CEIL: 30 (ppm) TWA: 155 CEIL: 230 (mg/m³) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Chloroform. (Strong.)

Taste: Not available.

Molecular Weight: 187.87 g/mole

Color: Clear Colorless.

pH (1% soln/water): Not available.

Boiling Point: 131.4°C (268.5°F)

Melting Point: 9.3°C (48.7°F)

Critical Temperature: Not available.

Specific Gravity: 2.18 (Water = 1)

Vapor Pressure: 11 mm of Hg (@ 20°C)

Vapor Density: 6.48 (Air = 1)

Volatility: Not available.

Odor Threshold: 10 ppm

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Highly reactive with reducing agents.

Corrosivity:

Extremely corrosive in presence of aluminum. Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 108 mg/kg [Rat]. Acute dermal toxicity (LD50): 300 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 7150 ppm 4 hour(s) [Rat].

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified + (PROVEN) by OSHA. Classified A2 (Suspected for human.) by ACGIH, 2A (Probable for human.) by IARC. DEVELOPMENTAL TOXICITY: PROVEN The substance is toxic to kidneys, the reproductive system, liver, upper respiratory tract.

Other Toxic Effects on Humans:

Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant, permeator), of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Animal: embryotoxic, induces sterility; decrease of sperm count.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Ethylene dibromide : UN1605 PG: I

Special Provisions for Transport: Marine Pollutant, Poison inhalation hazard zone B

Section 15: Other Regulatory Information

Federal and State Regulations:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: 1,2-Dibromoethane California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: 1,2-Dibromoethane Pennsylvania RTK: 1,2-Dibromoethane Florida: 1,2-Dibromoethane Minnesota: 1,2-Dibromoethane Massachusetts RTK: 1,2-Dibromoethane New Jersey: 1,2-Dibromoethane TSCA 8(b) inventory: 1,2-Dibromoethane SARA 313 toxic chemical notification and release reporting: 1,2-Dibromoethane CERCLA: Hazardous substances.: 1,2-Dibromoethane

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):

CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):

R24/25- Toxic in contact with skin and if swallowed. R38- Irritating to skin. R41- Risk of serious damage to eyes. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 0

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

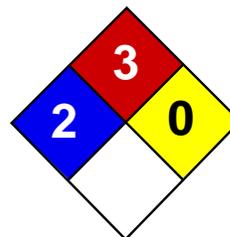
Other Special Considerations: Not available.

Created: 10/09/2005 05:07 PM

Last Updated: 06/09/2012 12:00 PM

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume

no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.



Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet

1,2-Dichloroethane MSDS

Section 1: Chemical Product and Company Identification

Product Name: 1,2-Dichloroethane

Catalog Codes: SLD2521, SLD3721

CAS#: 107-06-2

RTECS: KH9800000

TSCA: TSCA 8(b) inventory: 1,2-Dichloroethane

CI#: Not available.

Synonym: Ethylene dichloride

Chemical Formula: C₂H₄CL₂

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
{1,2-}Dichloroethane	107-06-2	100

Toxicological Data on Ingredients: 1,2-Dichloroethane: ORAL (LD50): Acute: 670 mg/kg [Rat]. 413 mg/kg [Mouse]. DERMAL (LD50): Acute: 2800 mg/kg [Rabbit]. VAPOR (LC50): Acute: 1414.2 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:

Extremely hazardous in case of ingestion. Very hazardous in case of eye contact (irritant), of inhalation. Hazardous in case of skin contact (irritant). Corrosive to skin and eyes on contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Inflammation of the eye is characterized by redness, watering, and itching.

Potential Chronic Health Effects:

Very hazardous in case of ingestion, of inhalation. **CARCINOGENIC EFFECTS:** Classified + (PROVEN) by OSHA. Classified 2B (Possible for human.) by IARC. Classified 2 (Reasonably anticipated.) by NTP. **MUTAGENIC EFFECTS:** Not available. **TERATOGENIC EFFECTS:** Not available. **DEVELOPMENTAL TOXICITY:** Not available. The substance is toxic to lungs, the nervous system, liver, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:

If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. **WARNING:** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:

Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 413°C (775.4°F)

Flash Points: CLOSED CUP: 13°C (55.4°F). OPEN CUP: 18°C (64.4°F).

Flammable Limits: LOWER: 6.2% UPPER: 15.6%

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances:

Flammable in presence of open flames and sparks. Slightly flammable to flammable in presence of oxidizing materials.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive to explosive in presence of oxidizing materials.

Fire Fighting Media and Instructions:

Flammable liquid, soluble or dispersed in water. **SMALL FIRE:** Use DRY chemical powder. **LARGE FIRE:** Use alcohol foam, water spray or fog.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Flammable liquid. Corrosive liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage**Precautions:**

Keep locked up Keep container dry. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapour/spray. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage:

Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F).

Section 8: Exposure Controls/Personal Protection**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 10 CEIL: 75 (ppm) from ACGIH (TLV) TWA: 40 CEIL: 300 (mg/m3) from ACGIH Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Not available.

Taste: Not available.

Molecular Weight: 98.96 g/mole

Color: Not available.

pH (1% soln/water): Not available.

Boiling Point: 83.5°C (182.3°F)

Melting Point: -35.3°C (-31.5°F)

Critical Temperature: Not available.

Specific Gravity: 1.2351 (Water = 1)

Vapor Pressure: 61 mm of Hg (@ 20°C)

Vapor Density: 3.42 (Air = 1)

Volatility: Not available.

Odor Threshold: 26 ppm

Water/Oil Dist. Coeff.: The product is equally soluble in oil and water; $\log(\text{oil/water}) = 0$

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, methanol, diethyl ether, n-octanol, acetone.

Solubility:

Easily soluble in methanol, diethyl ether, n-octanol, acetone. Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 413 mg/kg [Mouse]. Acute dermal toxicity (LD50): 2800 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 1414.2 ppm 4 hour(s) [Rat].

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified + (PROVEN) by OSHA. Classified 2B (Possible for human.) by IARC. Classified 2 (Reasonably anticipated.) by NTP. The substance is toxic to lungs, the nervous system, liver, mucous membranes.

Other Toxic Effects on Humans:

Extremely hazardous in case of ingestion. Very hazardous in case of inhalation. Hazardous in case of skin contact (irritant).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Passes through the placental barrier in animal. Excreted in maternal milk in human.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: Class 3: Flammable liquid.

Identification: : Ethylene dichloride : UN1184 PG: II

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information**Federal and State Regulations:**

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: 1,2-Dichloroethane California prop.

65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: 1,2-Dichloroethane Pennsylvania RTK: 1,2-Dichloroethane Massachusetts RTK: 1,2-Dichloroethane TSCA 8(b) inventory: 1,2-Dichloroethane CERCLA: Hazardous substances.: 1,2-Dichloroethane

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:**WHMIS (Canada):**

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASS E: Corrosive liquid.

DSCL (EEC):

R11- Highly flammable. R20/22- Harmful by inhalation and if swallowed. R38- Irritating to skin. R41- Risk of serious damage to eyes. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 08:17 PM

Last Updated: 06/09/2012 12:00 PM

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.

APPENDIX D
SOIL BORING LOGS



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor

Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-1		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	dark brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	dark brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med grained matrix, sandy loam, no odor
-6	0.0	SP	brown, med grained matrix, sandy loam, no odor
-8	0.0	SP	brown, fine to med grained matrix, sandy loam, no odor
-10	0.0	SP	brown, fine to med grained matrix, sandy loam, no odor
-12	0.0	SP	brown, fine grained matrix, sandy loam, no odor
-14	0.0	SP	brown, fine grained matrix, sandy loam, no odor
-16			



Hydro Tech Environmental, Corp.

Main Office
 2171 Jericho Turnpike, Suite 240
 Commack, New York 11725
 T (631) 462-5866 · F (631) 462-5877
 www.hydrotechenvironmental.com

NYC Office
 1111 Fulton Street, 2nd Floor
 Brooklyn, New York 11238
 T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-2		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 17 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained marix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained marix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med to coarse grained marix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med to coarse grained marix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor

Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

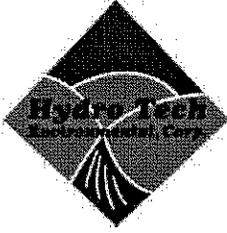
Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-3		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	brown, med to coarse grained matrix, sandy loam, no odor
-2	0.0	SP	brown, med grained matrix, sandy loam, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, fine grained matrix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-4		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 15 1/2 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877
www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-5		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, fine to med grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	
-16			



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877
www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-6		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 17 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble and brick clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-7		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 7 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
2	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
4	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
6	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-8		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 7 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor
	0.0	SP	brown, med grained matrix, sandy loam with pebble and concrete clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-9		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 17 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble and brick clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-10		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	
-16			



Hydro Tech Environmental, Corp.

Main Office
 2171 Jericho Turnpike, Suite 240
 Commack, New York 11725
 T (631) 462-5866 · F (631) 462-5877
 www.hydrotechenvironmental.com

NYC Office
 1111 Fulton Street, 2nd Floor
 Brooklyn, New York 11238
 T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-11		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 17 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor



Hydro Tech Environmental, Corp.

Main Office

2171 Jericho Turnpike, Suite 240
Commack, New York 11725

T (631) 462-5866 · F (631) 462-5877

www.hydrotechenvironmental.com

NYC Office

1111 Fulton Street, 2nd Floor

Brooklyn, New York 11238

T (718) 636-0800 · F (718) 636-0900

Soil Probe Log

Job No:	Date:	Page: 1 of 1
Location: 178-02 Hillside Ave Jamaica, NY		Sampling Interval: 2 Feet
Boring No.: SP-12		Sampling Method: Grab
Drilling Method: Direct push		Driller: Manny
Total Depth: 16 Feet		Depth to Water: N/A

USCS SYMBOLS

GW - Well Graded Gravel	SW - Well Graded Sand	ML - Inorganic Silt / Sandy Silt	CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel	SP - Poorly Graded Sand	CL - Inorganic Clays/Sandy Clay	OH - Organic Silt / Clay
GM - Silty Gravel	SM - Silty Sand	OL - Inorganic Silts/Organic Silty Clay	PT - Peat/High Organics
GC - Clayey Gravel	SC - Clayey Sand	MH - Elastic Silts	

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
---------------------------------	-------------------	------	------------------

0	0.0	SP	asphalt to brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-2	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-4	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-6	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-8	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-10	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-12	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-14	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor
-16	0.0	SP	brown, med to coarse grained matrix, sandy loam with pebble clasts, no odor

SUP. 1, 2, 4 & 6
all the same
as SUP. 5



SOIL BORING/WELL CONSTRUCTION LOG

Project #: 140219	Project Name: 178-02 Hillside Ave	Driller: Ferris
Boring #: SUP-5	Date: 6-9-14	Page 1 of 1
Method: Geoprobe	Geologist: Joel C. Reber	Boring Location: center of property slightly towards 179th

Depth (ft)	PID (ppm)	Recovery (ft)	Sample I.D.	Description	USCS	Remarks
1	0.0	37"		Stone		No odors
	0.0			Brown Sand	SM	
2	0.0			7.5yr 5/4		
3	0.0			SUP-5-3/5 Reddish Brown Sand	SM	
	0.0			7.5yr 5/4		
4	0.0		9:50 w/ larger R.R.			
5	0.0		2/4" in size			
6	0.0	53"	SUP-5-5/7	light white sand 5yr 8/1	SM	
	0.0			9:55 w/ larger pulverized 3/4" R.R.		
7	0.0					
8	0.0			Brown Sand		
	0.0			7.5yr 5/4 w/ 3/4" R.R.	SM	
9	0.0					
10	0.0					
SAND #						
11				Terminated boring @ 10.5' bgs		
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

1 1/4" o.d. 30" of tubing

Gravel Bed



SOIL BORING/WELL CONSTRUCTION LOG

Teflon coated
1/4" tub.

Project #: 140219	Project Name: 178-02 Hillside Ave	Driller: Ferris
Boring #: SUP-3A/B	Date: 6-9-14	Page 1 of 1
Method: Geoprobe	Geologist: Joel C. Reber	Boring Location: SW of Property closer to 178th

Depth (ft)	PID (ppm)	Recovery (ft)	Sample I.D.	Description	USCS	Remarks		
1	0.0	44"	SUP-3-4/5 @ 9:10	Stone 2ft med Dark Reddish Brown sand w/ 3/4" Round Rocks (R.R.)	SM			
2	0.0							
3	0.0					Light white Sand fine w/ larger pulverized 3/4" R.R.	SM	
4	0.0					Dark Reddish Brown Sand No Rocks	SM	
5	0.0							
6	0.0	52"	SUP-3-7/8 @ 9:15	Light white Sand fine w/ larger rock 3/4" R.R. broken	SM			
7	0.0				Yellowish Red sand med. course	SM		
8	0.0				Yellowish Red Sand med to 3/4" R.R.			
9	0.0							
10	0.0							
11				No returns		Terminated boring @ 10.5' bss		
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

Powd Beat

3" Above screen

APPENDIX E
SOIL VAPOR SAMPLING LOGS

APPENDIX F
LABORATORY REPORTS FOR SOIL ANALYTICAL DATA



June 25, 2014

Service Request No: R1404342

Mr. Jim Cinelli
Liberty Environmental, Inc.
50 N. Fifth Street 5th Floor
Reading, PA 19601

Laboratory Results for: 178-02 Hillside Ave.

Dear Mr. Cinelli:

Enclosed are the results of the sample(s) submitted to our laboratory on June 10, 2014. For your reference, these analyses have been assigned our service request number **R1404342**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7477. You may also contact me via email at Lauren.Falanga@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Lauren Falanga
Project Manager

Page 1 of 22

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1404342

<u>Lab ID</u>	<u>Client ID</u>
R1404342-001	SVP-3-4/5
R1404342-003	SVP-5-3/5

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report.

All samples were preserved in accordance with approved analytical methods.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered.

All sampling activities performed by ALS personnel have been in accordance with "ALS Field Procedures and Measurements Manual" or by client specifications.

00002

REPORT QUALIFIERS AND DEFINITIONS

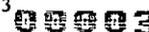
- | | |
|---|--|
| <p>U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.</p> <p>J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).</p> <p>B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.</p> <p>E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.</p> <p>E Organics- Concentration has exceeded the calibration range for that specific analysis.</p> <p>D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.</p> <p>* Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.</p> <p>H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.</p> <p># Spike was diluted out.</p> | <p>+ Correlation coefficient for MSA is <0.995.</p> <p>N Inorganics- Matrix spike recovery was outside laboratory limits.</p> <p>N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.</p> <p>S Concentration has been determined using Method of Standard Additions (MSA).</p> <p>W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.</p> <p>P Concentration >40% (25% for CLP) difference between the two GC columns.</p> <p>C Confirmed by GC/MS</p> <p>Q DoD reports: indicates a pesticide/Aroclor is not confirmed ($\geq 100\%$ Difference between two GC columns).</p> <p>X See Case Narrative for discussion.</p> <p>MRL Method Reporting Limit. Also known as:</p> <p>LOQ Limit of Quantitation (LOQ)
The lowest concentration at which the method analyte may be reliably quantified under the method conditions.</p> <p>MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).</p> <p>LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.</p> <p>ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.</p> |
|---|--|



Rochester Lab ID # for State Certifications¹

NELAP Accredited	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Connecticut ID # PH0556	Nebraska Accredited	
Delaware Accredited	Nevada ID # NY-00032	North Carolina #676
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047		Virginia #460167

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the laboratory case narrative provided. For a specific list of accredited analytes, refer to <http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads>





INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	3010A
200.8	ILM05.3
6010C	3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3010A
6010 SPLP (1312) extract	3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave.
Sample Matrix: Soil
Sample Name: SVP-3-4/5
Lab Code: R1404342-001

Service Request: R1404342
Date Collected: 6/9/14 0910
Date Received: 6/10/14

Basis: As Received

General Chemistry Parameters

Analyte Name	Method	Result Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	96.9	Percent	1.0	1	NA	6/10/14 11:56	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

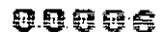
Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave.
 Sample Matrix: Soil
 Sample Name: SVP-3-4/5
 Lab Code: R1404342-001

Service Request: R1404342
 Date Collected: 6/ 9/14 0910
 Date Received: 6/10/14

Basis: Dry
 Percent Solids: 96.9

General Chemistry Parameters

Analyte Name	Method	Result Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Chromium, Hexavalent	7199	0.41 U	mg/Kg	0.41	1	6/17/14	6/18/14 02:10	
Chromium, Hexavalent	7199	0.41 U	mg/Kg	0.41	1	6/17/14	6/18/14 02:18	
Chromium, Trivalent	Calculation	12.8	mg/Kg	1.0	1	NA		
Cyanide, Total	9012B	0.092 U	mg/Kg	0.092	1	6/17/14	6/18/14 11:34	



ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave.
Sample Matrix: Soil
Sample Name: SVP-3-4/5
Lab Code: R1404342-001

Service Request: R1404342
Date Collected: 6/ 9/14 0910
Date Received: 6/10/14

Basis: Dry
Percent Solids: 96.9

Inorganic Parameters

Analyte Name	Method	Result Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	1.8	mg/Kg	1.0	1	6/20/14	6/24/14 09:00	
Barium, Total	6010C	22.1	mg/Kg	2.0	1	6/20/14	6/23/14 19:53	
Beryllium, Total	6010C	0.30 U	mg/Kg	0.30	1	6/20/14	6/23/14 19:53	
Cadmium, Total	6010C	0.50 U	mg/Kg	0.50	1	6/20/14	6/23/14 19:53	
Chromium, Total	6010C	13.1	mg/Kg	1.0	1	6/20/14	6/23/14 19:53	
Copper, Total	6010C	13.8	mg/Kg	2.0	1	6/20/14	6/23/14 19:53	
Lead, Total	6010C	5.0 U	mg/Kg	5.0	1	6/20/14	6/23/14 19:53	
Manganese, Total	6010C	292	mg/Kg	1.0	1	6/20/14	6/23/14 19:53	
Mercury, Total	7471B	0.031 U	mg/Kg	0.031	1	6/18/14	6/19/14 16:46	
Nickel, Total	6010C	15.8	mg/Kg	4.0	1	6/20/14	6/23/14 19:53	
Selenium, Total	6010C	1.0 U	mg/Kg	1.0	1	6/20/14	6/23/14 19:53	
Silver, Total	6010C	1.0 U	mg/Kg	1.0	1	6/20/14	6/23/14 19:53	
Zinc, Total	6010C	13.4	mg/Kg	2.0	1	6/20/14	6/23/14 19:53	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave.
 Sample Matrix: Soil

Service Request: R1404342
 Date Collected: 6/9/14 0910
 Date Received: 6/10/14
 Date Extracted: 6/12/14
 Date Analyzed: 6/16/14 18:40

Sample Name: SVP-3-4/5
 Lab Code: R1404342-001

Units: µg/Kg
 Basis: Dry
 Percent Solids: 96.9

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
 Prep Method: EPA 3541
 Data File Name: I:\ACQUDATA\5973A\DATA\061614\CZ140.D\

Analysis Lot: 397532
 Extraction Lot: 210493
 Instrument Name: R-MS-51
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	Note
95-48-7	o-Cresol	340	U	340	
	m,p-Cresols	340	U	340	
83-32-9	Acenaphthene	340	U	340	
208-96-8	Acenaphthylene	340	U	340	
120-12-7	Anthracene	340	U	340	
56-55-3	Benz(a)anthracene	340	U	340	
50-32-8	Benzo(a)pyrene	340	U	340	
205-99-2	Benzo(b)fluoranthene	340	U	340	
191-24-2	Benzo(g,h,i)perylene	340	U	340	
207-08-9	Benzo(k)fluoranthene	340	U	340	
218-01-9	Chrysene	340	U	340	
53-70-3	Dibenz(a,h)anthracene	340	U	340	
132-64-9	Dibenzofuran	340	U	340	
206-44-0	Fluoranthene	340	U	340	
86-73-7	Fluorene	340	U	340	
193-39-5	Indeno(1,2,3-cd)pyrene	340	U	340	
91-20-3	Naphthalene	340	U	340	
87-86-5	Pentachlorophenol	1800	U	1800	
85-01-8	Phenanthrene	340	U	340	
108-95-2	Phenol	340	U	340	
129-00-0	Pyrene	340	U	340	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	58	41-151	6/16/14 18:40	
2-Fluorobiphenyl	62	47-126	6/16/14 18:40	
2-Fluorophenol	58	16-129	6/16/14 18:40	
Nitrobenzene-d5	59	39-136	6/16/14 18:40	
Phenol-d6	68	10-145	6/16/14 18:40	
p-Terphenyl-d14	72	35-152	6/16/14 18:40	



ALS Group USA, Corp. dba ALS Environmental

Analytical Report

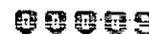
Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave.
Sample Matrix: Soil
Sample Name: SVP-5-3/5
Lab Code: R1404342-003

Service Request: R1404342
Date Collected: 6/9/14 0950
Date Received: 6/10/14

Basis: As Received

General Chemistry Parameters

Analyte Name	Method	Result Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	97.1	Percent	1.0	1	NA	6/10/14 11:56	



ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave.
 Sample Matrix: Soil
 Sample Name: SVP-5-3/5
 Lab Code: R1404342-003

Service Request: R1404342
 Date Collected: 6/9/14 0950
 Date Received: 6/10/14

Basis: Dry
 Percent Solids: 97.1

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Chromium, Hexavalent	7199	0.40	U	mg/Kg	0.40	1	6/17/14	6/18/14 02:48	
Chromium, Hexavalent	7199	0.40	U	mg/Kg	0.40	1	6/17/14	6/18/14 02:40	
Chromium, Trivalent	Calculation	27.7		mg/Kg	1.0	1	NA		
Cyanide, Total	9012B	0.090	U	mg/Kg	0.090	1	6/17/14	6/18/14 11:34	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave.
Sample Matrix: Soil
Sample Name: SVP-5-3/5
Lab Code: R1404342-003

Service Request: R1404342
Date Collected: 6/ 9/14 0950
Date Received: 6/10/14

Basis: Dry
Percent Solids: 97.1

Inorganic Parameters

Analyte Name	Method	Result Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	1.5	mg/Kg	1.0	1	6/20/14	6/24/14 09:07	
Barium, Total	6010C	34.4	mg/Kg	2.0	1	6/20/14	6/23/14 19:59	
Beryllium, Total	6010C	0.31 U	mg/Kg	0.31	1	6/20/14	6/23/14 19:59	
Cadmium, Total	6010C	0.51 U	mg/Kg	0.51	1	6/20/14	6/23/14 19:59	
Chromium, Total	6010C	28.0	mg/Kg	1.0	1	6/20/14	6/23/14 19:59	
Copper, Total	6010C	31.3	mg/Kg	2.0	1	6/20/14	6/23/14 19:59	
Lead, Total	6010C	5.1 U	mg/Kg	5.1	1	6/20/14	6/23/14 19:59	
Manganese, Total	6010C	310	mg/Kg	1.0	1	6/20/14	6/23/14 19:59	
Mercury, Total	7471B	0.031 U	mg/Kg	0.031	1	6/18/14	6/19/14 16:47	
Nickel, Total	6010C	25.9	mg/Kg	4.1	1	6/20/14	6/23/14 19:59	
Selenium, Total	6010C	1.0 U	mg/Kg	1.0	1	6/20/14	6/23/14 19:59	
Silver, Total	6010C	1.0 U	mg/Kg	1.0	1	6/20/14	6/23/14 19:59	
Zinc, Total	6010C	20.3	mg/Kg	2.0	1	6/20/14	6/23/14 19:59	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave.
 Sample Matrix: Soil

Service Request: R1404342
 Date Collected: 6/ 9/14 0950
 Date Received: 6/10/14
 Date Extracted: 6/12/14
 Date Analyzed: 6/16/14 19:06

Sample Name: SVP-5-3/5
 Lab Code: R1404342-003

Units: µg/Kg
 Basis: Dry
 Percent Solids: 97.1

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
 Prep Method: EPA 3541
 Data File Name: I:\ACQUDATA\5973A\DATA\061614\CZ141.D\

Analysis Lot: 397532
 Extraction Lot: 210493
 Instrument Name: R-MS-51
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	Note
95-48-7	o-Cresol	340	U	340	
	m,p-Cresols	340	U	340	
83-32-9	Acenaphthene	340	U	340	
208-96-8	Acenaphthylene	340	U	340	
120-12-7	Anthracene	340	U	340	
56-55-3	Benz(a)anthracene	340	U	340	
50-32-8	Benzo(a)pyrene	340	U	340	
205-99-2	Benzo(b)fluoranthene	340	U	340	
191-24-2	Benzo(g,h,i)perylene	340	U	340	
207-08-9	Benzo(k)fluoranthene	340	U	340	
218-01-9	Chrysene	340	U	340	
53-70-3	Dibenz(a,h)anthracene	340	U	340	
132-64-9	Dibenzofuran	340	U	340	
206-44-0	Fluoranthene	340	U	340	
86-73-7	Fluorene	340	U	340	
193-39-5	Indeno(1,2,3-cd)pyrene	340	U	340	
91-20-3	Naphthalene	340	U	340	
87-86-5	Pentachlorophenol	1800	U	1800	
85-01-8	Phenanthrene	340	U	340	
108-95-2	Phenol	340	U	340	
129-00-0	Pyrene	340	U	340	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	70	41-151	6/16/14 19:06	
2-Fluorobiphenyl	75	47-126	6/16/14 19:06	
2-Fluorophenol	66	16-129	6/16/14 19:06	
Nitrobenzene-d5	61	39-136	6/16/14 19:06	
Phenol-d6	75	10-145	6/16/14 19:06	
p-Terphenyl-d14	78	35-152	6/16/14 19:06	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave.
Sample Matrix: Soil
Sample Name: Method Blank
Lab Code: R1404342-MB

Service Request: R1404342
Date Collected: NA
Date Received: NA

Basis: As Received

General Chemistry Parameters

Analyte Name	Method	Result Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Solids, Total	160.3 Modified	1.0 U	Percent	1.0	1	NA	6/10/14 11:56	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave.
 Sample Matrix: Soil
 Sample Name: Method Blank
 Lab Code: R1404342-MB

Service Request: R1404342
 Date Collected: NA
 Date Received: NA

Basis: Dry

General Chemistry Parameters

Analyte Name	Method	Result	Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Chromium, Hexavalent	7199	0.40	U	mg/Kg	0.40	1	6/17/14	6/17/14 21:02	
Chromium, Hexavalent	7199	0.40	U	mg/Kg	0.40	1	6/17/14	6/17/14 21:09	
Cyanide, Total	9012B	0.10	U	mg/Kg	0.10	1	6/17/14	6/18/14 11:30	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave.
 Sample Matrix: Soil
 Sample Name: Method Blank
 Lab Code: R1404342-MB

Service Request: R1404342
 Date Collected: NA
 Date Received: NA

Basis: Dry

Inorganic Parameters

Analyte Name	Method	Result Q	Units	MRL	Dilution Factor	Date Extracted	Date Analyzed	Note
Arsenic, Total	6010C	1.0 U	mg/Kg	1.0	1	6/20/14	6/24/14 08:47	
Barium, Total	6010C	2.0 U	mg/Kg	2.0	1	6/20/14	6/23/14 17:23	
Beryllium, Total	6010C	0.30 U	mg/Kg	0.30	1	6/20/14	6/23/14 17:23	
Cadmium, Total	6010C	0.50 U	mg/Kg	0.50	1	6/20/14	6/23/14 17:23	
Chromium, Total	6010C	1.0 U	mg/Kg	1.0	1	6/20/14	6/23/14 17:23	
Copper, Total	6010C	2.0 U	mg/Kg	2.0	1	6/20/14	6/23/14 17:23	
Lead, Total	6010C	5.0 U	mg/Kg	5.0	1	6/20/14	6/23/14 17:23	
Manganese, Total	6010C	1.0 U	mg/Kg	1.0	1	6/20/14	6/23/14 17:23	
Mercury, Total	7471B	0.033 U	mg/Kg	0.033	1	6/18/14	6/19/14 16:41	
Nickel, Total	6010C	4.0 U	mg/Kg	4.0	1	6/20/14	6/23/14 17:23	
Selenium, Total	6010C	1.0 U	mg/Kg	1.0	1	6/20/14	6/23/14 17:23	
Silver, Total	6010C	1.0 U	mg/Kg	1.0	1	6/20/14	6/23/14 17:23	
Zinc, Total	6010C	2.0 U	mg/Kg	2.0	1	6/20/14	6/23/14 17:23	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave.
 Sample Matrix: Soil

Service Request: R1404342
 Date Collected: NA
 Date Received: NA
 Date Extracted: 6/12/14
 Date Analyzed: 6/16/14 14:11

Sample Name: Method Blank
 Lab Code: RQ1406497-01

Units: µg/Kg
 Basis: Dry

Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
 Prep Method: EPA 3541
 Data File Name: I:\ACQUADATA\5973A\DATA\061614\CZ130.D\

Analysis Lot: 397532
 Extraction Lot: 210493
 Instrument Name: R-MS-51
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	Note
95-48-7	o-Cresol	330	U	330	
	m,p-Cresols	330	U	330	
83-32-9	Acenaphthene	330	U	330	
208-96-8	Acenaphthylene	330	U	330	
120-12-7	Anthracene	330	U	330	
56-55-3	Benz(a)anthracene	330	U	330	
50-32-8	Benzo(a)pyrene	330	U	330	
205-99-2	Benzo(b)fluoranthene	330	U	330	
191-24-2	Benzo(g,h,i)perylene	330	U	330	
207-08-9	Benzo(k)fluoranthene	330	U	330	
218-01-9	Chrysene	330	U	330	
53-70-3	Dibenz(a,h)anthracene	330	U	330	
132-64-9	Dibenzofuran	330	U	330	
206-44-0	Fluoranthene	330	U	330	
86-73-7	Fluorene	330	U	330	
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	330	
91-20-3	Naphthalene	330	U	330	
87-86-5	Pentachlorophenol	1700	U	1700	
85-01-8	Phenanthrene	330	U	330	
108-95-2	Phenol	330	U	330	
129-00-0	Pyrene	330	U	330	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	58	41-151	6/16/14 14:11	
2-Fluorobiphenyl	68	47-126	6/16/14 14:11	
2-Fluorophenol	56	16-129	6/16/14 14:11	
Nitrobenzene-d5	56	39-136	6/16/14 14:11	
Phenol-d6	65	10-145	6/16/14 14:11	
p-Terphenyl-d14	70	35-152	6/16/14 14:11	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave.
Sample Matrix: Soil

Service Request: R1404342
Date Analyzed: 6/17/14 -
6/18/14

Lab Control Sample Summary
General Chemistry Parameters

Units: mg/Kg
Basis: Dry

Analyte Name	Method	Lab Control Sample R1404342-LCS1			% Rec Limits
		Result	Spike Amount	% Rec	
Chromium, Hexavalent	7199	608	669	91	80 - 120
Chromium, Hexavalent	7199	608	669	91	80 - 120
Cyanide, Total	9012B	0.898	1.00	90	85 - 115

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave.
Sample Matrix: Soil

Service Request: R1404342
Date Analyzed: 6/18/14

Lab Control Sample Summary
General Chemistry Parameters

Units: mg/Kg
Basis: Dry

Analyte Name	Method	Lab Control Sample R1404342-LCS2			% Rec Limits
		Result	Spike Amount	% Rec	
Cyanide, Total	9012B	3.60	4.00	90	85 - 115

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave.
 Sample Matrix: Soil

Service Request: R1404342
 Date Analyzed: 6/19/14 -
 6/24/14

Lab Control Sample Summary
 Inorganic Parameters

Units: mg/Kg
 Basis: Dry

Lab Control Sample
 R1404342-LCS

Analyte Name	Method	Result	Spike		% Rec Limits
			Amount	% Rec	
Arsenic, Total	6010C	3.70	4.0	92	80 - 120
Barium, Total	6010C	195	200	98	80 - 120
Beryllium, Total	6010C	4.63	5.00	93	80 - 120
Cadmium, Total	6010C	4.60	5.00	92	80 - 120
Chromium, Total	6010C	20.7	20.0	104	80 - 120
Copper, Total	6010C	25.8	25.0	103	80 - 120
Lead, Total	6010C	47.4	50.0	95	80 - 120
Manganese, Total	6010C	48.6	50.0	97	80 - 120
Mercury, Total	7471B	0.161	0.167	97	80 - 120
Nickel, Total	6010C	49.5	50.0	99	80 - 120
Selenium, Total	6010C	83.5	101	83	80 - 120
Silver, Total	6010C	4.82	5.0	96	80 - 120
Zinc, Total	6010C	48.7	50.0	97	80 - 120

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave.
 Sample Matrix: Soil

Service Request: R1404342
 Date Analyzed: 6/16/14

Lab Control Sample Summary
 Semivolatile Organic Compounds by GC/MS

Analytical Method: 8270D
 Prep Method: EPA 3541

Units: µg/Kg.
 Basis: Dry

Extraction Lot: 210493

Analyte Name	Lab Control Sample RQ1406497-02			Duplicate Lab Control Sample RQ1406497-03			% Rec Limits	RPD	RPD Limit
	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
o-Cresol	2030	3330	61	1760	3330	53	38 - 123	14	30
m,p-Cresols	3970	6670	60	3380	6670	51	42 - 114	16	30
Acenaphthene	2090	3330	63	1790	3330	54	43 - 133	15	30
Acenaphthylene	2160	3330	65	1860	3330	56	45 - 133	15	30
Anthracene	2050	3330	62	1750	3330	53	48 - 129	16	30
Benz(a)anthracene	1900	3330	57	1610	3330	48	48 - 129	16	30
Benzo(a)pyrene	1900	3330	57	1630	3330	49	45 - 125	15	30
Benzo(b)fluoranthene	1940	3330	58	1640	3330	49	45 - 136	17	30
Benzo(g,h,i)perylene	2030	3330	61	1700	3330	51	51 - 131	17	30
Benzo(k)fluoranthene	1810	3330	54	1570	3330	47	43 - 131	14	30
Chrysene	1930	3330	58	1650	3330	49	48 - 128	16	30
Dibenz(a,h)anthracene	1970	3330	59	1680	3330	50	50 - 135	16	30
Dibenzofuran	2020	3330	60	1690	3330	51	45 - 126	18	30
Fluoranthene	2190	3330	66	1870	3330	56	46 - 138	16	30
Fluorene	2000	3330	60	1720	3330	52	46 - 134	15	30
Indeno(1,2,3-cd)pyrene	1910	3330	57	1590	3330	48	48 - 128	18	30
Naphthalene	1980	3330	59	1680	3330	50	31 - 123	17	30
Pentachlorophenol	1230	3330	37	967	3330	29	17 - 150	24	30
Phenanthrene	2110	3330	63	1780	3330	53	45 - 140	17	30
Phenol	2310	3330	69	2010	3330	60	10 - 144	14	30
Pyrene	2230	3330	67	1890	3330	57	45 - 132	17	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.



Cooler Receipt and Preservation Check Form

Project/Client Liberty Environmental Folder Number R1404342

Cooler received on 6/10/14 by: CW

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
2	Custody papers properly completed (ink, signed)?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
3	Did all bottles arrive in good condition (unbroken)?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
4	Circle: <u>Wet Ice</u> Dry Ice Gel packs present?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N

5a	Perchlorate samples have required headspace?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input checked="" type="checkbox"/> NA
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input checked="" type="checkbox"/> NA
6	Where did the bottles originate?	<u>ALS/ROC</u>	CLIENT	
7	Soil VOA received as:	Bulk	Encore	5035set <input checked="" type="checkbox"/> NA

8. Temperature Readings Date: 6/10/14 Time: 0920 ID: IR#3 IR#4 From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>3.1</u>							
Correction Factor (°C)	<u>+0.2</u>							
Corrected Temp (°C)	<u>3.3</u>							
Within 0-6°C?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> Y	<input type="checkbox"/> N

If out of Temperature, note packing/ice condition: _____ Ice melted _____ Poorly Packed _____ Same Day Rule _____
& Client Approval to Run Samples: _____ Standing Approval _____ Client aware at drop-off _____ Client notified by: _____

All samples held in storage location: R-002 by CW on 6/10/14 at 0925
5035 samples placed in storage location: _____ by _____ on _____ at _____

PC Secondary Review: VF

Cooler Breakdown: Date: 6/10/14 Time: 1333 by: CW

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
- Did all bottle labels and tags agree with custody papers? YES NO
- Were correct containers used for the tests indicated? YES NO
- Air Samples: Cassettes / Tubes Intact _____ Canisters Pressurized _____ Tedlar® Bags Inflated N/A

Explain any discrepancies:

pH	Reagent	Yes	No	Lot-Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO ₃								
≤2	H ₂ SO ₄								
<4	NaHSO ₄								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add Na ₂ S ₂ O ₃ (CN), ascorbic (phenol).					
	Na ₂ S ₂ O ₃	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

Yes=All samples OK
No=Samples were preserved at The lab as listed
PM OK to Adjust: _____

**Not to be tested before analysis - pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: 031714-18115
Other Comments: _____

PC Secondary Review: VF

*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter

APPENDIX G
LABORATORY REPORTS FOR SOIL VAPOR ANALYTICAL DATA



June 26, 2014

Service Request No: R1404427

Mr. Joel Reber
Liberty Environmental, Inc.
50 N. Fifth Street 5th Floor
Reading, PA 19601

Laboratory Results for: 178-02 Hillside Ave/140219

Dear Mr. Reber:

Enclosed are the results of the sample(s) submitted to our laboratory on June 11, 2014. For your reference, these analyses have been assigned our service request number **R1404427**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7477. You may also contact me via email at Lauren.Falanga@alsglobal.com.

Respectfully submitted,

ALS Group USA Corp. dba ALS Environmental

Lauren Falanga
Project Manager

Page 1 of 28

ALS-ENVIRONMENTAL

Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave/ 140219
Sample Matrix: Air

Service Request No.: R1404427
Date Received: 06/11/14

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS. This report contains analytical results for samples designated for Tier II. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Seven (7) samples were collected in SUMMA canisters on 06/10/14 and received for analysis at ALS-Rochester on 06/11/14. The samples were received in good condition consistent with the accompanying chain of custody form enclosed except as noted on the Cooler Receipt and Preservation Check Form.

Volatile Organics - TO-15 Analysis

The air samples were analyzed for a site list of Volatile Organics by EPA method TO-15. Results detected between the MRL and the MDL have been flagged with a "J" as estimated. All samples are screened prior to analysis.

All samples were analyzed at appropriate dilutions based on prescreening of the samples to bring the target analytes within the calibration range of the method.

All initial and continuing calibrations were compliant.

The Method Blanks were free from contamination except "J" flagged values for Carbon disulfide on the 6/16/14 run and Carbon disulfide and 1,4-Dichlorobenzene on the 6/18/14 run.

The Blank Spike (LCS) recoveries were all within QC limits of 70 – 130 %.

No other analytical or quality control problems were encountered during analysis.

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1404427

<u>Lab ID</u>	<u>Client ID</u>
R1404427-001	SVP-1
R1404427-002	SVP-2
R1404427-003	SVP-3A
R1404427-004	DUPLICATE
R1404427-005	SVP-4
R1404427-006	SVP-5
R1404427-007	SVP-6

00003



REPORT QUALIFIERS AND DEFINITIONS

- U Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).
B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E Organics- Concentration has exceeded the calibration range for that specific analysis.
D Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
* Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
Spike was diluted out.
+ Correlation coefficient for MSA is <0.995.
N Inorganics- Matrix spike recovery was outside laboratory limits.
N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S Concentration has been determined using Method of Standard Additions (MSA).
W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P Concentration >40% (25% for CLP) difference between the two GC columns.
C Confirmed by GC/MS
Q DoD reports: indicates a pesticide/Aroclor is not confirmed (>=100% Difference between two GC columns).
X See Case Narrative for discussion.
MRL Method Reporting Limit. Also known as:
LOQ Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.



Rochester Lab ID # for State Certifications¹

Table with 3 columns: State/ID, Accredited ID, and State/ID. Rows include Maine, New Hampshire, Connecticut, Nebraska, Delaware, Nevada, DoD ELAP, New Jersey, Florida, New York, Illinois, and Virginia.

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the laboratory case narrative provided. For a specific list of accredited analytes, refer to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-1
 Lab Code: R1404427-001

Service Request: R1404427
 Date Collected: 6/10/14 1142
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/16/14 2223
 Canister Dilution Factor: 1.52

Initial Pressure (psig): -2.70 Final Pressure (psig): 3.56

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
74-87-3	Chloromethane	143	4.8	4.8	0.11	2.3	2.3	0.052	U
75-01-4	Vinyl Chloride	143	0.64	0.64	0.15	0.25	0.25	0.059	U
74-83-9	Bromomethane	143	4.6	4.6	0.35	1.2	1.2	0.088	U
75-00-3	Chloroethane	143	6.2	6.2	0.25	2.3	2.3	0.093	U
67-64-1	Acetone	143	240	53	2.0	100	22	0.84	
75-69-4	Trichlorofluoromethane (CFC 11)	143	88	6.6	0.24	16	1.2	0.042	
75-35-4	1,1-Dichloroethene	143	4.7	4.7	0.12	1.2	1.2	0.030	U
75-09-2	Methylene Chloride	143	4.0	4.0	0.21	0.41	1.2	0.059	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	143	1.8	1.8	0.42	0.099	0.24	0.054	U
75-15-0	Carbon Disulfide	143	3.6	3.6	0.11	1.0	1.2	0.035	U
156-60-5	trans-1,2-Dichloroethene	143	4.7	4.7	0.13	1.2	1.2	0.033	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	143	4.8	4.8	0.19	1.2	1.2	0.045	U
1634-04-4	Methyl tert-Butyl Ether	143	8.4	8.4	0.11	2.3	2.3	0.030	U
108-05-4	Vinyl Acetate	143	53	53	0.11	15	15	0.031	U
78-93-3	2-Butanone (MEK)	143	21	6.9	0.23	7.1	2.3	0.076	
156-59-2	cis-1,2-Dichloroethene	143	4.7	4.7	0.20	1.2	1.2	0.049	U
67-66-3	Chloroform	143	7.6	5.7	0.29	1.6	1.2	0.059	
107-06-2	1,2-Dichloroethane	143	4.8	4.8	0.25	1.2	1.2	0.061	U
71-55-6	1,1,1-Trichloroethane (TCA)	143	6.4	6.4	0.40	0.075	1.2	0.073	U
71-43-2	Benzene	143	3.7	3.7	0.11	1.1	1.2	0.034	U
56-23-5	Carbon Tetrachloride	143	0.74	0.74	0.32	0.076	0.12	0.051	U
78-87-5	1,2-Dichloropropane	143	5.4	5.4	0.20	1.2	1.2	0.042	U
75-27-4	Bromodichloromethane	143	1.6	1.6	0.46	0.24	0.24	0.069	U
79-01-6	Trichloroethene (TCE)	143	0.88	0.64	0.26	0.16	0.12	0.048	
10061-01-5	cis-1,3-Dichloropropene	143	11	11	0.15	2.3	2.3	0.033	U
108-10-1	4-Methyl-2-pentanone	143	9.6	9.6	0.11	0.14	2.3	0.026	U
10061-02-6	trans-1,3-Dichloropropene	143	5.3	5.3	0.14	1.2	1.2	0.031	U
79-00-5	1,1,2-Trichloroethane	143	6.4	6.4	0.38	1.2	1.2	0.069	U
108-88-3	Toluene	143	65	4.4	0.11	17	1.2	0.029	
591-78-6	2-Hexanone	143	4.8	4.8	0.15	0.43	1.2	0.037	U
124-48-1	Dibromochloromethane	143	2.0	2.0	0.40	0.24	0.24	0.047	U
106-93-4	1,2-Dibromoethane	143	1.8	1.8	0.37	0.24	0.24	0.048	U
127-18-4	Tetrachloroethene (PCE)	143	15	0.85	0.30	2.3	0.13	0.044	
108-90-7	Chlorobenzene	143	5.4	5.4	0.25	1.2	1.2	0.054	U
100-41-4	Ethylbenzene	143	15	10	0.12	3.5	2.3	0.027	
179601-23-1	m,p-Xylenes	143	67	20	0.20	15	4.7	0.045	
75-25-2	Bromoform	143	12	12	0.54	1.2	1.2	0.052	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave/140219
Sample Matrix: Air
Sample Name: SVP-1
Lab Code: R1404427-001

Service Request: R1404427
Date Collected: 6/10/14 1142
Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/16/14 2223
Canister Dilution Factor: 1.52

Initial Pressure (psig): -2.70 Final Pressure (psig): 3.56

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
100-42-5	Styrene	143	10	10	0.11	2.3	2.3	0.025	U
95-47-6	o-Xylene	143	26	10	0.11	6.0	2.3	0.025	
79-34-5	1,1,2,2-Tetrachloroethane	143	1.6	1.6	0.35	0.23	0.23	0.050	U
541-73-1	1,3-Dichlorobenzene	143	14	14	0.27	2.3	2.3	0.045	U
106-46-7	1,4-Dichlorobenzene	143	14	14	0.20	2.3	2.3	0.032	U
95-50-1	1,2-Dichlorobenzene	143	14	14	0.25	2.3	2.3	0.041	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	102	70-130	6/16/14 2223	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-2
 Lab Code: R1404427-002

Service Request: R1404427
 Date Collected: 6/10/14 1147
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/16/14 2306
 Canister Dilution Factor: 1.49

Initial Pressure (psig): -2.50 Final Pressure (psig): 3.51

CAS #	Analyte Name	Sample Amount mL	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	MDL $\mu\text{g}/\text{m}^3$	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
74-87-3	Chloromethane	140	4.8	4.8	0.11	2.3	2.3	0.052	U
75-01-4	Vinyl Chloride	140	0.64	0.64	0.15	0.25	0.25	0.059	U
74-83-9	Bromomethane	140	4.6	4.6	0.35	1.2	1.2	0.088	U
75-00-3	Chloroethane	140	6.2	6.2	0.25	2.3	2.3	0.093	U
67-64-1	Acetone	140	250	53	2.0	110	22	0.84	
75-69-4	Trichlorofluoromethane (CFC 11)	140	110	6.6	0.24	20	1.2	0.042	
75-35-4	1,1-Dichloroethene	140	4.7	4.7	0.12	1.2	1.2	0.030	U
75-09-2	Methylene Chloride	140	4.0	4.0	0.21	0.41	1.2	0.059	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	140	1.8	1.8	0.42	0.086	0.24	0.054	U
75-15-0	Carbon Disulfide	140	3.6	3.6	0.11	1.0	1.2	0.035	U
156-60-5	trans-1,2-Dichloroethene	140	4.7	4.7	0.13	1.2	1.2	0.033	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	140	4.8	4.8	0.19	1.2	1.2	0.045	U
1634-04-4	Methyl tert-Butyl Ether	140	8.4	8.4	0.11	2.3	2.3	0.030	U
108-05-4	Vinyl Acetate	140	53	53	0.11	15	15	0.031	U
78-93-3	2-Butanone (MEK)	140	15	6.9	0.23	5.1	2.3	0.076	
156-59-2	cis-1,2-Dichloroethene	140	4.7	4.7	0.20	1.2	1.2	0.049	U
67-66-3	Chloroform	140	5.7	5.7	0.29	0.11	1.2	0.059	U
107-06-2	1,2-Dichloroethane	140	4.8	4.8	0.25	1.2	1.2	0.061	U
71-55-6	1,1,1-Trichloroethane (TCA)	140	6.4	6.4	0.40	0.078	1.2	0.073	U
71-43-2	Benzene	140	3.7	3.7	0.11	0.88	1.2	0.034	U
56-23-5	Carbon Tetrachloride	140	1.1	0.75	0.32	0.18	0.12	0.051	
78-87-5	1,2-Dichloropropane	140	5.4	5.4	0.20	1.2	1.2	0.042	U
75-27-4	Bromodichloromethane	140	1.6	1.6	0.46	0.24	0.24	0.069	U
79-01-6	Trichloroethene (TCE)	140	0.64	0.64	0.26	0.12	0.12	0.048	U
10061-01-5	cis-1,3-Dichloropropene	140	11	11	0.15	2.3	2.3	0.033	U
108-10-1	4-Methyl-2-pentanone	140	9.6	9.6	0.11	2.3	2.3	0.026	U
10061-02-6	trans-1,3-Dichloropropene	140	5.3	5.3	0.14	1.2	1.2	0.031	U
79-00-5	1,1,2-Trichloroethane	140	6.4	6.4	0.38	1.2	1.2	0.069	U
108-88-3	Toluene	140	52	4.4	0.11	14	1.2	0.029	
591-78-6	2-Hexanone	140	4.8	4.8	0.15	0.48	1.2	0.037	U
124-48-1	Dibromochloromethane	140	2.0	2.0	0.40	0.24	0.24	0.047	U
106-93-4	1,2-Dibromoethane	140	1.8	1.8	0.37	0.24	0.24	0.048	U
127-18-4	Tetrachloroethene (PCE)	140	17	0.85	0.30	2.6	0.13	0.044	
108-90-7	Chlorobenzene	140	5.4	5.4	0.25	1.2	1.2	0.054	U
100-41-4	Ethylbenzene	140	11	10	0.12	2.6	2.3	0.027	
179601-23-1	m,p-Xylenes	140	50	20	0.20	11	4.7	0.045	
75-25-2	Bromoform	140	12	12	0.54	1.2	1.2	0.052	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-2
 Lab Code: R1404427-002

Service Request: R1404427
 Date Collected: 6/10/14 1147
 Date Received: 6/11/14

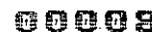
Analytical Method: TO-15

Date Analyzed: 6/16/14 2306
 Canister Dilution Factor: 1.49

Initial Pressure (psig): -2.50 Final Pressure (psig): 3.51

CAS #	Analyte Name	Sample Amount mL	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	MDL $\mu\text{g}/\text{m}^3$	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
100-42-5	Styrene	140	10	10	0.11	2.4	2.4	0.026	U
95-47-6	o-Xylene	140	20	10	0.11	4.6	2.3	0.025	
79-34-5	1,1,2,2-Tetrachloroethane	140	1.6	1.6	0.35	0.23	0.23	0.050	U
541-73-1	1,3-Dichlorobenzene	140	14	14	0.27	2.3	2.3	0.045	U
106-46-7	1,4-Dichlorobenzene	140	14	14	0.20	2.3	2.3	0.032	U
95-50-1	1,2-Dichlorobenzene	140	14	14	0.25	2.3	2.3	0.041	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	102	70-130	6/16/14 2306	



ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-3A
 Lab Code: R1404427-003

Service Request: R1404427
 Date Collected: 6/10/14 1151
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/18/14 1134
 Canister Dilution Factor: 1.52

Initial Pressure (psig): -2.70 Final Pressure (psig): 3.54

CAS #	Analyte Name	Sample Amount mL	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	MDL $\mu\text{g}/\text{m}^3$	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
74-87-3	Chloromethane	230	3.0	3.0	0.067	1.4	1.4	0.033	U
75-01-4	Vinyl Chloride	230	0.40	0.40	0.093	0.16	0.16	0.037	U
74-83-9	Bromomethane	230	2.8	2.8	0.22	0.73	0.73	0.055	U
75-00-3	Chloroethane	230	3.8	3.8	0.16	1.5	1.5	0.058	U
67-64-1	Acetone	230	120	33	1.3	50	14	0.53	
75-69-4	Trichlorofluoromethane (CFC 11)	230	4.9	4.1	0.15	0.87	0.73	0.026	
75-35-4	1,1-Dichloroethene	230	2.9	2.9	0.073	0.73	0.73	0.019	U
75-09-2	Methylene Chloride	230	2.5	2.5	0.13	0.34	0.72	0.037	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	230	1.1	1.1	0.26	0.078	0.15	0.034	U
75-15-0	Carbon Disulfide	230	2.9	2.2	0.067	0.94	0.72	0.022	
156-60-5	trans-1,2-Dichloroethene	230	2.9	2.9	0.080	0.73	0.73	0.021	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	230	3.0	3.0	0.12	0.74	0.74	0.028	U
1634-04-4	Methyl tert-Butyl Ether	230	5.2	5.2	0.067	1.4	1.4	0.019	U
108-05-4	Vinyl Acetate	230	33	33	0.067	9.4	9.4	0.019	U
78-93-3	2-Butanone (MEK)	230	8.6	4.3	0.14	2.9	1.5	0.048	
156-59-2	cis-1,2-Dichloroethene	230	2.9	2.9	0.12	0.73	0.73	0.031	U
67-66-3	Chloroform	230	3.6	3.6	0.18	0.11	0.73	0.037	U
107-06-2	1,2-Dichloroethane	230	3.0	3.0	0.16	0.74	0.74	0.038	U
71-55-6	1,1,1-Trichloroethane (TCA)	230	4.0	4.0	0.25	0.73	0.73	0.045	U
71-43-2	Benzene	230	2.7	2.3	0.067	0.85	0.72	0.021	
56-23-5	Carbon Tetrachloride	230	0.46	0.46	0.20	0.046	0.074	0.032	U
78-87-5	1,2-Dichloropropane	230	3.4	3.4	0.12	0.73	0.73	0.026	U
75-27-4	Bromodichloromethane	230	0.99	0.99	0.29	0.15	0.15	0.043	U
79-01-6	Trichloroethene (TCE)	230	0.40	0.40	0.16	0.074	0.074	0.030	U
10061-01-5	cis-1,3-Dichloropropene	230	6.6	6.6	0.093	1.5	1.5	0.021	U
108-10-1	4-Methyl-2-pentanone	230	5.9	5.9	0.067	0.14	1.5	0.017	U
10061-02-6	trans-1,3-Dichloropropene	230	3.3	3.3	0.086	0.73	0.73	0.019	U
79-00-5	1,1,2-Trichloroethane	230	4.0	4.0	0.24	0.73	0.73	0.043	U
108-88-3	Toluene	230	44	2.7	0.067	12	0.72	0.018	
591-78-6	2-Hexanone	230	3.0	3.0	0.093	0.29	0.73	0.023	U
124-48-1	Dibromochloromethane	230	1.3	1.3	0.25	0.15	0.15	0.029	U
106-93-4	1,2-Dibromoethane	230	1.1	1.1	0.23	0.15	0.15	0.030	U
127-18-4	Tetrachloroethene (PCE)	230	6.4	0.53	0.19	0.94	0.078	0.028	
108-90-7	Chlorobenzene	230	3.4	3.4	0.16	0.73	0.73	0.034	U
100-41-4	Ethylbenzene	230	9.8	6.3	0.073	2.3	1.4	0.017	
179601-23-1	m,p-Xylenes	230	41	13	0.12	9.4	2.9	0.028	
75-25-2	Bromoform	230	7.5	7.5	0.34	0.73	0.73	0.032	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-3A
 Lab Code: R1404427-003

Service Request: R1404427
 Date Collected: 6/10/14 1151
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/18/14 1134
 Canister Dilution Factor: 1.52

Initial Pressure (psig): -2.70 Final Pressure (psig): 3.54

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
100-42-5	Styrene	230	6.2	6.2	0.067	1.5	1.5	0.016	U
95-47-6	o-Xylene	230	16	6.3	0.067	3.8	1.4	0.016	
79-34-5	1,1,2,2-Tetrachloroethane	230	0.99	0.99	0.22	0.14	0.14	0.031	U
541-73-1	1,3-Dichlorobenzene	230	8.7	8.7	0.17	0.052	1.5	0.028	U
106-46-7	1,4-Dichlorobenzene	230	8.7	8.7	0.12	1.5	1.5	0.020	U
95-50-1	1,2-Dichlorobenzene	230	8.7	8.7	0.16	1.5	1.5	0.026	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	103	70-130	6/18/14 1134	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: DUPLICATE
 Lab Code: R1404427-004

Service Request: R1404427
 Date Collected: 6/10/14 1151
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/18/14 1217
 Canister Dilution Factor: 1.51

Initial Pressure (psig): -2.60 Final Pressure (psig): 3.56

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
74-87-3	Chloromethane	200	3.4	3.4	0.076	1.6	1.6	0.037	U
75-01-4	Vinyl Chloride	200	0.45	0.45	0.11	0.18	0.18	0.042	U
74-83-9	Bromomethane	200	3.2	3.2	0.25	0.84	0.84	0.063	U
75-00-3	Chloroethane	200	4.4	4.4	0.18	1.7	1.7	0.066	U
67-64-1	Acetone	200	120	38	1.5	51	16	0.60	
75-69-4	Trichlorofluoromethane (CFC 11)	200	4.8	4.7	0.17	0.85	0.83	0.030	
75-35-4	1,1-Dichloroethene	200	3.3	3.3	0.084	0.84	0.84	0.021	U
75-09-2	Methylene Chloride	200	2.9	2.9	0.15	0.36	0.83	0.042	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	200	1.3	1.3	0.30	0.078	0.17	0.039	U
75-15-0	Carbon Disulfide	200	3.3	2.6	0.076	1.1	0.82	0.025	
156-60-5	trans-1,2-Dichloroethene	200	3.3	3.3	0.091	0.84	0.84	0.023	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	200	3.4	3.4	0.13	0.84	0.84	0.032	U
1634-04-4	Methyl tert-Butyl Ether	200	6.0	6.0	0.076	1.7	1.7	0.021	U
108-05-4	Vinyl Acetate	200	38	38	0.076	11	11	0.022	U
78-93-3	2-Butanone (MEK)	200	9.8	4.9	0.16	3.3	1.7	0.054	
156-59-2	cis-1,2-Dichloroethene	200	3.3	3.3	0.14	0.84	0.84	0.035	U
67-66-3	Chloroform	200	4.1	4.1	0.21	0.12	0.84	0.042	U
107-06-2	1,2-Dichloroethane	200	3.4	3.4	0.18	0.84	0.84	0.043	U
71-55-6	1,1,1-Trichloroethane (TCA)	200	4.5	4.5	0.28	0.83	0.83	0.052	U
71-43-2	Benzene	200	2.7	2.6	0.076	0.85	0.83	0.024	
56-23-5	Carbon Tetrachloride	200	0.53	0.53	0.23	0.045	0.084	0.037	U
78-87-5	1,2-Dichloropropane	200	3.9	3.9	0.14	0.83	0.83	0.030	U
75-27-4	Bromodichloromethane	200	1.1	1.1	0.33	0.17	0.17	0.049	U
79-01-6	Trichloroethene (TCE)	200	0.45	0.45	0.19	0.084	0.084	0.034	U
10061-01-5	cis-1,3-Dichloropropene	200	7.6	7.6	0.11	1.7	1.7	0.024	U
108-10-1	4-Methyl-2-pentanone	200	6.8	6.8	0.076	0.16	1.7	0.019	U
10061-02-6	trans-1,3-Dichloropropene	200	3.8	3.8	0.099	0.83	0.83	0.022	U
79-00-5	1,1,2-Trichloroethane	200	4.5	4.5	0.27	0.83	0.83	0.049	U
108-88-3	Toluene	200	48	3.1	0.076	13	0.82	0.021	
591-78-6	2-Hexanone	200	3.4	3.4	0.11	0.31	0.83	0.026	U
124-48-1	Dibromochloromethane	200	1.4	1.4	0.28	0.17	0.17	0.033	U
106-93-4	1,2-Dibromoethane	200	1.3	1.3	0.26	0.17	0.17	0.034	U
127-18-4	Tetrachloroethene (PCE)	200	6.6	0.60	0.22	0.97	0.089	0.032	
108-90-7	Chlorobenzene	200	3.9	3.9	0.18	0.84	0.84	0.038	U
100-41-4	Ethylbenzene	200	10	7.2	0.084	2.3	1.7	0.020	
179601-23-1	m,p-Xylenes	200	42	14	0.14	9.6	3.3	0.032	
75-25-2	Bromoform	200	8.6	8.6	0.38	0.83	0.83	0.037	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: DUPLICATE
 Lab Code: R1404427-004

Service Request: R1404427
 Date Collected: 6/10/14 1151
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/18/14 1217
 Canister Dilution Factor: 1.51

Initial Pressure (psig): -2.60 Final Pressure (psig): 3.56

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
100-42-5	Styrene	200	7.1	7.1	0.076	1.7	1.7	0.018	U
95-47-6	o-Xylene	200	17	7.2	0.076	3.8	1.7	0.018	
79-34-5	1,1,2,2-Tetrachloroethane	200	1.1	1.1	0.25	0.16	0.16	0.036	U
541-73-1	1,3-Dichlorobenzene	200	10	10	0.19	1.7	1.7	0.032	U
106-46-7	1,4-Dichlorobenzene	200	10	10	0.14	1.7	1.7	0.023	U
95-50-1	1,2-Dichlorobenzene	200	10	10	0.18	1.7	1.7	0.029	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	103	70-130	6/18/14 1217	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-4
 Lab Code: R1404427-005

Service Request: R1404427
 Date Collected: 6/10/14 1156
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/17/14 0116
 Canister Dilution Factor: 1.51

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.55

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
74-87-3	Chloromethane	122	5.6	5.6	0.13	2.7	2.7	0.060	U
75-01-4	Vinyl Chloride	122	0.74	0.74	0.18	0.29	0.29	0.068	U
74-83-9	Bromomethane	122	5.3	5.3	0.40	1.4	1.4	0.11	U
75-00-3	Chloroethane	122	7.2	7.2	0.29	2.7	2.7	0.11	U
67-64-1	Acetone	122	280	62	2.4	120	26	0.98	
75-69-4	Trichlorofluoromethane (CFC 11)	122	580	7.7	0.28	100	1.4	0.049	
75-35-4	1,1-Dichloroethene	122	5.4	5.4	0.14	1.4	1.4	0.035	U
75-09-2	Methylene Chloride	122	4.7	4.7	0.24	0.57	1.4	0.068	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	122	2.1	2.1	0.48	0.17	0.27	0.063	U
75-15-0	Carbon Disulfide	122	16	4.2	0.13	5.2	1.4	0.040	
156-60-5	trans-1,2-Dichloroethene	122	5.4	5.4	0.15	1.4	1.4	0.038	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	122	5.6	5.6	0.22	1.4	1.4	0.053	U
1634-04-4	Methyl tert-Butyl Ether	122	9.8	9.8	0.13	2.7	2.7	0.035	U
108-05-4	Vinyl Acetate	122	62	62	0.13	18	18	0.036	U
78-93-3	2-Butanone (MEK)	122	17	8.0	0.26	5.8	2.7	0.089	
156-59-2	cis-1,2-Dichloroethene	122	5.4	5.4	0.23	1.4	1.4	0.057	U
67-66-3	Chloroform	122	12	6.7	0.34	2.4	1.4	0.069	
107-06-2	1,2-Dichloroethane	122	5.6	5.6	0.29	1.4	1.4	0.071	U
71-55-6	1,1,1-Trichloroethane (TCA)	122	7.4	7.4	0.46	0.19	1.4	0.084	U
71-43-2	Benzene	122	4.3	4.3	0.13	0.82	1.4	0.039	U
56-23-5	Carbon Tetrachloride	122	0.87	0.87	0.38	0.14	0.14	0.060	U
78-87-5	1,2-Dichloropropane	122	6.3	6.3	0.23	1.4	1.4	0.049	U
75-27-4	Bromodichloromethane	122	1.9	1.9	0.54	0.28	0.28	0.080	U
79-01-6	Trichloroethene (TCE)	122	0.81	0.74	0.30	0.15	0.14	0.056	
10061-01-5	cis-1,3-Dichloropropene	122	12	12	0.18	2.7	2.7	0.039	U
108-10-1	4-Methyl-2-pentanone	122	11	11	0.13	0.37	2.7	0.031	U
10061-02-6	trans-1,3-Dichloropropene	122	6.2	6.2	0.17	1.4	1.4	0.036	U
79-00-5	1,1,2-Trichloroethane	122	7.4	7.4	0.44	1.4	1.4	0.080	U
108-88-3	Toluene	122	51	5.1	0.13	14	1.3	0.033	
591-78-6	2-Hexanone	122	5.6	5.6	0.18	0.37	1.4	0.043	U
124-48-1	Dibromochloromethane	122	2.4	2.4	0.46	0.28	0.28	0.054	U
106-93-4	1,2-Dibromoethane	122	2.1	2.1	0.43	0.27	0.27	0.055	U
127-18-4	Tetrachloroethene (PCE)	122	11	0.99	0.35	1.6	0.15	0.052	
108-90-7	Chlorobenzene	122	6.3	6.3	0.29	1.4	1.4	0.062	U
100-41-4	Ethylbenzene	122	14	12	0.14	3.2	2.7	0.032	
179601-23-1	m,p-Xylenes	122	61	24	0.23	14	5.4	0.052	
75-25-2	Bromoform	122	14	14	0.62	1.4	1.4	0.060	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-4
 Lab Code: R1404427-005

Service Request: R1404427
 Date Collected: 6/10/14 1156
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/17/14 0116
 Canister Dilution Factor: 1.51

Initial Pressure (psig): -2.65 Final Pressure (psig): 3.55

CAS #	Analyte Name	Sample Amount mL	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	MDL $\mu\text{g}/\text{m}^3$	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
100-42-5	Styrene	122	12	12	0.13	2.7	2.7	0.030	U
95-47-6	<i>o</i> -Xylene	122	24	12	0.13	5.5	2.7	0.029	
79-34-5	1,1,2,2-Tetrachloroethane	122	1.9	1.9	0.40	0.27	0.27	0.058	U
541-73-1	1,3-Dichlorobenzene	122	16	16	0.31	2.7	2.7	0.052	U
106-46-7	1,4-Dichlorobenzene	122	16	16	0.23	2.7	2.7	0.038	U
95-50-1	1,2-Dichlorobenzene	122	16	16	0.29	2.7	2.7	0.048	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	105	70-130	6/17/14 0116	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-5
 Lab Code: R1404427-006

Service Request: R1404427
 Date Collected: 6/10/14 1202
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/18/14 1300
 Canister Dilution Factor: 1.51

Initial Pressure (psig): -2.55 Final Pressure (psig): 3.60

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
74-87-3	Chloromethane	120	5.7	5.7	0.13	2.7	2.7	0.061	U
75-01-4	Vinyl Chloride	120	0.76	0.76	0.18	0.30	0.30	0.069	U
74-83-9	Bromomethane	120	5.4	5.4	0.41	1.4	1.4	0.11	U
75-00-3	Chloroethane	120	7.3	7.3	0.29	2.8	2.8	0.11	U
67-64-1	Acetone	120	250	63	2.4	110	26	1.0	
75-69-4	Trichlorofluoromethane (CFC 11)	120	280	7.8	0.28	49	1.4	0.050	
75-35-4	1,1-Dichloroethene	120	5.5	5.5	0.14	1.4	1.4	0.035	U
75-09-2	Methylene Chloride	120	4.8	4.8	0.24	0.39	1.4	0.069	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	120	2.1	2.1	0.49	0.12	0.28	0.064	U
75-15-0	Carbon Disulfide	120	4.6	4.3	0.13	1.5	1.4	0.041	
156-60-5	trans-1,2-Dichloroethene	120	5.5	5.5	0.16	1.4	1.4	0.039	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	120	5.7	5.7	0.22	1.4	1.4	0.053	U
1634-04-4	Methyl tert-Butyl Ether	120	9.9	9.9	0.13	2.8	2.8	0.035	U
108-05-4	Vinyl Acetate	120	63	63	0.13	18	18	0.036	U
78-93-3	2-Butanone (MEK)	120	18	8.2	0.27	6.1	2.8	0.090	
156-59-2	cis-1,2-Dichloroethene	120	5.5	5.5	0.23	1.4	1.4	0.058	U
67-66-3	Chloroform	120	6.8	6.8	0.34	1.4	1.4	0.070	U
107-06-2	1,2-Dichloroethane	120	5.7	5.7	0.29	1.4	1.4	0.072	U
71-55-6	1,1,1-Trichloroethane (TCA)	120	7.6	7.6	0.47	0.28	1.4	0.086	U
71-43-2	Benzene	120	4.4	4.4	0.13	1.0	1.4	0.040	U
56-23-5	Carbon Tetrachloride	120	0.88	0.88	0.38	0.14	0.14	0.061	U
78-87-5	1,2-Dichloropropane	120	6.4	6.4	0.23	1.4	1.4	0.050	U
75-27-4	Bromodichloromethane	120	1.9	1.9	0.55	0.28	0.28	0.081	U
79-01-6	Trichloroethene (TCE)	120	0.76	0.76	0.31	0.13	0.14	0.057	U
10061-01-5	cis-1,3-Dichloropropene	120	13	13	0.18	2.8	2.8	0.039	U
108-10-1	4-Methyl-2-pentanone	120	11	11	0.13	0.23	2.8	0.031	U
10061-02-6	trans-1,3-Dichloropropene	120	6.3	6.3	0.17	1.4	1.4	0.037	U
79-00-5	1,1,2-Trichloroethane	120	7.6	7.6	0.45	1.4	1.4	0.081	U
108-88-3	Toluene	120	55	5.2	0.13	15	1.4	0.034	
591-78-6	2-Hexanone	120	5.7	5.7	0.18	0.59	1.4	0.044	U
124-48-1	Dibromochloromethane	120	2.4	2.4	0.47	0.28	0.28	0.055	U
106-93-4	1,2-Dibromoethane	120	2.1	2.1	0.43	0.28	0.28	0.056	U
127-18-4	Tetrachloroethene (PCE)	120	17	1.0	0.36	2.5	0.15	0.052	
108-90-7	Chlorobenzene	120	6.4	6.4	0.29	1.4	1.4	0.063	U
100-41-4	Ethylbenzene	120	12	12	0.14	2.9	2.8	0.032	
179601-23-1	m,p-Xylenes	120	52	24	0.23	12	5.5	0.053	
75-25-2	Bromoform	120	14	14	0.63	1.4	1.4	0.061	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
Project: 178-02 Hillside Ave/140219
Sample Matrix: Air
Sample Name: SVP-5
Lab Code: R1404427-006

Service Request: R1404427
Date Collected: 6/10/14 1202
Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/18/14 1300
Canister Dilution Factor: 1.51

Initial Pressure (psig): -2.55 Final Pressure (psig): 3.60

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
100-42-5	Styrene	120	12	12	0.13	2.8	2.8	0.030	U
95-47-6	o-Xylene	120	22	12	0.13	5.0	2.8	0.029	
79-34-5	1,1,2,2-Tetrachloroethane	120	1.9	1.9	0.41	0.27	0.27	0.059	U
541-73-1	1,3-Dichlorobenzene	120	17	17	0.32	2.8	2.8	0.053	U
106-46-7	1,4-Dichlorobenzene	120	17	17	0.23	2.8	2.8	0.038	U
95-50-1	1,2-Dichlorobenzene	120	17	17	0.29	2.8	2.8	0.049	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	101	70-130	6/18/14 1300	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-6
 Lab Code: R1404427-007

Service Request: R1404427
 Date Collected: 6/10/14 1206
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/18/14 1343
 Canister Dilution Factor: 1.46

Initial Pressure (psig): -2.26 Final Pressure (psig): 3.50

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
74-87-3	Chloromethane	160	4.1	4.1	0.092	2.0	2.0	0.045	U
75-01-4	Vinyl Chloride	160	0.55	0.55	0.13	0.21	0.21	0.050	U
74-83-9	Bromomethane	160	3.9	3.9	0.30	1.0	1.0	0.076	U
75-00-3	Chloroethane	160	5.3	5.3	0.21	2.0	2.0	0.080	U
67-64-1	Acetone	160	160	46	1.8	69	19	0.72	
75-69-4	Trichlorofluoromethane (CFC 11)	160	5.7	5.7	0.21	0.63	1.0	0.036	U
75-35-4	1,1-Dichloroethene	160	4.0	4.0	0.11	1.0	1.0	0.026	U
75-09-2	Methylene Chloride	160	3.5	3.5	0.18	0.36	1.0	0.050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	160	1.6	1.6	0.36	0.074	0.20	0.047	U
75-15-0	Carbon Disulfide	160	15	3.1	0.092	4.7	1.0	0.030	
156-60-5	trans-1,2-Dichloroethene	160	4.0	4.0	0.11	1.0	1.0	0.028	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	160	4.1	4.1	0.16	1.0	1.0	0.039	U
1634-04-4	Methyl tert-Butyl Ether	160	7.2	7.2	0.092	2.0	2.0	0.026	U
108-05-4	Vinyl Acetate	160	46	46	0.092	13	13	0.026	U
78-93-3	2-Butanone (MEK)	160	19	5.9	0.20	6.4	2.0	0.065	
156-59-2	cis-1,2-Dichloroethene	160	4.0	4.0	0.17	1.0	1.0	0.042	U
67-66-3	Chloroform	160	4.9	4.9	0.25	0.070	1.0	0.051	U
107-06-2	1,2-Dichloroethane	160	4.1	4.1	0.21	1.0	1.0	0.052	U
71-55-6	1,1,1-Trichloroethane (TCA)	160	5.5	5.5	0.34	1.0	1.0	0.062	U
71-43-2	Benzene	160	3.7	3.2	0.092	1.1	1.0	0.029	
56-23-5	Carbon Tetrachloride	160	0.64	0.64	0.28	0.057	0.10	0.044	U
78-87-5	1,2-Dichloropropane	160	4.7	4.7	0.17	1.0	1.0	0.036	U
75-27-4	Bromodichloromethane	160	1.4	1.4	0.40	0.20	0.20	0.059	U
79-01-6	Trichloroethene (TCE)	160	1.2	0.55	0.22	0.22	0.10	0.041	
10061-01-5	cis-1,3-Dichloropropene	160	9.1	9.1	0.13	2.0	2.0	0.029	U
108-10-1	4-Methyl-2-pentanone	160	8.2	8.2	0.092	0.21	2.0	0.023	U
10061-02-6	trans-1,3-Dichloropropene	160	4.6	4.6	0.12	1.0	1.0	0.027	U
79-00-5	1,1,2-Trichloroethane	160	5.5	5.5	0.32	1.0	1.0	0.059	U
108-88-3	Toluene	160	40	3.7	0.092	11	0.99	0.025	
591-78-6	2-Hexanone	160	4.1	4.1	0.13	0.31	1.0	0.032	U
124-48-1	Dibromochloromethane	160	1.7	1.7	0.34	0.20	0.20	0.040	U
106-93-4	1,2-Dibromoethane	160	1.6	1.6	0.32	0.20	0.20	0.041	U
127-18-4	Tetrachloroethene (PCE)	160	7.9	0.73	0.26	1.2	0.11	0.038	
108-90-7	Chlorobenzene	160	4.7	4.7	0.21	1.0	1.0	0.046	U
100-41-4	Ethylbenzene	160	12	8.7	0.11	2.7	2.0	0.024	
179601-23-1	m,p-Xylenes	160	48	17	0.17	11	4.0	0.038	
75-25-2	Bromoform	160	10	10	0.46	1.0	1.0	0.045	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: SVP-6
 Lab Code: R1404427-007

Service Request: R1404427
 Date Collected: 6/10/14 1206
 Date Received: 6/11/14

Analytical Method: TO-15

Date Analyzed: 6/18/14 1343
 Canister Dilution Factor: 1.46

Initial Pressure (psig): -2.26 Final Pressure (psig): 3.50

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
100-42-5	Styrene	160	8.6	8.6	0.092	2.0	2.0	0.022	U
95-47-6	o-Xylene	160	19	8.7	0.092	4.5	2.0	0.022	
79-34-5	1,1,2,2-Tetrachloroethane	160	1.4	1.4	0.30	0.20	0.20	0.043	U
541-73-1	1,3-Dichlorobenzene	160	12	12	0.23	0.058	2.0	0.038	U
106-46-7	1,4-Dichlorobenzene	160	12	12	0.17	2.0	2.0	0.028	U
95-50-1	1,2-Dichlorobenzene	160	12	12	0.21	2.0	2.0	0.035	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	102	70-130	6/18/14 1343	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: Method Blank
 Lab Code: RQ1406727-04

Service Request: R1404427
 Date Collected: NA
 Date Received: NA

Analytical Method: TO-15

Date Analyzed: 6/16/14 1647

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
74-87-3	Chloromethane	1000	0.45	0.45	0.010	0.22	0.22	0.0049	U
75-01-4	Vinyl Chloride	1000	0.060	0.060	0.014	0.023	0.023	0.0055	U
74-83-9	Bromomethane	1000	0.43	0.43	0.032	0.11	0.11	0.0083	U
75-00-3	Chloroethane	1000	0.58	0.58	0.023	0.22	0.22	0.0088	U
67-64-1	Acetone	1000	5.0	5.0	0.19	2.1	2.1	0.079	U
75-69-4	Trichlorofluoromethane (CFC 11)	1000	0.62	0.62	0.023	0.11	0.11	0.0040	U
75-35-4	1,1-Dichloroethene	1000	0.44	0.44	0.012	0.11	0.11	0.0028	U
75-09-2	Methylene Chloride	1000	0.38	0.38	0.019	0.11	0.11	0.0055	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1000	0.17	0.17	0.039	0.022	0.022	0.0051	U
75-15-0	Carbon Disulfide	1000	0.011	0.34	0.010	0.0035	0.11	0.0033	J
156-60-5	trans-1,2-Dichloroethene	1000	0.44	0.44	0.012	0.11	0.11	0.0031	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	1000	0.45	0.45	0.017	0.11	0.11	0.0043	U
1634-04-4	Methyl tert-Butyl Ether	1000	0.79	0.79	0.010	0.22	0.22	0.0028	U
108-05-4	Vinyl Acetate	1000	5.0	5.0	0.010	1.4	1.4	0.0029	U
78-93-3	2-Butanone (MEK)	1000	0.65	0.65	0.021	0.22	0.22	0.0072	U
156-59-2	cis-1,2-Dichloroethene	1000	0.44	0.44	0.019	0.11	0.11	0.0046	U
67-66-3	Chloroform	1000	0.54	0.54	0.027	0.11	0.11	0.0056	U
107-06-2	1,2-Dichloroethane	1000	0.45	0.45	0.023	0.11	0.11	0.0057	U
71-55-6	1,1,1-Trichloroethane (TCA)	1000	0.60	0.60	0.038	0.11	0.11	0.0068	U
71-43-2	Benzene	1000	0.35	0.35	0.010	0.11	0.11	0.0032	U
56-23-5	Carbon Tetrachloride	1000	0.070	0.070	0.030	0.011	0.011	0.0048	U
78-87-5	1,2-Dichloropropane	1000	0.51	0.51	0.019	0.11	0.11	0.0039	U
75-27-4	Bromodichloromethane	1000	0.15	0.15	0.044	0.022	0.022	0.0065	U
79-01-6	Trichloroethene (TCE)	1000	0.060	0.060	0.024	0.011	0.011	0.0045	U
10061-01-5	cis-1,3-Dichloropropene	1000	1.0	1.0	0.014	0.22	0.22	0.0031	U
108-10-1	4-Methyl-2-pentanone	1000	0.90	0.90	0.010	0.22	0.22	0.0025	U
10061-02-6	trans-1,3-Dichloropropene	1000	0.50	0.50	0.014	0.11	0.11	0.0029	U
79-00-5	1,1,2-Trichloroethane	1000	0.60	0.60	0.035	0.11	0.11	0.0065	U
108-88-3	Toluene	1000	0.41	0.41	0.010	0.11	0.11	0.0027	U
591-78-6	2-Hexanone	1000	0.45	0.45	0.014	0.11	0.11	0.0035	U
124-48-1	Dibromochloromethane	1000	0.19	0.19	0.038	0.022	0.022	0.0044	U
106-93-4	1,2-Dibromoethane	1000	0.17	0.17	0.034	0.022	0.022	0.0045	U
127-18-4	Tetrachloroethene (PCE)	1000	0.080	0.080	0.028	0.012	0.012	0.0042	U
108-90-7	Chlorobenzene	1000	0.51	0.51	0.023	0.11	0.11	0.0050	U
100-41-4	Ethylbenzene	1000	0.95	0.95	0.012	0.22	0.22	0.0026	U
179601-23-1	m,p-Xylenes	1000	1.9	1.9	0.019	0.44	0.44	0.0042	U
75-25-2	Bromoform	1000	1.1	1.1	0.050	0.11	0.11	0.0049	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: Method Blank
 Lab Code: RQ1406727-04

Service Request: R1404427
 Date Collected: NA
 Date Received: NA

Analytical Method: TO-15

Date Analyzed: 6/16/14 1647

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
100-42-5	Styrene	1000	0.94	0.94	0.010	0.22	0.22	0.0024	U
95-47-6	o-Xylene	1000	0.95	0.95	0.010	0.22	0.22	0.0024	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	0.15	0.15	0.032	0.022	0.022	0.0047	U
541-73-1	1,3-Dichlorobenzene	1000	1.3	1.3	0.025	0.22	0.22	0.0042	U
106-46-7	1,4-Dichlorobenzene	1000	1.3	1.3	0.019	0.0031	0.22	0.0030	U
95-50-1	1,2-Dichlorobenzene	1000	1.3	1.3	0.023	0.22	0.22	0.0039	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	102	70-130	6/16/14 1647	

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: Method Blank
 Lab Code: RQ1407174-04

Service Request: R1404427
 Date Collected: NA
 Date Received: NA

Analytical Method: TO-15

Date Analyzed: 6/18/14 0958

CAS #	Analyte Name	Sample Amount mL	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
74-87-3	Chloromethane	1000	0.45	0.45	0.010	0.22	0.22	0.0049	U
75-01-4	Vinyl Chloride	1000	0.060	0.060	0.014	0.023	0.023	0.0055	U
74-83-9	Bromomethane	1000	0.43	0.43	0.032	0.11	0.11	0.0083	U
75-00-3	Chloroethane	1000	0.58	0.58	0.023	0.22	0.22	0.0088	U
67-64-1	Acetone	1000	5.0	5.0	0.19	2.1	2.1	0.079	U
75-69-4	Trichlorofluoromethane (CFC 11)	1000	0.62	0.62	0.023	0.11	0.11	0.0040	U
75-35-4	1,1-Dichloroethene	1000	0.44	0.44	0.012	0.11	0.11	0.0028	U
75-09-2	Methylene Chloride	1000	0.38	0.38	0.019	0.11	0.11	0.0055	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1000	0.17	0.17	0.039	0.022	0.022	0.0051	U
75-15-0	Carbon Disulfide	1000	0.033	0.34	0.010	0.011	0.11	0.0033	J
156-60-5	trans-1,2-Dichloroethene	1000	0.44	0.44	0.012	0.11	0.11	0.0031	U
75-34-3	1,1-Dichloroethane (1,1-DCA)	1000	0.45	0.45	0.017	0.11	0.11	0.0043	U
1634-04-4	Methyl tert-Butyl Ether	1000	0.79	0.79	0.010	0.22	0.22	0.0028	U
108-05-4	Vinyl Acetate	1000	5.0	5.0	0.010	1.4	1.4	0.0029	U
78-93-3	2-Butanone (MEK)	1000	0.65	0.65	0.021	0.22	0.22	0.0072	U
156-59-2	cis-1,2-Dichloroethene	1000	0.44	0.44	0.019	0.11	0.11	0.0046	U
67-66-3	Chloroform	1000	0.54	0.54	0.027	0.11	0.11	0.0056	U
107-06-2	1,2-Dichloroethane	1000	0.45	0.45	0.023	0.11	0.11	0.0057	U
71-55-6	1,1,1-Trichloroethane (TCA)	1000	0.60	0.60	0.038	0.11	0.11	0.0068	U
71-43-2	Benzene	1000	0.35	0.35	0.010	0.11	0.11	0.0032	U
56-23-5	Carbon Tetrachloride	1000	0.070	0.070	0.030	0.011	0.011	0.0048	U
78-87-5	1,2-Dichloropropane	1000	0.51	0.51	0.019	0.11	0.11	0.0039	U
75-27-4	Bromodichloromethane	1000	0.15	0.15	0.044	0.022	0.022	0.0065	U
79-01-6	Trichloroethene (TCE)	1000	0.060	0.060	0.024	0.011	0.011	0.0045	U
10061-01-5	cis-1,3-Dichloropropene	1000	1.0	1.0	0.014	0.22	0.22	0.0031	U
108-10-1	4-Methyl-2-pentanone	1000	0.90	0.90	0.010	0.22	0.22	0.0025	U
10061-02-6	trans-1,3-Dichloropropene	1000	0.50	0.50	0.014	0.11	0.11	0.0029	U
79-00-5	1,1,2-Trichloroethane	1000	0.60	0.60	0.035	0.11	0.11	0.0065	U
108-88-3	Toluene	1000	0.41	0.41	0.010	0.11	0.11	0.0027	U
591-78-6	2-Hexanone	1000	0.45	0.45	0.014	0.11	0.11	0.0035	U
124-48-1	Dibromochloromethane	1000	0.19	0.19	0.038	0.022	0.022	0.0044	U
106-93-4	1,2-Dibromoethane	1000	0.17	0.17	0.034	0.022	0.022	0.0045	U
127-18-4	Tetrachloroethene (PCE)	1000	0.080	0.080	0.028	0.012	0.012	0.0042	U
108-90-7	Chlorobenzene	1000	0.51	0.51	0.023	0.11	0.11	0.0050	U
100-41-4	Ethylbenzene	1000	0.95	0.95	0.012	0.22	0.22	0.0026	U
179601-23-1	m,p-Xylenes	1000	1.9	1.9	0.019	0.44	0.44	0.0042	U
75-25-2	Bromoform	1000	1.1	1.1	0.050	0.11	0.11	0.0049	U

ALS Group USA, Corp. dba ALS Environmental

Analytical Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air
 Sample Name: Method Blank
 Lab Code: RQ1407174-04

Service Request: R1404427
 Date Collected: NA
 Date Received: NA

Analytical Method: TO-15

Date Analyzed: 6/18/14 0958

CAS #	Analyte Name	Sample Amount mL	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	MDL $\mu\text{g}/\text{m}^3$	Result ppbv	MRL ppbv	MDL ppbv	Data Qualifier
100-42-5	Styrene	1000	0.94	0.94	0.010	0.22	0.22	0.0024	U
95-47-6	o-Xylene	1000	0.95	0.95	0.010	0.22	0.22	0.0024	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	0.15	0.15	0.032	0.022	0.022	0.0047	U
541-73-1	1,3-Dichlorobenzene	1000	1.3	1.3	0.025	0.22	0.22	0.0042	U
106-46-7	1,4-Dichlorobenzene	1000	0.020	1.3	0.019	0.0033	0.22	0.0030	J
95-50-1	1,2-Dichlorobenzene	1000	1.3	1.3	0.023	0.22	0.22	0.0039	U

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
4-Bromofluorobenzene	98	70-130	6/18/14 0958	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air

Service Request: R1404427

Date Analyzed: 6/16/14

Lab Control Sample Summary
 Volatile Organic Compounds in Air Collected In SUMMA Passivated Canisters and Analyzed By GC/MS

Analytical Method: TO-15

Units: µg/m³

Basis: NA

Analysis Lot: 397501

Lab Control Sample
 RQ1406727-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	5.23	5.26	99	70 - 130
Vinyl Chloride	5.74	6.58	87	70 - 130
Bromomethane	8.16	9.80	83	70 - 130
Chloroethane	5.61	6.66	84	70 - 130
Acetone	5.95	6.47	92	50 - 150
Trichlorofluoromethane (CFC 11)	14.8	15.2	98	70 - 130
1,1-Dichloroethene	9.60	10.3	93	70 - 130
Methylene Chloride	8.62	8.94	96	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	18.5	19.7	94	70 - 130
Carbon Disulfide	8.84	7.94	111	70 - 130
trans-1,2-Dichloroethene	9.82	10.4	94	70 - 130
1,1-Dichloroethane (1,1-DCA)	9.96	10.4	96	70 - 130
Methyl tert-Butyl Ether	8.49	9.55	89	70 - 130
Vinyl Acetate	7.49	8.89	84	70 - 130
2-Butanone (MEK)	7.81	7.81	100	70 - 130
cis-1,2-Dichloroethene	9.61	10.4	92	70 - 130
Chloroform	12.3	13.2	93	70 - 130
1,2-Dichloroethane	10.4	10.6	98	70 - 130
1,1,1-Trichloroethane (TCA)	13.1	14.3	92	70 - 130
Benzene	7.76	8.38	93	70 - 130
Carbon Tetrachloride	15.3	16.0	95	70 - 130
1,2-Dichloropropane	11.0	12.1	91	70 - 130
Bromodichloromethane	17.0	17.4	97	70 - 130
Trichloroethene (TCE)	12.4	14.0	89	70 - 130
cis-1,3-Dichloropropene	11.3	12.5	90	70 - 130
4-Methyl-2-pentanone	9.08	10.5	86	70 - 130
trans-1,3-Dichloropropene	10.2	10.9	93	70 - 130
1,1,2-Trichloroethane	13.0	14.5	90	70 - 130
Toluene	9.01	9.98	90	70 - 130
2-Hexanone	10.0	11.1	91	70 - 130
Dibromochloromethane	21.5	23.4	92	70 - 130
1,2-Dibromoethane	17.7	20.0	89	70 - 130
Tetrachloroethene (PCE)	16.3	18.0	91	70 - 130
Chlorobenzene	11.2	12.3	91	70 - 130
Ethylbenzene	9.90	11.5	86	70 - 130
m,p-Xylenes	18.7	22.4	83	70 - 130
Bromoform	25.9	26.6	98	70 - 130
Styrene	9.13	11.1	83	70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air

Service Request: R1404427
 Date Analyzed: 6/16/14

Lab Control Sample Summary
 Volatile Organic Compounds in Air Collected In SUMMA Passivated Canisters and Analyzed By GC/MS

Analytical Method: TO-15

Units: $\mu\text{g}/\text{m}^3$
 Basis: NA

Analysis Lot: 397501

Lab Control Sample
 RQ1406727-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	9.53	11.7	81	70 - 130
1,1,2,2-Tetrachloroethane	14.9	18.5	81	70 - 130
1,3-Dichlorobenzene	12.5	14.7	85	70 - 130
1,4-Dichlorobenzene	12.3	14.9	83	70 - 130
1,2-Dichlorobenzene	12.0	14.6	82	70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air

Service Request: R1404427
 Date Analyzed: 6/18/14

Lab Control Sample Summary
Volatile Organic Compounds in Air Collected In SUMMA Passivated Canisters and Analyzed By GC/MS

Analytical Method: TO-15

Units: µg/m³
 Basis: NA

Analysis Lot: 398768

Lab Control Sample
 RQ1407174-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Chloromethane	5.17	5.26	98	70 - 130
Vinyl Chloride	5.75	6.58	87	70 - 130
Bromomethane	8.20	9.80	84	70 - 130
Chloroethane	5.92	6.66	89	70 - 130
Acetone	6.76	6.47	104	50 - 150
Trichlorofluoromethane (CFC 11)	15.4	15.2	102	70 - 130
1,1-Dichloroethene	9.91	10.3	96	70 - 130
Methylene Chloride	9.05	8.94	101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	19.7	19.7	100	70 - 130
Carbon Disulfide	9.05	7.94	114	70 - 130
trans-1,2-Dichloroethene	10.4	10.4	100	70 - 130
1,1-Dichloroethane (1,1-DCA)	10.8	10.4	104	70 - 130
Methyl tert-Butyl Ether	9.63	9.55	101	70 - 130
Vinyl Acetate	8.77	8.89	99	70 - 130
2-Butanone (MEK)	9.18	7.81	118	70 - 130
cis-1,2-Dichloroethene	10.1	10.4	97	70 - 130
Chloroform	13.3	13.2	101	70 - 130
1,2-Dichloroethane	11.6	10.6	109	70 - 130
1,1,1-Trichloroethane (TCA)	14.5	14.3	101	70 - 130
Benzene	8.50	8.38	101	70 - 130
Carbon Tetrachloride	16.9	16.0	106	70 - 130
1,2-Dichloropropane	12.2	12.1	100	70 - 130
Bromodichloromethane	18.7	17.4	108	70 - 130
Trichloroethene (TCE)	13.4	14.0	96	70 - 130
cis-1,3-Dichloropropene	12.5	12.5	100	70 - 130
4-Methyl-2-pentanone	10.6	10.5	101	70 - 130
trans-1,3-Dichloropropene	11.4	10.9	104	70 - 130
1,1,2-Trichloroethane	14.3	14.5	99	70 - 130
Toluene	9.92	9.98	99	70 - 130
2-Hexanone	11.6	11.1	105	70 - 130
Dibromochloromethane	23.9	23.4	102	70 - 130
1,2-Dibromoethane	19.5	20.0	98	70 - 130
Tetrachloroethene (PCE)	18.0	18.0	100	70 - 130
Chlorobenzene	12.3	12.3	100	70 - 130
Ethylbenzene	11.5	11.5	100	70 - 130
m,p-Xylenes	22.1	22.4	99	70 - 130
Bromoform	28.8	26.6	108	70 - 130
Styrene	10.7	11.1	96	70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Liberty Environmental, Inc.
 Project: 178-02 Hillside Ave/140219
 Sample Matrix: Air

Service Request: R1404427
 Date Analyzed: 6/18/14

Lab Control Sample Summary
 Volatile Organic Compounds in Air Collected In SUMMA Passivated Canisters and Analyzed By GC/MS

Analytical Method: TO-15

Units: $\mu\text{g}/\text{m}^3$
 Basis: NA

Analysis Lot: 398768

Lab Control Sample
 RQ1407174-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	11.2	11.7	96	70 - 130
1,1,2,2-Tetrachloroethane	17.6	18.5	95	70 - 130
1,3-Dichlorobenzene	14.7	14.7	100	70 - 130
1,4-Dichlorobenzene	14.5	14.9	97	70 - 130
1,2-Dichlorobenzene	14.3	14.6	98	70 - 130

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623 | 585.288.5380 | 585.288.8475 (fax) | www.caslab.com

Requested Turnaround Time in Business Days from Receipt, please circle:
 1 Day 2 Day 3 Day 4 Day 5 Day **10 Day-Standard**

CAS Project #:

Company Name: **LIBERTY ENVIRONMENTAL** Project Name: **178-02 Hillside Ave** CAS Contact: **Mike Young**

Address: **50N. Fifth St., 5th Floor** Project Number: **140219** Analysis Method and/or Analytes

City, State, Zip: **READING PA 19601** P.O. #/Billing Information: **SAME**

Project Manager: **Jim Cinelli**

Phone: **610-375-9301** Fax: **610-375-9302**

Email (for result reporting): **JCinelli@libertyenviro.com** Sampler (Print & Sign): **LEV BORUKHOV / e Bor**

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID	Flow Controller ID					Comments Specific Instructions	
SVP-1		6/10/14	0940-1142	101	FC00833	X					
SVP-2			0945-1147	70	FC00711	X					
SVP-3A			0950-1151	113	FC00722	X					
DUPLICATE			0950-1151	34	FC00761	X					
SVP-4			0955-1156	54	FC00838	X					
SVP-5			1000-1202	20	FC00759	X					
SVP-6		✓	1005-1206	30	FC00743	X					

What State were samples collected in: **NY** Project Requirements (MRLs, QAPP, etc.)

Report Tier Levels - please select:
 Tier I (Results/Default, if not specified) ___ Tier III (CLP Forms Only) ___ EDD required: YES / **NO**
 Tier II (Results + QC) ___ Tier IV (Data Validation) ___ Type: _____ EDD Units: _____

Relinquished by: (Signature) [Signature]	Date: 6/10/14	Time: 1500	Received by: (Signature) [Signature]	Date: 6/10/14	Time: 0925
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

R1404427 **5**
 Liberty Environmental, Inc.
 178-02 Hillside Ave





Cooler Receipt and Preservation Check Form

Project/Client Liberty Folder Number R1404427

Cooler received on 6/10/14 by: [Signature] COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y <input checked="" type="radio"/> N <input type="radio"/>	5a	Perchlorate samples have required headspace?	Y N <input checked="" type="radio"/> NA
2	Custody papers properly completed (ink, signed)?	Y <input checked="" type="radio"/> N <input type="radio"/>	5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y N <input checked="" type="radio"/> NA
3	Did all bottles arrive in good condition (unbroken)?	Y <input checked="" type="radio"/> N <input type="radio"/>	6	Where did the bottles originate?	<u>ALS/ROC</u> CLIENT
4	Circle: Wet Ice Dry Ice Gel packs present?	Y <input checked="" type="radio"/> N <input type="radio"/>	7	Soil VOA received as:	Bulk Encore 5035set <input checked="" type="radio"/> NA

8. Temperature Readings Date: _____ Time: _____ ID: IR#3 IR#4 From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>AIR</u>						
Correction Factor (°C)							
Corrected Temp (°C)							
Within 0-6°C?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted _____ Poorly Packed _____ Same Day Rule _____
& Client Approval to Run Samples: _____ Standing Approval _____ Client aware at drop-off _____ Client notified by: _____

All samples held in storage location: SMD by [Signature] on 6/10/14 at 0925
5035 samples placed in storage location: _____ by _____ on _____ at _____

PC Secondary Review: [Signature]

Cooler Breakdown: Date: _____ Time: _____ by: _____

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
- Did all bottle labels and tags agree with custody papers? YES NO
- Were correct containers used for the tests indicated? YES NO
- Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO ₃								
≤2	H ₂ SO ₄								
<4	NaHSO ₄								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add Na ₂ S ₂ O ₃ (CN), ascorbic (phenol).					
	Na ₂ S ₂ O ₃	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

Yes=All samples OK
No=Samples were preserved at The lab as listed
PM OK to Adjust:

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: _____
Other Comments: _____

PC Secondary Review: [Signature]

*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter

99928