SOIL VAPOR INTRUSION EVALUATION WORK PLAN

TO BE PERFORMED AT:

COMMERCIAL PROPERTY
92-07 63RD DRIVE
REGO PARK, NEW YORK 11374

PREPARED FOR:

EIK REGO PARK ASSOCIATES, LLC

JCB PROJECT #: 25-62259
APRIL 2026

J.C. BRODERICK & ASSOCIATES, INC.
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CERTIFICATION

I, Steven Muller, certify that I am currently a Qualified Environmental Professional as defined in Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 375 and that this Remedial Investigation Work Plan (RIWP) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green Remediation (DER-31).



Steven Muller, P.G

Section No. 1.0: Introduction

J.C. Broderick and Associates, Inc. (JCB) was retained by EIK Rego Park Associates, LLC ("the Remedial Party") to prepare this Soil Vapor Intrusion Evaluation Work Plan ("the Work Plan") for 92-07 63rd Drive ("the Site"). The Site is located in the Rego Park neighborhood of Queens County, New York and is part of a 1-story shopping center identified as 92-01 – 92-09 63rd Drive on Tax Lot 42 of Block 3094. The Site location is shown on Figures 1 and 3 and a copy of the NYC Tax Map is provided in Figure 2. The following scope of work has been developed in response to a New York State Department of Environmental Conservation (NYSDEC) Potential Hazardous Waste Disposal Site Notification Letter dated April 3, 2023, and all subsequent correspondences.

This Work Plan was developed in general accordance with the DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010 (DER-10) and all available updates. The purpose of this Work Plan is to determine whether hazardous substances are present at a Site at levels that may pose a threat to public health or the environment and whether the site warrants further action.

Section No. 2.0: Site Location and Description

The Site is located on the northwest corner of the intersection formed by 63rd Drive and Austin Street in the Rego Park neighborhood of Queens, New York. The Site is bounded by 63rd Drive to the east followed by a 1-story commercial building, by Austin Street to the south followed by a library, by 3-story multi-family residential buildings to the west followed by 63rd Avenue, and by a 6-story multi-family residential building to the north followed by Wetherole Street. Sensitive receptors adjoining the site are located as a daycare center running out of the residential building to the north (63-50 Wetherole St) and a daycare center to the northeast (63-44 Wetherole St). The Site is commonly known as and is located at 92-01 through 92-07 63rd Drive, Rego Park, New York 11374. The address 92-07 63rd Drive is technically located within one of the businesses of the strip mall on Lot 42, which is currently occupied by a restaurant with an address of 92-09 63rd Drive. 92-07 63rd Drive is an historical address from when the northeastern half of the shopping center now, 92-09 63rd Drive was four (4) approximate 600 square foot tenant spaces identified as 92-05, 92-07, 92-09, & 92-11 63rd Drive. These tenant spaces were combined into one commercial space which now operates as a restaurant and is identified by the address 92-09 63rd Drive.

The lot on which the Site exists is approximately 0.23 acres in size. New York City Department of Buildings (NYCDOB) Certificate of Occupancy records indicate that the current building was constructed in 1936. The one-story commercial building is approximately 5,900 square feet in area and currently contains three (3) commercial tenant spaces on the main floor. The Site is currently occupied by a grocery store, meat store, and restaurant. The property includes a paved rear parking lot in the western portion of the site. The paved areas consist of asphalt and concrete paved driveways, parking lots and sidewalks. The property has historically operated as a commercial site, with select tenant spaces being occupied by various businesses including a dry cleaner, a tailor, a grocer, a butcher, a fabric store, a laundromat, and a podiatrist. The last dry-cleaning operations at 92-07 63rd Drive ceased around 2000 and the tenant spaces at 92-05 - 92-11 were combined for the current restaurant space around 2006.

According to the United States Geological Survey (USGS) Jamaica, New York, 2019 7.5 Minute Series Topographical Map, the Site is situated at an approximate elevation of 58 feet (ft) above mean sea level. Groundwater is estimated at approximately 35 feet below surface grade and is believed to flow in a north-northeast direction toward Flushing Bay. The Site is not located in or adjacent to any regulated wetlands and not within any flood zones. The nearest surface water body is Meadow Lake, located approximately 1.25 miles northeast of the site.

The Site is situated within the Atlantic Coastal Plains physiographic province of New York. The uppermost geologic formation underlying the site is the late Pleistocene glacial deposits. These sediments consist of

moraine deposits, glacial drift, and outwash materials. The estimated depth to bedrock is more than 200 ft-bgs. According to the 2022 Remedial Investigation Report for a nearby OER site, 22TMP0669Q, 22EHAN140Q, and 22CVCP046Q (63-68 Austin Street) located approximately 200 feet southeast of the site, soil generally consisted of light brown medium to coarse-grained sands with gravels and urban fill material to depths of up to 12 ft-bgs.

Section No. 3.0: Previous Environmental Investigations

A Phase I: Environmental Database Report, dated April 2024, was prepared by Toxics Targeting for the Site. According to the report, the Site is not currently listed on the New York City E-Designation database; however, the Site is listed on the New York State Inactive Hazardous Waste Disposal Site as a proposed site and on the Resource Conservation Recovery Act (RCRA) Hazardous Waste Generators and Transporters databases. Please refer to the full document located in Appendix - A of this report for further information.

As a result of chlorinated volatile organic compounds (VOCs) identified in the soil vapor at a neighboring property located southeast of the Site at 63-68 Austin Street, (OER site, 22TMP0669Q, 22EHAN140Q, and 22CVCP046Q). In April 2024, JCB performed a Subsurface Soil Vapor Investigation without NYSDEC input. The investigation consisted of collecting two (2) sub-slab soil vapor samples from the southernmost location beneath the basement concrete slab. Although these sample locations were not within the former dry cleaner's tenant space, the locations were selected to be between the tenant space and the OER site at 63-68 Austin Street. The chlorinated solvents cis-1,2-Dichloroethylene, Tetrachloroethylene and Trichloroethylene typically utilized in the dry-cleaning process and their degradation products were not detected in either of the samples collected. No other chlorinated volatile organic compounds (VOCs) were identified except for chloroform at 4.1µg/m^3 in the east sample. Please refer to the full document located in Appendix - A of this report for further information.

Section No. 4.0: Soil Vapor Intrusion Evaluation Work Scope

This subsurface investigation will include the collection of soil vapor samples and indoor and outdoor ambient air samples to evaluate the site for potential environmental impacts from historic on-site uses or operations. The proposed sampling event will address the historic use of the site as a dry cleaner. The sampling, analysis, and reporting procedures of this investigation will be performed in accordance with the NYSDEC Technical Guidance for Site Investigation and Remediation DER-10 and all available updates.

A Community Air Monitoring Plan (CAMP) will be implemented during any intrusive subsurface activities to conduct monitoring and reporting of any fugitive vapors. The CAMP scope of work will include the use of one (1) air monitoring station equipped with a photoionization detector (PID) and particulate meter. The monitoring will start prior to the commencement of work to establish background concentrations. Daily reporting of any exceedances will be provided to the NYSDEC and NYSDOH. CAMP data results will be provided in the final SVI Evaluation Report along with location of the monitoring station, monitoring equipment, procedures, and contaminant action levels. The CAMP can be referenced in Appendix-C.

A Qualitative Exposure Assessment will be performed following collection of the SC data in accordance with Section 3.3(c)4 of DER-10 and the NYSDOH guidance for performing a Qualitative Exposure Assessment (DER-10; Appendix-3B). At a minimum, the exposure assessment will evaluate the five elements associated with exposure pathways and describe how each of these elements pertains to the site being evaluated. The exposure pathway elements that must be addressed include:

1. a description of the contaminant source(s) including the location of the contaminant release to the environment (any waste disposal area or point of discharge) or if the original source is unknown,

the contaminated environmental medium (soil, indoor or outdoor air, biota, water) at the point of exposure;
2. an explanation of the contaminant release and transport mechanisms to the exposed population;
3. identification of all potential exposure point(s) where actual or potential human contact with a contaminated medium may occur;
4. description(s) of the route(s) of exposure (i.e., ingestion, inhalation, dermal absorption); and
5. a characterization of the receptor populations who may be exposed to contaminants at a point of exposure.

Section No. 4.1: Soil Vapor Intrusion Sampling

Soil vapor samples will be collected in accordance with the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH October 2006 and all available updates). Conditions in the field may require adjustment of sampling locations.

Section No. 4.1.1: Sub-Slab Soil Vapor Sample Collection

Sub-slab soil vapor samples will be collected from each of the three (3) buildings (restaurant, grocery store, and butcher) associated with the Site. For the collection of the sub-slab vapor samples, a probe will be fabricated from ½-inch diameter, threaded brass pipe with a barbed tubing connection. The basement concrete slab will be penetrated with a one (1) inch diameter hole utilizing a hammer drill and extending approximately six (6) inches below the top of the concrete slab. The probe will be lowered into the drilled hole and sealed with modeling clay containing no volatile organic compounds (VOCs). A five (5) gallon plastic container will be placed on top of the concrete slab and above the vapor point. The container will also be sealed to the concrete slab utilizing modeling clay. A Teflon-lined, ¼-inch I.D. disposable polyethylene tubing will then be utilized to connect the barbed connection of the vapor point to an individually clean-certified, 6-liter SUMMA® canister, provided by ALS Labs, Inc. through a flow controller pre-set for an eight (8) hour long sample duration. The tubing includes a tee connection and valve to a purging vacuum pump calibrated for a flow rate of less than 0.2 liters per minute. The tubing, probe and subsurface soil will be purged of at least one (1) liter of vapor prior to sample collection. Field parameters will be recorded on vapor sampling data forms and will be included in the Soil Vapor Intrusion Report. Upon completion of the sampling, the concrete slab will be repaired with hydrated bentonite and concrete patch.

Helium (He) will be introduced into the atmosphere under the pail, as a tracer gas, to assure the viability of the vapor point seals with the atmosphere. The tracer gas will be monitored in the purge air before sampling and outside of all seals before, during and after sampling, utilizing a Myron Helium Detector. In addition, Helium (He) will be analyzed for in the SUMMA® canister and if detected at more than ten (10) percent, the sample will be considered invalid and retaken.

Section No. 4.1.2: Indoor Ambient Air Sample Collection

Indoor ambient samples will be collected from within the basement of the three (3) buildings (restaurant, grocery store, and butcher) with the sub-slab vapor samples. Sample flow rates will conform to the specifications in the sample collection method (less than 0.2 liters per minute) and will be collected concurrently with the sub-slab vapor samples. The samples will be collected, utilizing conventional sampling methods, in laboratory individually clean-certified, 6-liter SUMMA® canisters, provided by ALS Labs, Inc. through a flow controller pre-set for an eight (8) hour long sample duration. As per the guidance requirements, the samples will be collected at a height approximately three (3) feet above the floor to represent a height at which occupants are normally seated. Field parameters will be recorded on vapor sampling data forms and will be included in the Soil Vapor Intrusion Evaluation Report.

Section No. 4.1.3: Outdoor Ambient Air Sample Collection

One (1) outdoor ambient air sample will be collected simultaneously with sub-slab and indoor ambient samples to evaluate the potential influence, if any, of outdoor air on indoor air quality. To obtain a representative sample which meets the data quality objectives, the outdoor air sample will be collected in a manner consistent with that for indoor air samples. The sample will be collected, utilizing conventional sampling methods, in a laboratory individually clean-certified, 6-liter SUMMA® canister, provided by ALS Labs, Inc. through a flow controller pre-set for an eight (8) hour sample duration. As per the guidance requirements, the sample will be collected at a height approximately three (3) feet above the ground. Field parameters will be recorded on vapor sampling data forms and will be included in the Soil Vapor Intrusion Evaluation Report.

Section No. 4.2: Repeat Sampling and Analysis

Since this soil vapor intrusion evaluation will be performed outside of the heating season, a second round of soil vapor, indoor, and outdoor ambient air samples will be collected during the 2026/2027 heating season to conform with DER-10. The same number of samples will be collected at the same location using the same methodology and analysis as described in Section 4.1.

Section No. 5.0: Laboratory Analysis

Soil vapor, indoor and outdoor ambient samples selected for laboratory analysis will be placed into laboratory supplied containers, assigned individual identification numbers, and then placed into an appropriately conditioned cooler. Chain of custody documents will be prepared, and the samples will then be delivered to an independent New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis.

The soil vapor, indoor, and outdoor ambient samples submitted for laboratory analysis will be analyzed for Volatile Organic Compounds (VOCs) utilizing the Environmental Protection Agency Toxic Organics 15 (EPA TO-15) list. Sub-slab soil vapor samples will also be analyzed for the tracer gas Helium.

For a comprehensive list of compounds to be analyzed, please reference the Quality Assurance Project Plan located in Appendix-B.

ALS Labs, Inc. of Stratford Connecticut, will provide laboratory analytical services. Copies of ALS's NYSDOH certifications are available upon request

All data will be produced in accordance with NYSDEC ASP Category B deliverables and will be reviewed and validated by a third-party data validator, who will prepare a DUSR before being incorporated into the final Site Characterization Report. All data will be submitted to NYSDEC in electronic format, in accordance with DER-10, Section 1.15.

Section No. 6.0: Quality Assurance/Quality Control Procedures

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

process. QA/QC samples (field and trip blanks, duplicates, etc.) will be collected and analyzed at an ELAP-certified laboratory. Please reference the Quality Assurance Project Plan (QAPP) located in Appendix-B of this document for further details.

In order to prevent cross-contamination between sampling locations, all re-usable sampling equipment which comes into contact with sample materials will be decontaminated prior to each use. Equipment used for sample collection will be wiped clean, washed in a solution of Alconox, and thoroughly rinsed with potable water. All down-hole equipment which does not come into contact with sample material shall be pressure rinsed with potable water prior to the start of each boring. All sampling personnel shall wear disposable latex, nylon, or nitrile gloves during sampling events. At a minimum, gloves will be changed between boring locations and before each laboratory sample is collected. All collected samples shall be placed into an appropriately conditioned cooler for storage and transported to the laboratory. Samples shall be maintained between 0°C and 8°C.

The field sampling team will maintain sampling log sheets summarizing the following:

- Sample ID Number;
- Canister ID Number;
- Regulator ID Number;
- Date and time of sample collection;
- The vacuum of canisters before and after sample collection;
- Chain of custody protocols and records used to track samples from sampling point to analysis.

Subsequent to sample collection, the Summa® canister will be labeled with the sampling location, time, and samplers initials.

Section No. 7.0: Reporting and Scheduling

Daily field reports including CAMP data will be submitted to the NYSDEC and NYSDOH project managers during all field activities.

A Soil Vapor Intrusion Evaluation Report will be prepared following completion of the field activities and receipt of the laboratory data. The report will provide detailed summaries of the investigative findings. Soil vapor analytical results will be compared to the NYSDOH October 2006 Final Guidance for Evaluating Soil Vapor Intrusion Matrices, and all available updates. The report will include an updated sampling plan, spider diagrams, analytical data tables for all reported constituent compounds (including non-detectable concentrations) and recommendations, as warranted.

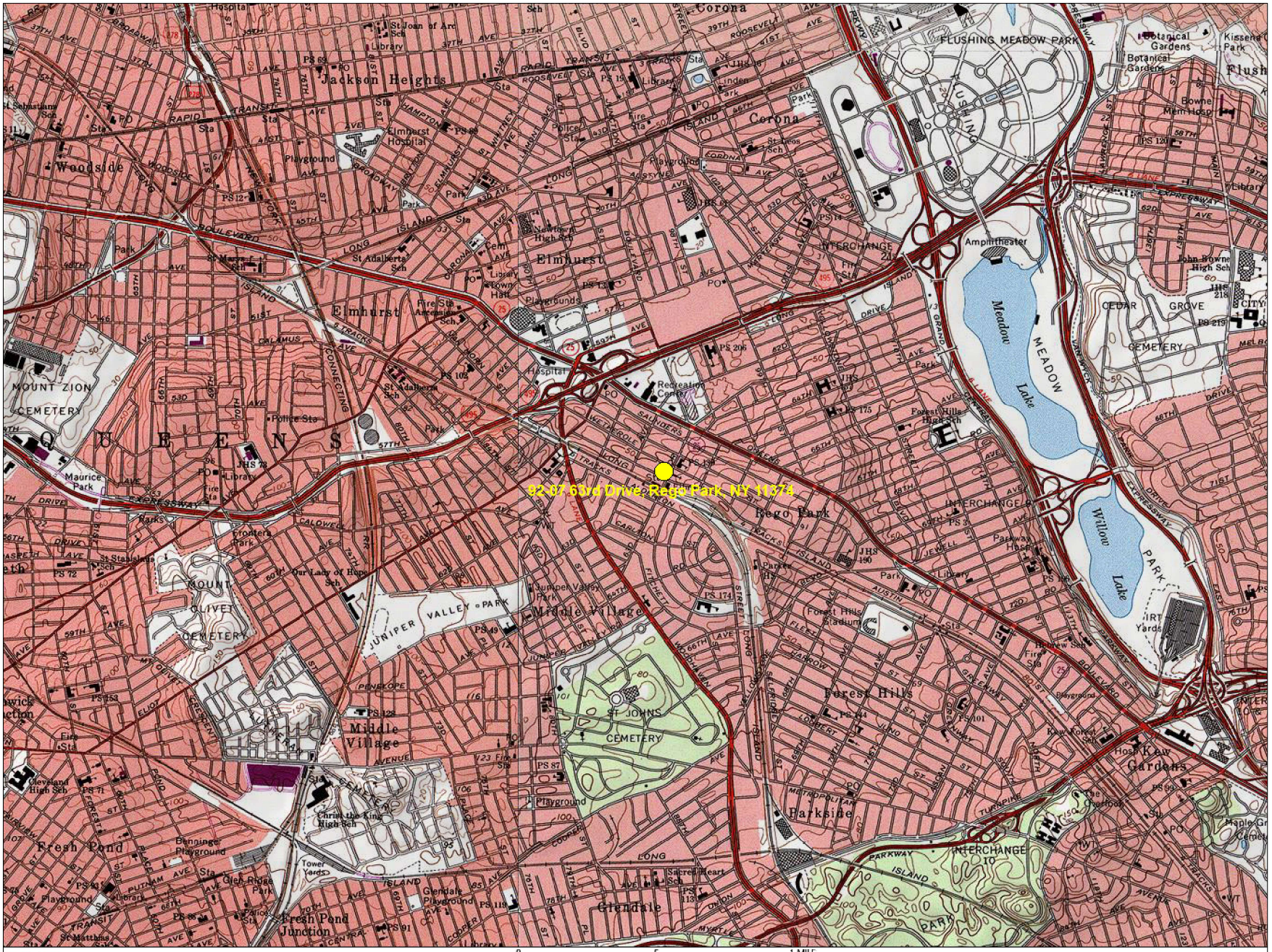
The table below presents an anticipated schedule for the proposed investigation and reporting following the approval of the Work Plan. If the schedules changes, it will be updated and re-submitted to the NYSDEC.

Activity	Weeks (Following Approval of the Work Plan)											
	1	2	3	4	5	6	7	8	9	10	11	12
Coordinate Access with Property Owner												
Laboratory Supplies and Containers												
Collect Soil Vapor Intrusion Samples												
Receipt of Laboratory Analysis												
Data Validation												
EQuIS™ Electronic Data Deliverable												
Report Preparation and Submission												

Section No. 8.0: Investigation Health and Safety Plan

An Occupation Health and Safety Administration (OSHA) compliant Health and Safety Plan (HASP) that meets all OSHA HAZWOPER requirements will be implemented during the site work to protect worker safety. The Site Safety Coordinator will ensure full compliance of the HASP in accordance with applicable health and safety laws and regulations. All field personnel involved in investigation activities will participate in training required under OSHA HAZWOPER 29 CFR 1910.120, including 40-hour hazardous waste operator training and annual 8-hour refresher training. Emergency telephone numbers will be posted at the site location before any work begins. A safety meeting will be conducted before each shift begins. Topics to be discussed include task hazards and protective measures (physical, chemical, environmental); emergency procedures; PPE levels and other relevant safety topics including a highlighted route map to the nearest hospital/emergency room. Meetings will be documented in a logbook or specific form. Potential on-site chemicals of concern include VOCs (specifically chlorinated solvents). Information fact sheets and/or summary tables for each contaminant group are included in the HASP located in Appendix-D. A copy of this HASP will be on-site during each sampling event.

Figures



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Drawing Title

Figure No. 1

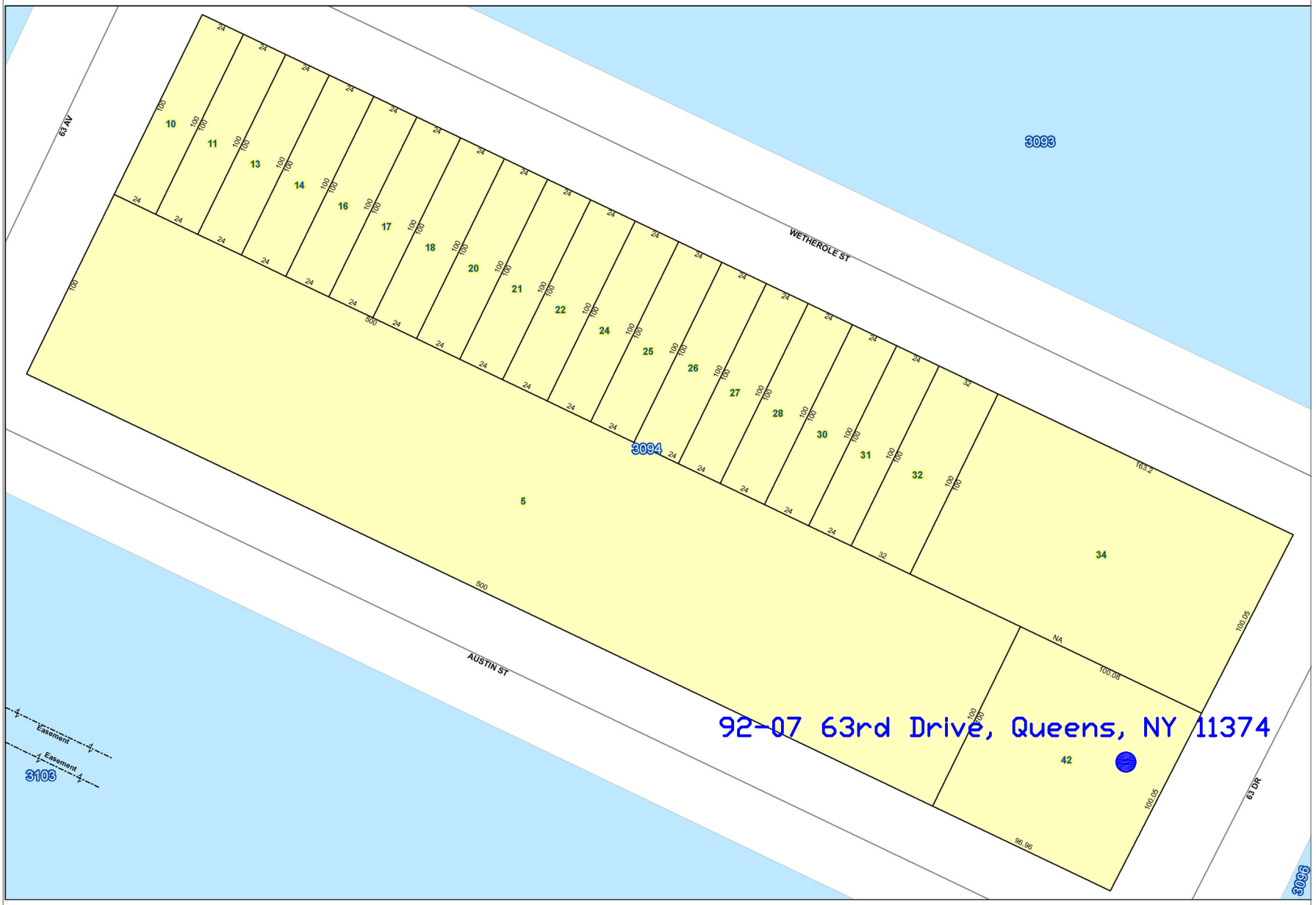
Site Location Map

Scale	Project No.	Date
As Noted	25-62259	09-11-25

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	1 of 5

Drawing No.

1



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Drawing Title

Figure No. 2

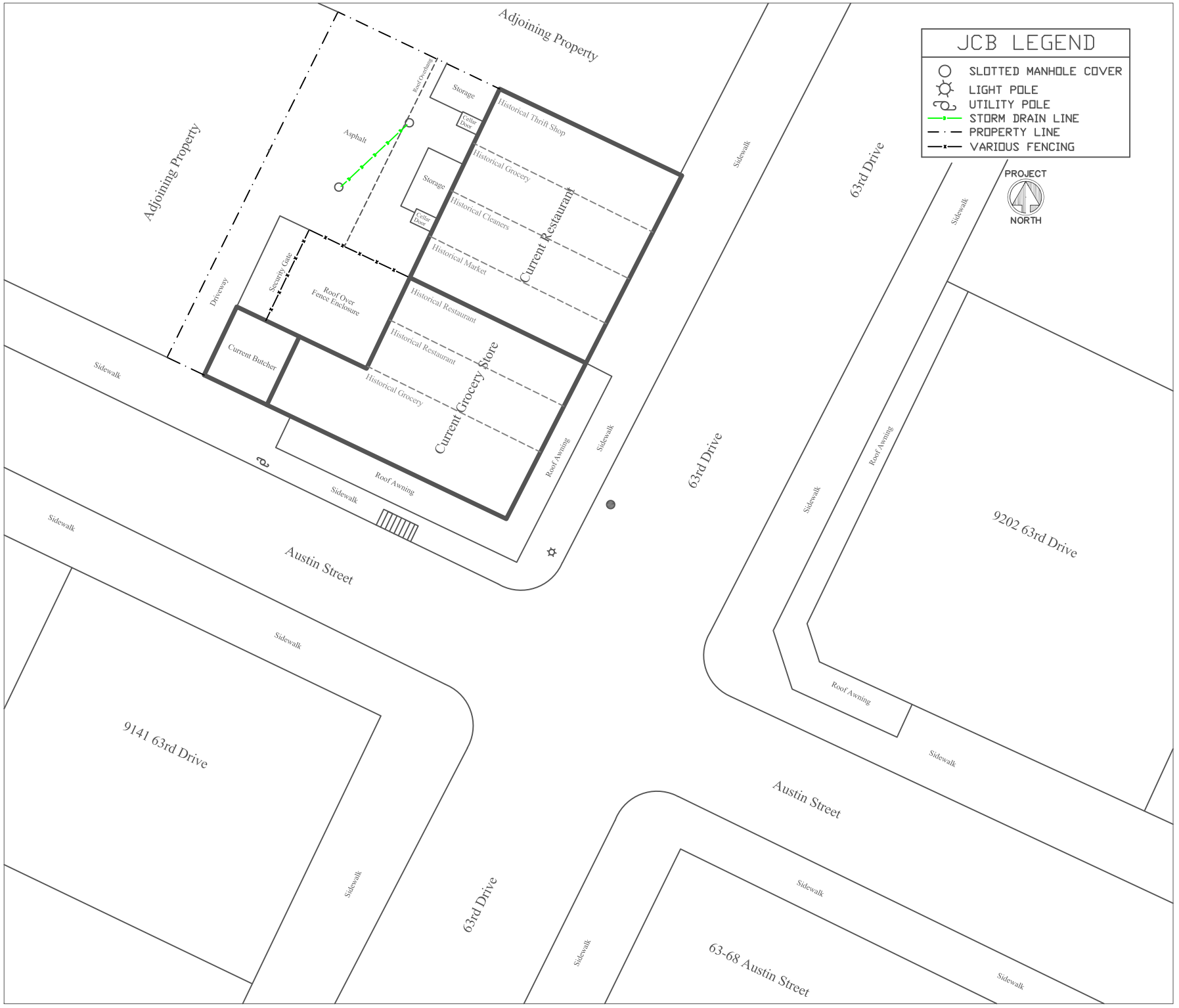
New York City
Tax Map

Scale	Project No.	Date
N.T.S.	25-62259	09-11-25

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	2 of 5

Drawing No.

2



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Drawing Title

Figure No. 3

Surrounding Area Location Map

Scale	Project No.	Date
N.T.S.	25-62259	08-15-25

Drawn By	Checked By	Page No.
C.C.D.	S.W.M.	3 of 5

Drawing No.

3



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Drawing Title

Figure No. 4

Historical Use Map

Scale	Project No.	Date
N.T.S.	25-62259	08-15-25

Drawn By	Checked By	Page No.
C.C.D.	S.W.M.	4 of 5

Drawing No.

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Drawing Title

Figure No. 5

Proposed
Sampling
Locations Map

Scale	Project No.	Date
N.T.S.	25-62259	04-21-26

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	5 of 5

Drawing No.

5

Appendix A
Historic Site Reports

TOXICS TARGETING

Phase I
Environmental Database Report

92-07 63rd Drive
Rego Park, NY 11374

April 15, 2024

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

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- *Unmappable Sites*
- *Hazardous Waste Codes*
- *Information Source Guide*

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Introduction

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

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

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

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

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

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

The Three Sections Of Your Report

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

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

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

How to Use Your Report

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

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

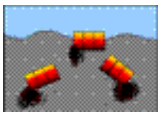
- Check Table Three to see identified sites ranked by proximity to the target address.

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

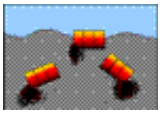
- Use Table Five to get info for the subject parcel and every parcel found on the Tax Parcel Map
- Refer to the various maps to see the locations of identified toxic sites. Refer to the *Toxic Site Profile* and *Appendix* sections for additional information.

Toxic Site Databases Analyzed In Your Report

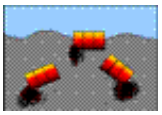
Search Radius

One-Mile 

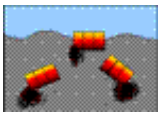
1) ***National Priority List for Federal Superfund Cleanup****:* a listing of sites known to pose environmental or health hazards that are being investigated or cleaned up under the Federal Superfund program.

Half-Mile 

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

One-Mile 

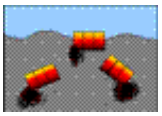
3) ***New York Inactive Hazardous Waste Disposal Site Registry****:* a state listing of sites that can pose environmental or public health hazards requiring investigation or clean up.

One-Mile 

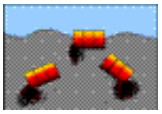
4) ***New York Inactive Hazardous Waste Disposal Site Registry Qualifying****:* a state listing of sites that qualify for possible inclusion to the NYS DEC Inactive Haz. Waste Disposal Site Registry.

One-Mile 

5) ***New York and Federal RCRA Corrective Action Activity (CORRACTS):*** waste facilities with RCRA corrective action activity reported by the USEPA and NYS DEC.

Half-Mile 

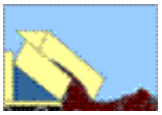
6) ***CERCLIS*** (Comprehensive Environmental Response, Compensation and Liability Information System): a federal listing of Non-NFRAP sites that can pose environmental or public health hazards requiring investigation or clean up.

Half-Mile 

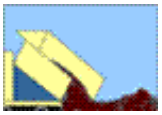
7) ***CERCLIS NFRAP:*** a federal listing of CERCLIS sites that have no further remedial action planned.

Half-Mile 

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

Half-Mile 

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

Half-Mile 

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

Half-Mile 

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

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

Half-Mile 

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

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

Eighth-Mile 

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

Eighth-Mile 

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

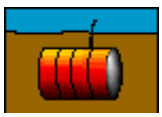
Eighth-Mile 

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

Eighth-Mile 

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

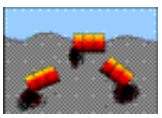
- ***RCRA violations:*** waste facilities with violations reported by the USEPA pursuant to the Resource Conservation and Recovery Act.

Eighth-Mile 

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

Eighth-Mile 

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

Half-Mile 

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

Eighth-Mile 

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

Eighth-Mile 

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

Eighth-Mile 

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

Eighth-Mile 

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

On-site only (250 ft) 

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

Property only 

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

Limitations Of The Information In Your Report

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

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

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

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

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

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

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

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

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

Section One:

Report Summary

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

NUMBER OF IDENTIFIED SITES BY DISTANCE INTERVAL

Database Searched	0 − 100 ft	100 ft − 1/8 mi	1/8 mi − 1/4 mi	1/4 mi − 1/2 mi	1/2 mi − 1 mi	Site Category Totals
ASTM−Required 1 Mile Search						
National Priority List (NPL) Sites	0	0	0	0	0	0
NYS Inactive Hazardous Waste Disposal Site Registry	1	0	0	0	2	3
NYS Inactive Haz Waste Disposal Site Registry Qualifying	0	0	0	0	0	0
RCRA Corrective Action (CORRACTS) Sites	0	0	0	0	0	0
ASTM−Required 1/2 Mile Search						
Delisted National Priority List (NPL) Sites	0	0	0	0	Not searched	0
CERCLIS Superfund Non−NFRAP Sites	0	0	0	0	Not searched	0
CERCLIS Superfund NFRAP Sites	0	0	0	0	Not searched	0
Brownfields Sites						
Voluntary Cleanup Program	0	0	0	0	Not searched	0
Environmental Restoration Program	0	0	0	0	Not searched	0
Brownfield Cleanup Program	0	1	0	1	Not searched	2
NYC Voluntary Cleanup Program	0	0	0	0	Not searched	0
NYSDEC Solid Waste Facilities / Landfills	0	0	0	0	Not searched	0
RCRA Hazardous Waste Treatment, Storage, Disposal Sites	0	0	0	0	Not searched	0
NYS Toxic Spills						
Active Tank Failures	0	0	0	0	Not searched	0
Active Tank Test Failures	0	0	0	0	Not searched	0
Active Spills − Unknown / Other Causes	0	1	0	0	Not searched	1
Active Spills − Miscellaneous Causes	0	0	0	0	Not searched	0
Closed Tank Failures	0	1	2	5	Not searched	8
Closed Tank Test Failures	0	1	9	34	Not searched	44
Closed Spills − Unknown / Other Causes	0	2	20	47	Not searched	69
Closed Spills − Miscellaneous Causes	0	6	1(39)	5(99)	Not searched	12(138)
ASTM−Required Property & Adjacent Property (1/8 Mile Search)						
NYS Major Oil Storage Facilities	0	0	Not searched	Not searched	Not searched	0
Local & State Petroleum Bulk Storage Sites	0	9	Not searched	Not searched	Not searched	9
RCRA Hazardous Waste Generators & Transporters	1	23	Not searched	Not searched	Not searched	24
NYS Chemical Bulk Storage Sites	0	0	Not searched	Not searched	Not searched	0
Historic Utility Facilities	0	0	Not searched	Not searched	Not searched	0
ASTM−Required On−Site Only Search						
NYC Environmental Quality Review Requirements ("E") Sites*	0	0	Not searched	Not searched	Not searched	0
Emergency Response Notification System (ERNS)	0	Not searched	Not searched	Not searched	Not searched	0
Institutional Controls / Engineering Controls (IC/EC)	See databases for NPL, CERCLIS, Inactive Hazardous Waste Disposal Site Registry and Brownfield Sites.					
ASTM−Required Databases Distance Interval Totals	**2**	**44**	**32(39)**	**92(99)**	**2**	**172(138)**

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

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

NOTE: Table continues on next page.

Non−ASTM Databases 1/2 Mile Search						
1934 NYC Municipal Waste Landfills	0	0	1	0	Not searched	1
Hazardous Substance Waste Disposal Sites	0	0	0	0	Not searched	0
Non−ASTM Databases 1/8 Mile Search						
Toxic Release Inventory Sites (TRI)	0	0	Not searched	Not searched	Not searched	0
Permit Compliance System (PCS) Toxic Wastewater Discharges	0	0	Not searched	Not searched	Not searched	0
Air Discharges	0	2	Not searched	Not searched	Not searched	2
Civil & Administrative Enforcement Docket Facilities	0	1	Not searched	Not searched	Not searched	1
Non−ASTM Databases Distance Interval Totals	**0**	**3**	**1**	**0**	**Not Searched**	**4**
Distance Interval Totals	***2***	***47***	***33(39)***	***92(99)***	***2***	***176(138)***

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

Identified Toxic Sites by Direction

92−07 63rd Drive
Rego Park, NY 11374

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

Sites less than 100 feet from subject property sorted by distance

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
1	92−07 63RD DRIVE	92−07 63RD DRIVE	0 feet	NYSDEC Inactive Haz Waste Disposal Site
151	MARVANN CLEANERS	92−07 63 DRIVE	0 feet	Hazardous Waste Generator/Transporter

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

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
144	63−45 WETHEROLE ST	63−45 WETHEROLE ST	294 feet to the N	Petroleum Bulk Storage Site
9	PRIVATE HOME	63−41 BOOTH STREET	545 feet to the N	Closed Status Tank Failure
142	POLO LLC	63−50 WETHEROLE STREET	122 feet to the NNE*	Petroleum Bulk Storage Site
155	CON EDISON	93−03 63 DR	246 feet to the NNE	Hazardous Waste Generator/Transporter
143	STERLING WONG	93−01 63 DR	279 feet to the NNE	Petroleum Bulk Storage Site
158	PARK CLEANERS & TAILORS	93−21 63RD DRIVE	345 feet to the NNE	Hazardous Waste Generator/Transporter
177	PARK CLEANERS	93−21 63RD DR	375 feet to the NNE	Civil & Admin. Enforcement Docket Site
174	MAGNOLIA FRENCH CLEANERS	94−17 63RD DRIVE	630 feet to the NNE	Hazardous Waste Generator/Transporter
4	94−17 63RD DRIVE	94−17 63RD DRIVE	633 feet to the NNE	Brownfields Site
175	PARK CLEANERS	94−17 63RD DRIVE	634 feet to the NNE	Air Discharge Site
176	DALK CLEANERS	9417 63RD DR	634 feet to the NNE	Air Discharge Site
8	VACANT STORE FRONT	94−17 63RD DR	635 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
153	CON EDISON	S/E/CORNER & W 63 DR.	203 feet to the NE	Hazardous Waste Generator/Transporter
154	CON EDISON	NWC WETHEROLE ST & 63 DR	203 feet to the NE	Hazardous Waste Generator/Transporter
166	GRAND ONE HOUR PHOTO	94−02A 63RD DRIVE	539 feet to the NE	Hazardous Waste Generator/Transporter
162	NYC DEPT OF EDUCATION − PS 139Q	93−06 63RD DR	476 feet to the ENE	Hazardous Waste Generator/Transporter
132	SPILL NUMBER 9812487	93−06 63RD DR	478 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
133	PS 139	93−06 63RD DR	478 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
149	P.S. 139− QUEENS Q139	93−06 63RD DRIVE	509 feet to the ENE	Petroleum Bulk Storage Site
145	CAPRI APARTMENTS	63−80 WETHEROLE STREET	295 feet to the E	Petroleum Bulk Storage Site
152	J C CLEANERS	92−02A 63RD DR	185 feet to the ESE*	Hazardous Waste Generator/Transporter
147	63−95 AUSTIN OWNERS CORPORATION	63−95 AUSTIN STREET	326 feet to the ESE	Petroleum Bulk Storage Site
148	63−94 AUSTIN ST.	63−70 AUSTIN STREET	502 feet to the ESE	Petroleum Bulk Storage Site
130	CONTRUCTION SITE	63−68 AUSTIN ST	256 feet to the SE	Closed Status Spill (Misc. Spill Cause)
156	CON EDISON − MANHOLE M16736	91−32 63 DR	270 feet to the SSE	Hazardous Waste Generator/Transporter

131	LIRR	63RD DRIVE N OF MAIN LINE	320 feet to the S	Closed Status Spill (Misc. Spill Cause)
150	PARK DRIVE SS INC	91−02 63 DRIVE	555 feet to the S	Petroleum Bulk Storage Site
134	MANHOLE 13763	63RD DR & ALDERTON ST	576 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
164	CON ED	63−45 ALDERTON AV	489 feet to the SW	Hazardous Waste Generator/Transporter
165	CON EDISON	63−33 ALDERTON ST	534 feet to the SW	Hazardous Waste Generator/Transporter
168	CON EDISON	63−29 ALDERTON ST	550 feet to the SW	Hazardous Waste Generator/Transporter
173	CON ED	63−27 ALDERTON ST	614 feet to the SW	Hazardous Waste Generator/Transporter
157	PICASSO COACH BUILDER	63−34 AUSTIN STREET	301 feet to the WSW	Hazardous Waste Generator/Transporter
169	CON EDISON	63−25 ALDERTON ST	568 feet to the WSW	Hazardous Waste Generator/Transporter
161	CON EDISON − VAULT 7657	63−18 AUSTIN ST	408 feet to the W	Hazardous Waste Generator/Transporter
146	TAS REALTY, LLC	63−25 AUSTIN ST	302 feet to the WNW	Petroleum Bulk Storage Site
17	TTF	6319 AUSTIN ST	330 feet to the WNW	Closed Status Tank Test Failure
160	CON EDISON	FO 63−18 AUSTIN ST	377 feet to the WNW	Hazardous Waste Generator/Transporter
61	MANHOLE 17148	63RD AVE & AUSTIN ST	596 feet to the WNW	Closed Status Spill (Unk/Other Cause)
62	MANHOLE 15470	63RD AVE & AUSTIN AVE	596 feet to the WNW	Closed Status Spill (Unk/Other Cause)
135	BUSINESS	60 3RD AVE/S OF AUSTIN ST	596 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
170	CONSOLIDATED EDISON	VS7244−AUSTIN ST & 63RD AVE	596 feet to the WNW	Hazardous Waste Generator/Transporter
171	CONSOLIDATED EDISON	V7657−AUSTIN ST & 63RD AVE	596 feet to the WNW	Hazardous Waste Generator/Transporter
172	CONSOLIDATED EDISON	AUSTIN ST & 63 AVE MH17148	596 feet to the WNW	Hazardous Waste Generator/Transporter
159	CON EDISON	63−22 WETHEROLE ST	359 feet to the NW	Hazardous Waste Generator/Transporter
163	CON EDISON	6310 WETHEROLE ST	477 feet to the NW	Hazardous Waste Generator/Transporter
167	CON EDISON − MANHOLE 17103	63−02 WETHEROLE ST	547 feet to the NW	Hazardous Waste Generator/Transporter

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

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
73	MANHOLE #15753	QUEENS BLVD SO OF 62ND DR	1187 feet to the N	Closed Status Spill (Unk/Other Cause)
91	MANHOLE # 12723	JUNCTION BLVD/62 DRIVE	1571 feet to the N	Closed Status Spill (Unk/Other Cause)
29	TEST FAILURE	94− 03 QUEENS BLVD	1585 feet to the N	Closed Status Tank Test Failure
104	SIDEWALK	61−35 JUNCTION BLVD	2037 feet to the N	Closed Status Spill (Unk/Other Cause)
6	REGO PARK CENTER III	93−30 93RD STREET	2070 feet to the N	Brownfields Site
114	VS 1861	S SERVICE RD/JUNCTION BL	2207 feet to the N	Closed Status Spill (Unk/Other Cause)
122	TRANSFORMER VAULT #1137	97TH ST & HORACE HARDING	2441 feet to the N	Closed Status Spill (Unk/Other Cause)
129	59−17 JUNCTION BLVD.	59−17 JUNCTION BLVD.	2619 feet to the N	Closed Status Spill (Unk/Other Cause)
7		JUNCTION AVE. & 63RD DR.	1035 feet to the NNE	Solid Waste Facility
10	ALEXANDER'S INC.	QUEENS BLVD/63RD RD	1037 feet to the NNE	Closed Status Tank Failure
12	96−05 QUEENS BLVD.	96−05 QUEENS BLVD	1491 feet to the NNE	Closed Status Tank Failure
109	DRUM BARRIED IN EXCAVATION SITE	97TH PLACE & 62 DRIVE	2078 feet to the NNE	Closed Status Spill (Unk/Other Cause)
117	MANHOLE	WEST SIDE 98TH − 37 N 62 DR	2285 feet to the NNE	Closed Status Spill (Unk/Other Cause)
50	APARTMENT BLDG	61−25 97TH STREET	2366 feet to the NNE	Closed Status Tank Test Failure
51	PARK PLAZA OWNERS INC	61−15 97TH ST	2366 feet to the NNE	Closed Status Tank Test Failure

55	PUBLIC SCHOOL 206−Q	61−21 97TH PL	2522 feet to the NNE	Closed Status Tank Test Failure
56	CLOSED−LACKOF RECENTINFO.	61021 97TH PL	2522 feet to the NNE	Closed Status Tank Test Failure
57	PS #206 SCHOOL	61−21 97TH PLACE	2522 feet to the NNE	Closed Status Tank Test Failure
123	PS 206	61−21 97TH PLACE	2522 feet to the NNE	Closed Status Spill (Unk/Other Cause)
124	PUBLIC SCHOOL 206	61−21 97TH PL	2522 feet to the NNE	Closed Status Spill (Unk/Other Cause)
127	CONDO COMPLEX	61−45 98TH ST	2594 feet to the NNE	Closed Status Spill (Unk/Other Cause)
65	215373; 63 DRIVE AND QUEENS BLVD	63 DRIVE AND QUEENS BLVD	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
66	VS 1893	63RD DR / QUEENS BL	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
67	MANHOLE #1261	QUEENS BLVD & 63RD DR	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
68	MANHOLE 2569	QUEENS BLVD & 63RD DR	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
69	MANHOLE #1261	63RD DR & QUEENS BLVD	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
70	MANHOLE #1260	QUEENS BLVD & 63RD DR	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
11	MOBIL S/S #17−GBR	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Tank Failure
25	EXXONMOBIL	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Tank Test Failure
26	EXXONMOBIL	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Tank Test Failure
74	MOBILE GAS STATION 12833	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Spill (Unk/Other Cause)
75	REGAL PARK	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Spill (Unk/Other Cause)
76	EXXONMOBIL	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Spill (Unk/Other Cause)
77	MANHOLE 1260	9627 QUEENS BLVD	1207 feet to the NE	Closed Status Spill (Unk/Other Cause)
78	96−33 QUEENS BLVD.	96−33 QUEENS BLVD	1233 feet to the NE	Closed Status Spill (Unk/Other Cause)
79	CHICS PLACE	9641 QUEENS BLVD	1233 feet to the NE	Closed Status Spill (Unk/Other Cause)
80	ROADWAY	96−37 QUEENS BLVD	1233 feet to the NE	Closed Status Spill (Unk/Other Cause)
136	96−37 QUEENS BLVD/QUEENS	96−37 QUEENS BLVD	1233 feet to the NE	Closed Status Spill (Misc. Spill Cause)
85	MH 12102	63RD DR/97TH ST	1426 feet to the NE	Closed Status Spill (Unk/Other Cause)
14	YU RES	97−27 63RD DR	1695 feet to the NE	Closed Status Tank Failure
31	97−34 63RD RD/CLEANERS	97−34 63RD RD/CLEANERS	1837 feet to the NE	Closed Status Tank Test Failure
38	OUR LADY OF ANGELS CHURCH	63−63 98TH STREET	1988 feet to the NE	Closed Status Tank Test Failure
39	CLOSED−LACKOF RECENT INFO	63−63 98TH ST.	1988 feet to the NE	Closed Status Tank Test Failure
44	APARTMENT BLDG	63−36 98TH PLACE	2220 feet to the NE	Closed Status Tank Test Failure
128	APT. BUILDING	62−60 99TH ST	2614 feet to the NE	Closed Status Spill (Unk/Other Cause)
18	APARTMENT COMPLEX	64−00 SAUNDERS STREET	802 feet to the ENE	Closed Status Tank Test Failure
71	SLEEPYS MATTRESS PL	96 64 QUEENS BLVD	1066 feet to the ENE	Closed Status Spill (Unk/Other Cause)
83	64TH RD & QUEENS BLVD	64TH RD & QUEENS BLVD	1325 feet to the ENE	Closed Status Spill (Unk/Other Cause)
27	JEWISH CENTER	97−30 QUEENS BLVD	1364 feet to the ENE	Closed Status Tank Test Failure
28	REGO PARK JEWISH CENTER	97−30 QUEENS BOULEVARD	1364 feet to the ENE	Closed Status Tank Test Failure
88	ATF OFFICE	97−45 QUEENS BLVD	1508 feet to the ENE	Closed Status Spill (Unk/Other Cause)
126	65TH ROAD	99TH STREET	2544 feet to the ENE	Closed Status Spill (Unk/Other Cause)
60	APT HOUSE	64−11 99TH STREET	2634 feet to the ENE	Closed Status Tank Test Failure
19	64−49 WETHEROLE ST/ARMCO	64−49 WETHEROLE STREET	954 feet to the E	Closed Status Tank Test Failure
64	PARKOFF RESIDENCE	64 − 45 BOOTH ST	996 feet to the E	Closed Status Spill (Unk/Other Cause)
21	APARTMENT BUILDING	64−62 BOOTH ST	1119 feet to the E	Closed Status Tank Test Failure
22	APT COMPLEX	64−85 BOOTH ST	1145 feet to the E	Closed Status Tank Test Failure
23	APRT	65−04 BOOTH STREET	1194 feet to the E	Closed Status Tank Test Failure
24	APARTMENT BUILDING	65−04 BOOTH ST	1194 feet to the E	Closed Status Tank Test Failure
81	65−20 BOOTH ST	65−20 BOOTH ST	1320 feet to the E	Closed Status Spill (Unk/Other Cause)
82	COMMERCIAL	65−20 BOOTH STREET	1320 feet to the E	Closed Status Spill (Unk/Other Cause)
89	64−85 SAUNDERS ST	64−85 SAUNDERS ST	1509 feet to the E	Closed Status Spill (Unk/Other Cause)
93	65−65 BOOTH ST	65−65 BOOTH	1790 feet to the E	Closed Status Spill (Unk/Other Cause)
103	98−28 QUEENS BLVD	98−28 QUEENS BLVD	1959 feet to the E	Closed Status Spill (Unk/Other Cause)
137	65−61 SAUNDER ST.	65−61 SAUNDER ST	1971 feet to the E	Closed Status Spill (Misc. Spill Cause)

112	MAN HOLE TM651	SAUNDERS ST/66TH AV	2175 feet to the E	Closed Status Spill (Unk/Other Cause)
140	SINRAM MARNIS/QUEENS BLVD	98−51 QUEENS BLVD	2346 feet to the E	Closed Status Spill (Misc. Spill Cause)
125	MANHOLE 1267	QUEENS BLVD/66 ROAD	2539 feet to the E	Closed Status Spill (Unk/Other Cause)
87	CONDOMINIUM	6536 WETHEROLE ST	1489 feet to the ESE	Closed Status Spill (Unk/Other Cause)
94	MAHOLE 12860	65−65 WETHEROLE ST	1809 feet to the ESE	Closed Status Spill (Unk/Other Cause)
102	SERVICE BOX 6505	65−84 AUSTIN ST	1945 feet to the ESE	Closed Status Spill (Unk/Other Cause)
106	NEW CONSTRUCTION SITE	AUSTIN ST AND 66TH AVE	2063 feet to the ESE	Closed Status Spill (Unk/Other Cause)
138	VAULT VS5583	AUSTIN ST & 66TH AVE	2063 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
115	COMMERCIAL	66−15 WEATHEROLE STREET	2223 feet to the ESE	Closed Status Spill (Unk/Other Cause)
45	COMMERCIAL COMPLEX TTF	66−20 WETHEROLE ST	2266 feet to the ESE	Closed Status Tank Test Failure
43	66−01 BURNS ST	66−01 BURNS ST	2095 feet to the SE	Closed Status Tank Test Failure
46	66−10 THORNTON PL	66−10 THORNTON PL	2273 feet to the SE	Closed Status Tank Test Failure
54	TANK TEST FAILURE TTF	66−15 THORTON PL	2478 feet to the SE	Closed Status Tank Test Failure
98	100 GAL FROM XFMR # 6540	64 ROAD & BOELSEN CRESENT	1856 feet to the SSE	Closed Status Spill (Unk/Other Cause)
13	63−08 ELLWELL CRESCENT	63−08 ELLWELL CRESCENT	1501 feet to the S	Closed Status Tank Failure
15	EXXONMOBIL	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Tank Failure
48	EXXONMOBIL	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Tank Test Failure
49	EXXONMOBIL	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Tank Test Failure
118	MOBIL STATION 11399	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Spill (Unk/Other Cause)
139	MOBIL S/S #17−HBT	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Spill (Misc. Spill Cause)
20	CLOSED−LACKOF RECENT INFO	89010 63RD DRIVE	979 feet to the SSW	Closed Status Tank Test Failure
90	6357 FITCHETT ST	6357 FITCHETT ST	1530 feet to the SSW	Closed Status Spill (Unk/Other Cause)
99	MANHOLE #5613	63RD DR/EVERETON ST	1870 feet to the SSW	Closed Status Spill (Unk/Other Cause)
105	MANHOLE #13646	WOODHAVEN BL & PENELOPE A	2058 feet to the SSW	Closed Status Spill (Unk/Other Cause)
107	WOODHAVEN BLVD/ 63RD ST	WOODHAVEN BLVD/ 63RD ST	2067 feet to the SSW	Closed Status Spill (Unk/Other Cause)
108	63−93 WOODHAVEN BLVD/QUNS	63−93 WOODHAVEN BLVD	2072 feet to the SSW	Closed Status Spill (Unk/Other Cause)
111	63RD DR & WOODHAVEN BLVD	63RD DR & WOODHAVEN BLVD	2139 feet to the SSW	Closed Status Spill (Unk/Other Cause)
119	MANHOLE 14018	64TH RD EAST OF WOODHAVEN	2347 feet to the SSW	Closed Status Spill (Unk/Other Cause)
95	MANHOLE # 14019	WOODHAVEN BLVD/63 AVE	1830 feet to the SW	Closed Status Spill (Unk/Other Cause)
96	MANHOLE 8974	WOODHAVEN BLVD & 63 AVE	1830 feet to the SW	Closed Status Spill (Unk/Other Cause)
40	APT BUILDING	84−53 DANA COURT	2040 feet to the SW	Closed Status Tank Test Failure
41	APARTMENT BUILDING	84−53 DANA COURT	2040 feet to the SW	Closed Status Tank Test Failure
42	84−53 DANA CT	84−53 DANA CT	2040 feet to the SW	Closed Status Tank Test Failure
116	MANHOLE 8972	63RD AVE/84TH DR	2232 feet to the SW	Closed Status Spill (Unk/Other Cause)
92	62−43 WOODHAVEN BLVD/QUNS	62−43 WOODHAVEN BLVD	1618 feet to the WSW	Closed Status Spill (Unk/Other Cause)
86	VS #5311	ALDERTON STREET & 62 AVENUE	1435 feet to the W	Closed Status Spill (Unk/Other Cause)
30	APT. BUILDING	61−61 WOODHEVEN BLVD	1675 feet to the W	Closed Status Tank Test Failure
32	61−01 WOODHAVEN BLV/GETTY	61−01 WOODHAVEN BLVD	1848 feet to the W	Closed Status Tank Test Failure
33	61−80 WOODHAVEN BLVD.	61−80 WOODHAVEN BLVD	1906 feet to the W	Closed Status Tank Test Failure
34	61−80 WOODHAVEN BLVD.	61−80 WOODHAVEN BLVD	1906 feet to the W	Closed Status Tank Test Failure
35	61−80 WOODHAVEN BLVD/	61−80 WOODHAVEN BLVD	1906 feet to the W	Closed Status Tank Test Failure
36	WOODHAVEN NURSING HOME	61−80 WOODHAVEN BLVD	1906 feet to the W	Closed Status Tank Test Failure
37	EXXON MOBILE#10941	61−60 WOODHAVEN BLVD	1937 feet to the W	Closed Status Tank Test Failure
101	MOBIL 10941	61−60 WOODHAVEN BLVD	1937 feet to the W	Closed Status Spill (Unk/Other Cause)
97	MANHOLE #8111	ELLIOT AV / WETHEROLE ST	1845 feet to the WNW	Closed Status Spill (Unk/Other Cause)

110	VACANT BUILDING	60−69 WOODHAVEN BLVD	2079 feet to the WNW	Closed Status Spill (Unk/Other Cause)
53	60−50 WOODHAVEN BLVD	60050 WOODHAVEN BLVD.	2401 feet to the WNW	Closed Status Tank Test Failure
120	60−50 WOODHAVEN BLVD.	60−50 WOODHAVEN BLVD	2401 feet to the WNW	Closed Status Spill (Unk/Other Cause)
121	BP AMOCO STATION #3167	60−50 WOODHAVEN BLVD	2401 feet to the WNW	Closed Status Spill (Unk/Other Cause)
113	SOUTHBOUND, NORTH OF LI E	QUEENS BLVD	2204 feet to the NW	Closed Status Spill (Unk/Other Cause)
47	QUEENS LIGHT HOUSE	16−05 WOODHAVEN BLVD	2279 feet to the NW	Closed Status Tank Test Failure
141	WOODHAVEN BLVD/LONG ISLAN	WOODHAVEN BLVD/LONG ISLAN	2471 feet to the NW	Closed Status Spill (Misc. Spill Cause)
2	90−02 QUEENS BLVD	90−02 QUEENS BLVD.	3208 feet to the NW	NYSDEC Inactive Haz Waste Disposal Site
3	BROADWAY AND QUEENS BLVD GW	BROADWAY BETWEEN JUSTICE AVE AND QUEENS BLVD	4965 feet to the NW	NYSDEC Inactive Haz Waste Disposal Site
63	MANHOLE# 2730	63RD AV/SAUNDERS AV	915 feet to the NNW	Closed Status Spill (Unk/Other Cause)
72	APT BLDG	62− 82 SAUNDERS ST	1134 feet to the NNW	Closed Status Spill (Unk/Other Cause)
84	AT&T REGO PARK	94−03 QUEENS BLVD	1395 feet to the NNW	Closed Status Spill (Unk/Other Cause)
100	SERVICE BOX 37404	92−42 QUEENS BLVD	1890 feet to the NNW	Closed Status Spill (Unk/Other Cause)
5	REGO PARK CENTER III	93−30 93RD STREET	1955 feet to the NNW	Brownfields Site
16	APARTMENT COMPLEX	94−10 60TH AVE	2396 feet to the NNW	Closed Status Tank Failure
52	94−10 60TH AVE	94−10 60TH AVE	2396 feet to the NNW	Closed Status Tank Test Failure
58	APARTMENT	91−31 QUEENS BLVD	2626 feet to the NNW	Closed Status Tank Test Failure
59	EXPRESSWAY REALITY	91−31 QUEENS BLVD	2626 feet to the NNW	Closed Status Tank Test Failure

Identified Toxic Sites by Category

92−07 63rd Drive
Rego Park, NY 11374

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

NYSDEC Inactive Haz. Waste Disposal Site Registry −− Total Sites − 3

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
1	241270	92−07 63RD DRIVE	92−07 63RD DRIVE	0 feet
2	241249	90−02 QUEENS BLVD	90−02 QUEENS BLVD.	3208 feet to the NW
3	241147	BROADWAY AND QUEENS BLVD GW	BROADWAY BETWEEN JUSTICE AVE AND QUEENS BLVD	4965 feet to the NW

Brownfields Sites −− Total Sites − 2

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
4	C241240	94−17 63RD DRIVE	94−17 63RD DRIVE	633 feet to the NNE
5	C241259	REGO PARK CENTER III	93−30 93RD STREET	1955 feet to the NNW
6	C241259	REGO PARK CENTER III	93−30 93RD STREET	2070 feet to the N

Solid Waste Facilities −− Total Sites − 1

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
7	NY267		JUNCTION AVE. & 63RD DR.	1035 feet to the NNE

Active Haz Spills (Unknown Causes & Other Causes) −− Total Sites − 1

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
8	1900077	VACANT STORE FRONT	94−17 63RD DR	635 feet to the NNE

Closed Status Tank Failures −− Total Sites − 8

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
9	0610101	PRIVATE HOME	63−41 BOOTH STREET	545 feet to the N
10	9412400	ALEXANDER'S INC.	QUEENS BLVD/63RD RD	1037 feet to the NNE
11	9008859	MOBIL S/S #17−GBR	96−27 QUEENS BLVD	1207 feet to the NE
12	9401907	96−05 QUEENS BLVD.	96−05 QUEENS BLVD	1491 feet to the NNE
13	9509456	63−08 ELLWELL CRESCENT	63−08 ELLWELL CRESCENT	1501 feet to the S
14	0207498	YU RES	97−27 63RD DR	1695 feet to the NE
15	8903316	EXXONMOBIL	64−01 WOODHAVEN BLVD	2307 feet to the S
16	0302112	APARTMENT COMPLEX	94−10 60TH AVE	2396 feet to the NNW

Closed Status Tank Test Failures −− Total Sites − 44

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

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
17	1009787	TTF	6319 AUSTIN ST	330 feet to the WNW
18	0112288	APARTMENT COMPLEX	64−00 SAUNDERS STREET	802 feet to the ENE
19	8806641	64−49 WETHEROLE ST/ARMCO	64−49 WETHEROLE STREET	954 feet to the E
20	8910619	CLOSED−LACKOF RECENT INFO	89010 63RD DRIVE	979 feet to the SSW
21	0809749	APARTMENT BUILDING	64−62 BOOTH ST	1119 feet to the E
22	9802245	APT COMPLEX	64−85 BOOTH ST	1145 feet to the E
23	0711682	APRT	65−04 BOOTH STREET	1194 feet to the E
24	0212162	APARTMENT BUILDING	65−04 BOOTH ST	1194 feet to the E
25	9202690	EXXONMOBIL	96−27 QUEENS BLVD	1207 feet to the NE
26	0204910	EXXONMOBIL	96−27 QUEENS BLVD	1207 feet to the NE
27	0511631	JEWISH CENTER	97−30 QUEENS BLVD	1364 feet to the ENE
28	0301570	REGO PARK JEWISH CENTER	97−30 QUEENS BOULEVARD	1364 feet to the ENE
29	2102212	TEST FAILURE	94− 03 QUEENS BLVD	1585 feet to the N
30	0706989	APT. BUILDING	61−61 WOODHEVEN BLVD	1675 feet to the W
31	9106704	97−34 63RD RD/CLEANERS	97−34 63RD RD/CLEANERS	1837 feet to the NE

32	8801981	61−01 WOODHAVEN BLV/GETTY	61−01 WOODHAVEN BLVD	1848 feet to the W
33	8909178	61−80 WOODHAVEN BLVD.	61−80 WOODHAVEN BLVD	1906 feet to the W
34	8906486	61−80 WOODHAVEN BLVD.	61−80 WOODHAVEN BLVD	1906 feet to the W
35	8707845	61−80 WOODHAVEN BLVD/	61−80 WOODHAVEN BLVD	1906 feet to the W
36	0111247	WOODHAVEN NURSING HOME	61−80 WOODHAVEN BLVD	1906 feet to the W
37	0800147	EXXON MOBILE#10941	61−60 WOODHAVEN BLVD	1937 feet to the W
38	9502729	OUR LADY OF ANGELS CHURCH	63−63 98TH STREET	1988 feet to the NE
39	8706403	CLOSED−LACKOF RECENT INFO	63−63 98TH ST.	1988 feet to the NE
40	0913483	APT BUILDING	84−53 DANA COURT	2040 feet to the SW
41	0413123	APARTMENT BUILDING	84−53 DANA COURT	2040 feet to the SW
42	0212929	84−53 DANA CT	84−53 DANA CT	2040 feet to the SW
43	9806384	66−01 BURNS ST	66−01 BURNS ST	2095 feet to the SE
44	9801177	APARTMENT BLDG	63−36 98TH PLACE	2220 feet to the NE
45	1200573	COMMERCIAL COMPLEX TTF	66−20 WETHEROLE ST	2266 feet to the ESE
46	9806383	66−10 THORNTON PL	66−10 THORNTON PL	2273 feet to the SE
47	9802214	QUEENS LIGHT HOUSE	16−05 WOODHAVEN BLVD	2279 feet to the NW
48	9808388	EXXONMOBIL	64−01 WOODHAVEN BLVD	2307 feet to the S
49	9008071	EXXONMOBIL	64−01 WOODHAVEN BLVD	2307 feet to the S
50	0701066	APARTMENT BLDG	61−25 97TH STREET	2366 feet to the NNE
51	0206557	PARK PLAZA OWNERS INC	61−15 97TH ST	2366 feet to the NNE
52	0301856	94−10 60TH AVE	94−10 60TH AVE	2396 feet to the NNW
53	9208276	60−50 WOODHAVEN BLVD	60050 WOODHAVEN BLVD.	2401 feet to the WNW
54	1201782	TANK TEST FAILURE TTF	66−15 THORTON PL	2478 feet to the SE
55	9912721	PUBLIC SCHOOL 206−Q	61−21 97TH PL	2522 feet to the NNE
56	9213614	CLOSED−LACKOF RECENTINFO.	61021 97TH PL	2522 feet to the NNE
57	0013054	PS #206 SCHOOL	61−21 97TH PLACE	2522 feet to the NNE
58	0407019	APARTMENT	91−31 QUEENS BLVD	2626 feet to the NNW
59	0304242	EXPRESSWAY REALITY	91−31 QUEENS BLVD	2626 feet to the NNW
60	0308070	APT HOUSE	64−11 99TH STREET	2634 feet to the ENE

Closed Status Spills (Unknown Causes & Other Causes) −− Total Sites − 69 **Database searched at 1/2 MILE − ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
61	0205742	MANHOLE 17148	63RD AVE & AUSTIN ST	596 feet to the WNW
62	0012026	MANHOLE 15470	63RD AVE & AUSTIN AVE	596 feet to the WNW
63	0002217	MANHOLE# 2730	63RD AV/SAUNDERS AV	915 feet to the NNW
64	1411921	PARKOFF RESIDENCE	64 − 45 BOOTH ST	996 feet to the E
65	0913996	215373; 63 DRIVE AND QUEENS BLVD	63 DRIVE AND QUEENS BLVD	1065 feet to the NE
66	0208298	VS 1893	63RD DR / QUEENS BL	1065 feet to the NE
67	0111203	MANHOLE #1261	QUEENS BLVD & 63RD DR	1065 feet to the NE
68	0109644	MANHOLE 2569	QUEENS BLVD & 63RD DR	1065 feet to the NE
69	0104102	MANHOLE #1261	63RD DR & QUEENS BLVD	1065 feet to the NE
70	0009955	MANHOLE #1260	QUEENS BLVD & 63RD DR	1065 feet to the NE
71	1309148	SLEEPYS MATTRESS PL	96 64 QUEENS BLVD	1066 feet to the ENE
72	1711235	APT BLDG	62− 82 SAUNDERS ST	1134 feet to the NNW
73	0009954	MANHOLE #15753	QUEENS BLVD SO OF 62ND DR	1187 feet to the N
74	0909175	MOBILE GAS STATION 12833	96−27 QUEENS BLVD	1207 feet to the NE
75	0908743	REGAL PARK	96−27 QUEENS BLVD	1207 feet to the NE
76	0902519	EXXONMOBIL	96−27 QUEENS BLVD	1207 feet to the NE
77	0105978	MANHOLE 1260	9627 QUEENS BLVD	1207 feet to the NE
78	9313862	96−33 QUEENS BLVD.	96−33 QUEENS BLVD	1233 feet to the NE
79	1609157	CHICS PLACE	9641 QUEENS BLVD	1233 feet to the NE
80	0010145	ROADWAY	96−37 QUEENS BLVD	1233 feet to the NE
81	9504462	65−20 BOOTH ST	65−20 BOOTH ST	1320 feet to the E

82	2203740	COMMERCIAL	65−20 BOOTH STREET	1320 feet to the E
83	9113255	64TH RD & QUEENS BLVD	64TH RD & QUEENS BLVD	1325 feet to the ENE
84	9701642	AT&T REGO PARK	94−03 QUEENS BLVD	1395 feet to the NNW
85	0805404	MH 12102	63RD DR/97TH ST	1426 feet to the NE
86	0603962	VS #5311	ALDERTON STREET & 62 AVENUE	1435 feet to the W
87	1610076	CONDOMINIUM	6536 WETHEROLE ST	1489 feet to the ESE
88	9909644	ATF OFFICE	97−45 QUEENS BLVD	1508 feet to the ENE
89	9504463	64−85 SAUNDERS ST	64−85 SAUNDERS ST	1509 feet to the E
90	9707380	6357 FITCHETT ST	6357 FITCHETT ST	1530 feet to the SSW
91	0409834	MANHOLE # 12723	JUNCTION BLVD/62 DRIVE	1571 feet to the N
92	8809917	62−43 WOODHAVEN BLVD/QUNS	62−43 WOODHAVEN BLVD	1618 feet to the WSW
93	0313737	65−65 BOOTH ST	65−65 BOOTH	1790 feet to the E
94	0404411	MAHOLE 12860	65−65 WETHEROLE ST	1809 feet to the ESE
95	0407363	MANHOLE # 14019	WOODHAVEN BLVD/63 AVE	1830 feet to the SW
96	0102665	MANHOLE 8974	WOODHAVEN BLVD & 63 AVE	1830 feet to the SW
97	0202680	MANHOLE #8111	ELLIOT AV / WETHEROLE ST	1845 feet to the WNW
98	0611207	100 GAL FROM XFMR # 6540	64 ROAD & BOELSEN CRESENT	1856 feet to the SSE
99	0209784	MANHOLE #5613	63RD DR/EVERETON ST	1870 feet to the SSW
100	0608801	SERVICE BOX 37404	92−42 QUEENS BLVD	1890 feet to the NNW
101	0911512	MOBIL 10941	61−60 WOODHAVEN BLVD	1937 feet to the W
102	1112274	SERVICE BOX 6505	65−84 AUSTIN ST	1945 feet to the ESE
103	9302877	98−28 QUEENS BLVD	98−28 QUEENS BLVD	1959 feet to the E
104	1704144	SIDEWALK	61−35 JUNCTION BLVD	2037 feet to the N
105	0210639	MANHOLE #13646	WOODHAVEN BL & PENELOPE A	2058 feet to the SSW
106	9811269	NEW CONSTRUCTION SITE	AUSTIN ST AND 66TH AVE	2063 feet to the ESE
107	9515406	WOODHAVEN BLVD/ 63RD ST	WOODHAVEN BLVD/ 63RD ST	2067 feet to the SSW
108	9007521	63−93 WOODHAVEN BLVD/QUNS	63−93 WOODHAVEN BLVD	2072 feet to the SSW
109	0810485	DRUM BARRIED IN EXCAVATION SITE	97TH PLACE & 62 DRIVE	2078 feet to the NNE
110	9909795	VACANT BUILDING	60−69 WOODHAVEN BLVD	2079 feet to the WNW
111	8810142	63RD DR & WOODHAVEN BLVD	63RD DR & WOODHAVEN BLVD	2139 feet to the SSW
112	0200158	MAN HOLE TM651	SAUNDERS ST/66TH AV	2175 feet to the E
113	0502136	SOUTHBOUND, NORTH OF LI E	QUEENS BLVD	2204 feet to the NW
114	0003151	VS 1861	S SERVICE RD/JUNCTION BL	2207 feet to the N
115	0710571	COMMERCIAL	66−15 WEATHEROLE STREET	2223 feet to the ESE
116	9907785	MANHOLE 8972	63RD AVE/84TH DR	2232 feet to the SW
117	1802499	MANHOLE	WEST SIDE 98TH − 37 N 62 DR	2285 feet to the NNE
118	0911027	MOBIL STATION 11399	64−01 WOODHAVEN BLVD	2307 feet to the S
119	0410902	MANHOLE 14018	64TH RD EAST OF WOODHAVEN	2347 feet to the SSW
120	9208209	60−50 WOODHAVEN BLVD.	60−50 WOODHAVEN BLVD	2401 feet to the WNW
121	9205605	BP AMOCO STATION #3167	60−50 WOODHAVEN BLVD	2401 feet to the WNW
122	0211295	TRANSFORMER VAULT #1137	97TH ST & HORACE HARDING	2441 feet to the N
123	0008926	PS 206	61−21 97TH PLACE	2522 feet to the NNE
124	0008922	PUBLIC SCHOOL 206	61−21 97TH PL	2522 feet to the NNE
125	0009886	MANHOLE 1267	QUEENS BLVD/66 ROAD	2539 feet to the E
126	0205112	65TH ROAD	99TH STREET	2544 feet to the ENE
127	0909341	CONDO COMPLEX	61−45 98TH ST	2594 feet to the NNE
128	0800265	APT. BUILDING	62−60 99TH ST	2614 feet to the NE
129	0313154	59−17 JUNCTION BLVD.	59−17 JUNCTION BLVD.	2619 feet to the N

Closed Status Spills (Miscellaneous Spill Causes) −− Total Sites − 12 **Database searched at 1/2 MILE − ASTM required search distance: 1/2 Mile**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
130	2203109	CONTRUCTION SITE	63−68 AUSTIN ST	256 feet to the SE
131	9702885	LIRR	63RD DRIVE N OF MAIN LINE	320 feet to the S

132	9812487	SPILL NUMBER 9812487	93−06 63RD DR	478 feet to the ENE
133	9812486	PS 139	93−06 63RD DR	478 feet to the ENE
134	0010055	MANHOLE 13763	63RD DR & ALDERTON ST	576 feet to the SSW
135	9603348	BUSINESS	60 3RD AVE/S OF AUSTIN ST	596 feet to the WNW
136	9009240	96−37 QUEENS BLVD/QUEENS	96−37 QUEENS BLVD	1233 feet to the NE
137	9312070	65−61 SAUNDER ST.	65−61 SAUNDER ST	1971 feet to the E
138	0312416	VAULT VS5583	AUSTIN ST & 66TH AVE	2063 feet to the ESE
139	0007454	MOBIL S/S #17−HBT	64−01 WOODHAVEN BLVD	2307 feet to the S
140	8804495	SINRAM MARNIS/QUEENS BLVD	98−51 QUEENS BLVD	2346 feet to the E
141	0608207	WOODHAVEN BLVD/LONG ISLAN	WOODHAVEN BLVD/LONG ISLAN	2471 feet to the NW

Petroleum Bulk Storage Sites −− Total Sites − 9 **Database searched at 1/8 MILE − ASTM required search distance: Property & Adjacent**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
142	2−602574	POLO LLC	63−50 WETHEROLE STREET	122 feet to the NNE*
143	NY09509	STERLING WONG	93−01 63 DR	279 feet to the NNE
144	2−373435	63−45 WETHEROLE ST	63−45 WETHEROLE ST	294 feet to the N
145	2−202150	CAPRI APARTMENTS	63−80 WETHEROLE STREET	295 feet to the E
146	2−045071	TAS REALTY, LLC	63−25 AUSTIN ST	302 feet to the WNW
147	2−607529	63−95 AUSTIN OWNERS CORPORATION	63−95 AUSTIN STREET	326 feet to the ESE
148	2−602505	63−94 AUSTIN ST.	63−70 AUSTIN STREET	502 feet to the ESE
149	2−604062	P.S. 139− QUEENS Q139	93−06 63RD DRIVE	509 feet to the ENE
150	2−289345	PARK DRIVE SS INC	91−02 63 DRIVE	555 feet to the S

Hazardous Waste Generators, Transporters −− Total Sites − 24 **Database searched at 1/8 MILE − ASTM required search distance: Property & Adjacent**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
151	NYD981077431	MARVANN CLEANERS	92−07 63 DRIVE	0 feet
152	NYD981077431	J C CLEANERS	92−02A 63RD DR	185 feet to the ESE*
153	NYP004355533	CON EDISON	S/E/CORNER & W 63 DR.	203 feet to the NE
154	NYP004579306	CON EDISON	NWC WETHEROLE ST & 63 DR	203 feet to the NE
155	NYP004543971	CON EDISON	93−03 63 DR	246 feet to the NNE
156	NYP004937555	CON EDISON − MANHOLE M16736	91−32 63 DR	270 feet to the SSE
157	NYD103664421	PICASSO COACH BUILDER	63−34 AUSTIN STREET	301 feet to the WSW
158	NYD025732330	PARK CLEANERS & TAILORS	93−21 63RD DRIVE	345 feet to the NNE
159	NYP004579272	CON EDISON	63−22 WETHEROLE ST	359 feet to the NW
160	NYP004777405	CON EDISON	FO 63−18 AUSTIN ST	377 feet to the WNW
161	NYP005207372	CON EDISON − VAULT 7657	63−18 AUSTIN ST	408 feet to the W
162	NYR000200667	NYC DEPT OF EDUCATION − PS 139Q	93−06 63RD DR	476 feet to the ENE
163	NYP004579298	CON EDISON	6310 WETHEROLE ST	477 feet to the NW
164	NYP004813081	CON ED	63−45 ALDERTON AV	489 feet to the SW
165	NYP004543989	CON EDISON	63−33 ALDERTON ST	534 feet to the SW
166	NYR000029264	GRAND ONE HOUR PHOTO	94−02A 63RD DRIVE	539 feet to the NE
167	NYP005216348	CON EDISON − MANHOLE 17103	63−02 WETHEROLE ST	547 feet to the NW
168	NYP004521522	CON EDISON	63−29 ALDERTON ST	550 feet to the SW
169	NYP004521514	CON EDISON	63−25 ALDERTON ST	568 feet to the WSW
170	NYP004055216	CONSOLIDATED EDISON	VS7244−AUSTIN ST & 63RD AVE	596 feet to the WNW
171	NYP004067195	CONSOLIDATED EDISON	V7657−AUSTIN ST & 63RD AVE	596 feet to the WNW
172	NYP004102117	CONSOLIDATED EDISON	AUSTIN ST & 63 AVE MH17148	596 feet to the WNW
173	NYP004813099	CON ED	63−27 ALDERTON ST	614 feet to the SW
174	NYD056889207	MAGNOLIA FRENCH CLEANERS	94−17 63RD DRIVE	630 feet to the NNE

Air Discharge Sites −− Total Sites − 2 **Database searched at 1/8 MILE − Non−ASTM Database**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
175	3608100853	PARK CLEANERS	94−17 63RD DRIVE	634 feet to the NNE

176	NY081X7T7	DALK CLEANERS	9417 63RD DR	634 feet to the NNE

Civil & Administrative Enforcement Docket Sites −− Total Sites − 1 **Database searched at 1/8 MILE − Non−ASTM Database**

MAP ID	FACILITY ID	FACILITY NAME	FACILITY STREET	DISTANCE & DIRECTION
177	NYD025732330	PARK CLEANERS	93−21 63RD DR	375 feet to the NNE

Identified Toxic Sites by Proximity

92−07 63rd Drive, Rego Park, NY 11374

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

Map Id#	Site Name	Site Street	Approximate Distance & Direction From Property	Toxic Site Category
1	92−07 63RD DRIVE	92−07 63RD DRIVE	0 feet	NYSDEC Inactive Haz Waste Disposal Site
151	MARVANN CLEANERS	92−07 63 DRIVE	0 feet	Hazardous Waste Generator/Transporter
142	POLO LLC	63−50 WETHEROLE STREET	122 feet to the NNE*	Petroleum Bulk Storage Site
152	J C CLEANERS	92−02A 63RD DR	185 feet to the ESE*	Hazardous Waste Generator/Transporter
153	CON EDISON	S/E/CORNER & W 63 DR.	203 feet to the NE	Hazardous Waste Generator/Transporter
154	CON EDISON	NWC WETHEROLE ST & 63 DR	203 feet to the NE	Hazardous Waste Generator/Transporter
155	CON EDISON	93−03 63 DR	246 feet to the NNE	Hazardous Waste Generator/Transporter
130	CONTRUCTION SITE	63−68 AUSTIN ST	256 feet to the SE	Closed Status Spill (Misc. Spill Cause)
156	CON EDISON − MANHOLE M16736	91−32 63 DR	270 feet to the SSE	Hazardous Waste Generator/Transporter
143	STERLING WONG	93−01 63 DR	279 feet to the NNE	Petroleum Bulk Storage Site
144	63−45 WETHEROLE ST	63−45 WETHEROLE ST	294 feet to the N	Petroleum Bulk Storage Site
145	CAPRI APARTMENTS	63−80 WETHEROLE STREET	295 feet to the E	Petroleum Bulk Storage Site
157	PICASSO COACH BUILDER	63−34 AUSTIN STREET	301 feet to the WSW	Hazardous Waste Generator/Transporter
146	TAS REALTY, LLC	63−25 AUSTIN ST	302 feet to the WNW	Petroleum Bulk Storage Site
131	LIRR	63RD DRIVE N OF MAIN LINE	320 feet to the S	Closed Status Spill (Misc. Spill Cause)
147	63−95 AUSTIN OWNERS CORPORATION	63−95 AUSTIN STREET	326 feet to the ESE	Petroleum Bulk Storage Site
17	TTF	6319 AUSTIN ST	330 feet to the WNW	Closed Status Tank Test Failure
158	PARK CLEANERS & TAILORS	93−21 63RD DRIVE	345 feet to the NNE	Hazardous Waste Generator/Transporter
159	CON EDISON	63−22 WETHEROLE ST	359 feet to the NW	Hazardous Waste Generator/Transporter
177	PARK CLEANERS	93−21 63RD DR	375 feet to the NNE	Civil & Admin. Enforcement Docket Site
160	CON EDISON	FO 63−18 AUSTIN ST	377 feet to the WNW	Hazardous Waste Generator/Transporter
161	CON EDISON − VAULT 7657	63−18 AUSTIN ST	408 feet to the W	Hazardous Waste Generator/Transporter
162	NYC DEPT OF EDUCATION − PS 139Q	93−06 63RD DR	476 feet to the ENE	Hazardous Waste Generator/Transporter
163	CON EDISON	6310 WETHEROLE ST	477 feet to the NW	Hazardous Waste Generator/Transporter
132	SPILL NUMBER 9812487	93−06 63RD DR	478 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
133	PS 139	93−06 63RD DR	478 feet to the ENE	Closed Status Spill (Misc. Spill Cause)
164	CON ED	63−45 ALDERTON AV	489 feet to the SW	Hazardous Waste Generator/Transporter
148	63−94 AUSTIN ST.	63−70 AUSTIN STREET	502 feet to the ESE	Petroleum Bulk Storage Site
149	P.S. 139− QUEENS Q139	93−06 63RD DRIVE	509 feet to the ENE	Petroleum Bulk Storage Site
165	CON EDISON	63−33 ALDERTON ST	534 feet to the SW	Hazardous Waste Generator/Transporter
166	GRAND ONE HOUR PHOTO	94−02A 63RD DRIVE	539 feet to the NE	Hazardous Waste Generator/Transporter
9	PRIVATE HOME	63−41 BOOTH STREET	545 feet to the N	Closed Status Tank Failure
167	CON EDISON − MANHOLE 17103	63−02 WETHEROLE ST	547 feet to the NW	Hazardous Waste Generator/Transporter
168	CON EDISON	63−29 ALDERTON ST	550 feet to the SW	Hazardous Waste Generator/Transporter
150	PARK DRIVE SS INC	91−02 63 DRIVE	555 feet to the S	Petroleum Bulk Storage Site
169	CON EDISON	63−25 ALDERTON ST	568 feet to the WSW	Hazardous Waste Generator/Transporter
134	MANHOLE 13763	63RD DR & ALDERTON ST	576 feet to the SSW	Closed Status Spill (Misc. Spill Cause)
61	MANHOLE 17148	63RD AVE & AUSTIN ST	596 feet to the WNW	Closed Status Spill (Unk/Other Cause)
62	MANHOLE 15470	63RD AVE & AUSTIN AVE	596 feet to the WNW	Closed Status Spill (Unk/Other Cause)
135	BUSINESS	60 3RD AVE/S OF AUSTIN ST	596 feet to the WNW	Closed Status Spill (Misc. Spill Cause)
170	CONSOLIDATED EDISON	VS7244−AUSTIN ST & 63RD AVE	596 feet to the WNW	Hazardous Waste Generator/Transporter
171	CONSOLIDATED EDISON	V7657−AUSTIN ST & 63RD AVE	596 feet to the WNW	Hazardous Waste Generator/Transporter
172	CONSOLIDATED EDISON	AUSTIN ST & 63 AVE MH17148	596 feet to the WNW	Hazardous Waste Generator/Transporter
173	CON ED	63−27 ALDERTON ST	614 feet to the SW	Hazardous Waste Generator/Transporter
174	MAGNOLIA FRENCH CLEANERS	94−17 63RD DRIVE	630 feet to the NNE	Hazardous Waste Generator/Transporter

4	94−17 63RD DRIVE	94−17 63RD DRIVE	633 feet to the NNE	Brownfields Site
175	PARK CLEANERS	94−17 63RD DRIVE	634 feet to the NNE	Air Discharge Site
176	DALK CLEANERS	9417 63RD DR	634 feet to the NNE	Air Discharge Site
8	VACANT STORE FRONT	94−17 63RD DR	635 feet to the NNE	Active Haz Spill (Unknown/Other Cause)
18	APARTMENT COMPLEX	64−00 SAUNDERS STREET	802 feet to the ENE	Closed Status Tank Test Failure
63	MANHOLE# 2730	63RD AV/SAUNDERS AV	915 feet to the NNW	Closed Status Spill (Unk/Other Cause)
19	64−49 WETHEROLE ST/ARMCO	64−49 WETHEROLE STREET	954 feet to the E	Closed Status Tank Test Failure
20	CLOSED−LACKOF RECENT INFO	89010 63RD DRIVE	979 feet to the SSW	Closed Status Tank Test Failure
64	PARKOFF RESIDENCE	64 − 45 BOOTH ST	996 feet to the E	Closed Status Spill (Unk/Other Cause)
7		JUNCTION AVE. & 63RD DR.	1035 feet to the NNE	Solid Waste Facility
10	ALEXANDER'S INC.	QUEENS BLVD/63RD RD	1037 feet to the NNE	Closed Status Tank Failure
65	215373; 63 DRIVE AND QUEENS BLVD	63 DRIVE AND QUEENS BLVD	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
66	VS 1893	63RD DR / QUEENS BL	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
67	MANHOLE #1261	QUEENS BLVD & 63RD DR	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
68	MANHOLE 2569	QUEENS BLVD & 63RD DR	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
69	MANHOLE #1261	63RD DR & QUEENS BLVD	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
70	MANHOLE #1260	QUEENS BLVD & 63RD DR	1065 feet to the NE	Closed Status Spill (Unk/Other Cause)
71	SLEEPYS MATTRESS PL	96 64 QUEENS BLVD	1066 feet to the ENE	Closed Status Spill (Unk/Other Cause)
21	APARTMENT BUILDING	64−62 BOOTH ST	1119 feet to the E	Closed Status Tank Test Failure
72	APT BLDG	62− 82 SAUNDERS ST	1134 feet to the NNW	Closed Status Spill (Unk/Other Cause)
22	APT COMPLEX	64−85 BOOTH ST	1145 feet to the E	Closed Status Tank Test Failure
73	MANHOLE #15753	QUEENS BLVD SO OF 62ND DR	1187 feet to the N	Closed Status Spill (Unk/Other Cause)
23	APRT	65−04 BOOTH STREET	1194 feet to the E	Closed Status Tank Test Failure
24	APARTMENT BUILDING	65−04 BOOTH ST	1194 feet to the E	Closed Status Tank Test Failure
11	MOBIL S/S #17−GBR	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Tank Failure
25	EXXONMOBIL	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Tank Test Failure
26	EXXONMOBIL	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Tank Test Failure
74	MOBILE GAS STATION 12833	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Spill (Unk/Other Cause)
75	REGAL PARK	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Spill (Unk/Other Cause)
76	EXXONMOBIL	96−27 QUEENS BLVD	1207 feet to the NE	Closed Status Spill (Unk/Other Cause)
77	MANHOLE 1260	9627 QUEENS BLVD	1207 feet to the NE	Closed Status Spill (Unk/Other Cause)
78	96−33 QUEENS BLVD.	96−33 QUEENS BLVD	1233 feet to the NE	Closed Status Spill (Unk/Other Cause)
79	CHICS PLACE	9641 QUEENS BLVD	1233 feet to the NE	Closed Status Spill (Unk/Other Cause)
80	ROADWAY	96−37 QUEENS BLVD	1233 feet to the NE	Closed Status Spill (Unk/Other Cause)
136	96−37 QUEENS BLVD/QUEENS	96−37 QUEENS BLVD	1233 feet to the NE	Closed Status Spill (Misc. Spill Cause)
81	65−20 BOOTH ST	65−20 BOOTH ST	1320 feet to the E	Closed Status Spill (Unk/Other Cause)
82	COMMERCIAL	65−20 BOOTH STREET	1320 feet to the E	Closed Status Spill (Unk/Other Cause)
83	64TH RD & QUEENS BLVD	64TH RD & QUEENS BLVD	1325 feet to the ENE	Closed Status Spill (Unk/Other Cause)
27	JEWISH CENTER	97−30 QUEENS BLVD	1364 feet to the ENE	Closed Status Tank Test Failure
28	REGO PARK JEWISH CENTER	97−30 QUEENS BOULEVARD	1364 feet to the ENE	Closed Status Tank Test Failure
84	AT&T REGO PARK	94−03 QUEENS BLVD	1395 feet to the NNW	Closed Status Spill (Unk/Other Cause)
85	MH 12102	63RD DR/97TH ST	1426 feet to the NE	Closed Status Spill (Unk/Other Cause)
86	VS #5311	ALDERTON STREET & 62 AVENUE	1435 feet to the W	Closed Status Spill (Unk/Other Cause)
87	CONDOMINIUM	6536 WETHEROLE ST	1489 feet to the ESE	Closed Status Spill (Unk/Other Cause)
12	96−05 QUEENS BLVD.	96−05 QUEENS BLVD	1491 feet to the NNE	Closed Status Tank Failure
13	63−08 ELLWELL CRESCENT	63−08 ELLWELL CRESCENT	1501 feet to the S	Closed Status Tank Failure
88	ATF OFFICE	97−45 QUEENS BLVD	1508 feet to the ENE	Closed Status Spill (Unk/Other Cause)
89	64−85 SAUNDERS ST	64−85 SAUNDERS ST	1509 feet to the E	Closed Status Spill (Unk/Other Cause)
90	6357 FITCHETT ST	6357 FITCHETT ST	1530 feet to the SSW	Closed Status Spill (Unk/Other Cause)
91	MANHOLE # 12723	JUNCTION BLVD/62 DRIVE	1571 feet to the N	Closed Status Spill (Unk/Other Cause)
29	TEST FAILURE	94− 03 QUEENS BLVD	1585 feet to the N	Closed Status Tank Test Failure
92	62−43 WOODHAVEN BLVD/QUNS	62−43 WOODHAVEN BLVD	1618 feet to the WSW	Closed Status Spill (Unk/Other Cause)
30	APT. BUILDING	61−61 WOODHEVEN BLVD	1675 feet to the W	Closed Status Tank Test Failure

14	YU RES	97−27 63RD DR	1695 feet to the NE	Closed Status Tank Failure
93	65−65 BOOTH ST	65−65 BOOTH	1790 feet to the E	Closed Status Spill (Unk/Other Cause)
94	MAHOLE 12860	65−65 WETHEROLE ST	1809 feet to the ESE	Closed Status Spill (Unk/Other Cause)
95	MANHOLE # 14019	WOODHAVEN BLVD/63 AVE	1830 feet to the SW	Closed Status Spill (Unk/Other Cause)
96	MANHOLE 8974	WOODHAVEN BLVD & 63 AVE	1830 feet to the SW	Closed Status Spill (Unk/Other Cause)
31	97−34 63RD RD/CLEANERS	97−34 63RD RD/CLEANERS	1837 feet to the NE	Closed Status Tank Test Failure
97	MANHOLE #8111	ELLIOT AV / WETHEROLE ST	1845 feet to the WNW	Closed Status Spill (Unk/Other Cause)
32	61−01 WOODHAVEN BLV/GETTY	61−01 WOODHAVEN BLVD	1848 feet to the W	Closed Status Tank Test Failure
98	100 GAL FROM XFMR # 6540	64 ROAD & BOELSEN CRESENT	1856 feet to the SSE	Closed Status Spill (Unk/Other Cause)
99	MANHOLE #5613	63RD DR/EVERETON ST	1870 feet to the SSW	Closed Status Spill (Unk/Other Cause)
100	SERVICE BOX 37404	92−42 QUEENS BLVD	1890 feet to the NNW	Closed Status Spill (Unk/Other Cause)
33	61−80 WOODHAVEN BLVD.	61−80 WOODHAVEN BLVD	1906 feet to the W	Closed Status Tank Test Failure
34	61−80 WOODHAVEN BLVD.	61−80 WOODHAVEN BLVD	1906 feet to the W	Closed Status Tank Test Failure
35	61−80 WOODHAVEN BLVD/	61−80 WOODHAVEN BLVD	1906 feet to the W	Closed Status Tank Test Failure
36	WOODHAVEN NURSING HOME	61−80 WOODHAVEN BLVD	1906 feet to the W	Closed Status Tank Test Failure
37	EXXON MOBILE#10941	61−60 WOODHAVEN BLVD	1937 feet to the W	Closed Status Tank Test Failure
101	MOBIL 10941	61−60 WOODHAVEN BLVD	1937 feet to the W	Closed Status Spill (Unk/Other Cause)
102	SERVICE BOX 6505	65−84 AUSTIN ST	1945 feet to the ESE	Closed Status Spill (Unk/Other Cause)
5	REGO PARK CENTER III	93−30 93RD STREET	1955 feet to the NNW	Brownfields Site
103	98−28 QUEENS BLVD	98−28 QUEENS BLVD	1959 feet to the E	Closed Status Spill (Unk/Other Cause)
137	65−61 SAUNDER ST.	65−61 SAUNDER ST	1971 feet to the E	Closed Status Spill (Misc. Spill Cause)
38	OUR LADY OF ANGELS CHURCH	63−63 98TH STREET	1988 feet to the NE	Closed Status Tank Test Failure
39	CLOSED−LACKOF RECENT INFO	63−63 98TH ST.	1988 feet to the NE	Closed Status Tank Test Failure
104	SIDEWALK	61−35 JUNCTION BLVD	2037 feet to the N	Closed Status Spill (Unk/Other Cause)
40	APT BUILDING	84−53 DANA COURT	2040 feet to the SW	Closed Status Tank Test Failure
41	APARTMENT BUILDING	84−53 DANA COURT	2040 feet to the SW	Closed Status Tank Test Failure
42	84−53 DANA CT	84−53 DANA CT	2040 feet to the SW	Closed Status Tank Test Failure
105	MANHOLE #13646	WOODHAVEN BL & PENELOPE A	2058 feet to the SSW	Closed Status Spill (Unk/Other Cause)
106	NEW CONSTRUCTION SITE	AUSTIN ST AND 66TH AVE	2063 feet to the ESE	Closed Status Spill (Unk/Other Cause)
138	VAULT VS5583	AUSTIN ST & 66TH AVE	2063 feet to the ESE	Closed Status Spill (Misc. Spill Cause)
107	WOODHAVEN BLVD/ 63RD ST	WOODHAVEN BLVD/ 63RD ST	2067 feet to the SSW	Closed Status Spill (Unk/Other Cause)
6	REGO PARK CENTER III	93−30 93RD STREET	2070 feet to the N	Brownfields Site
108	63−93 WOODHAVEN BLVD/QUNS	63−93 WOODHAVEN BLVD	2072 feet to the SSW	Closed Status Spill (Unk/Other Cause)
109	DRUM BARRIED IN EXCAVATION SITE	97TH PLACE & 62 DRIVE	2078 feet to the NNE	Closed Status Spill (Unk/Other Cause)
110	VACANT BUILDING	60−69 WOODHAVEN BLVD	2079 feet to the WNW	Closed Status Spill (Unk/Other Cause)
43	66−01 BURNS ST	66−01 BURNS ST	2095 feet to the SE	Closed Status Tank Test Failure
111	63RD DR & WOODHAVEN BLVD	63RD DR & WOODHAVEN BLVD	2139 feet to the SSW	Closed Status Spill (Unk/Other Cause)
112	MAN HOLE TM651	SAUNDERS ST/66TH AV	2175 feet to the E	Closed Status Spill (Unk/Other Cause)
113	SOUTHBOUND, NORTH OF LI E	QUEENS BLVD	2204 feet to the NW	Closed Status Spill (Unk/Other Cause)
114	VS 1861	S SERVICE RD/JUNCTION BL	2207 feet to the N	Closed Status Spill (Unk/Other Cause)
44	APARTMENT BLDG	63−36 98TH PLACE	2220 feet to the NE	Closed Status Tank Test Failure
115	COMMERCIAL	66−15 WEATHEROLE STREET	2223 feet to the ESE	Closed Status Spill (Unk/Other Cause)
116	MANHOLE 8972	63RD AVE/84TH DR	2232 feet to the SW	Closed Status Spill (Unk/Other Cause)
45	COMMERCIAL COMPLEX TTF	66−20 WETHEROLE ST	2266 feet to the ESE	Closed Status Tank Test Failure
46	66−10 THORNTON PL	66−10 THORNTON PL	2273 feet to the SE	Closed Status Tank Test Failure
47	QUEENS LIGHT HOUSE	16−05 WOODHAVEN BLVD	2279 feet to the NW	Closed Status Tank Test Failure
117	MANHOLE	WEST SIDE 98TH − 37 N 62 DR	2285 feet to the NNE	Closed Status Spill (Unk/Other Cause)
15	EXXONMOBIL	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Tank Failure
48	EXXONMOBIL	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Tank Test Failure
49	EXXONMOBIL	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Tank Test Failure
118	MOBIL STATION 11399	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Spill (Unk/Other Cause)
139	MOBIL S/S #17−HBT	64−01 WOODHAVEN BLVD	2307 feet to the S	Closed Status Spill (Misc. Spill Cause)
140	SINRAM MARNIS/QUEENS BLVD	98−51 QUEENS BLVD	2346 feet to the E	Closed Status Spill (Misc. Spill Cause)

119	MANHOLE 14018	64TH RD EAST OF WOODHAVEN	2347 feet to the SSW	Closed Status Spill (Unk/Other Cause)
50	APARTMENT BLDG	61−25 97TH STREET	2366 feet to the NNE	Closed Status Tank Test Failure
51	PARK PLAZA OWNERS INC	61−15 97TH ST	2366 feet to the NNE	Closed Status Tank Test Failure
16	APARTMENT COMPLEX	94−10 60TH AVE	2396 feet to the NNW	Closed Status Tank Failure
52	94−10 60TH AVE	94−10 60TH AVE	2396 feet to the NNW	Closed Status Tank Test Failure
53	60−50 WOODHAVEN BLVD	60050 WOODHAVEN BLVD.	2401 feet to the WNW	Closed Status Tank Test Failure
120	60−50 WOODHAVEN BLVD.	60−50 WOODHAVEN BLVD	2401 feet to the WNW	Closed Status Spill (Unk/Other Cause)
121	BP AMOCO STATION #3167	60−50 WOODHAVEN BLVD	2401 feet to the WNW	Closed Status Spill (Unk/Other Cause)
122	TRANSFORMER VAULT #1137	97TH ST & HORACE HARDING	2441 feet to the N	Closed Status Spill (Unk/Other Cause)
141	WOODHAVEN BLVD/LONG ISLAN	WOODHAVEN BLVD/LONG ISLAN	2471 feet to the NW	Closed Status Spill (Misc. Spill Cause)
54	TANK TEST FAILURE TTF	66−15 THORTON PL	2478 feet to the SE	Closed Status Tank Test Failure
55	PUBLIC SCHOOL 206−Q	61−21 97TH PL	2522 feet to the NNE	Closed Status Tank Test Failure
56	CLOSED−LACKOF RECENTINFO.	61021 97TH PL	2522 feet to the NNE	Closed Status Tank Test Failure
57	PS #206 SCHOOL	61−21 97TH PLACE	2522 feet to the NNE	Closed Status Tank Test Failure
123	PS 206	61−21 97TH PLACE	2522 feet to the NNE	Closed Status Spill (Unk/Other Cause)
124	PUBLIC SCHOOL 206	61−21 97TH PL	2522 feet to the NNE	Closed Status Spill (Unk/Other Cause)
125	MANHOLE 1267	QUEENS BLVD/66 ROAD	2539 feet to the E	Closed Status Spill (Unk/Other Cause)
126	65TH ROAD	99TH STREET	2544 feet to the ENE	Closed Status Spill (Unk/Other Cause)
127	CONDO COMPLEX	61−45 98TH ST	2594 feet to the NNE	Closed Status Spill (Unk/Other Cause)
128	APT. BUILDING	62−60 99TH ST	2614 feet to the NE	Closed Status Spill (Unk/Other Cause)
129	59−17 JUNCTION BLVD.	59−17 JUNCTION BLVD.	2619 feet to the N	Closed Status Spill (Unk/Other Cause)
58	APARTMENT	91−31 QUEENS BLVD	2626 feet to the NNW	Closed Status Tank Test Failure
59	EXPRESSWAY REALITY	91−31 QUEENS BLVD	2626 feet to the NNW	Closed Status Tank Test Failure
60	APT HOUSE	64−11 99TH STREET	2634 feet to the ENE	Closed Status Tank Test Failure
2	90−02 QUEENS BLVD	90−02 QUEENS BLVD.	3208 feet to the NW	NYSDEC Inactive Haz Waste Disposal Site
3	BROADWAY AND QUEENS BLVD GW	BROADWAY BETWEEN JUSTICE AVE AND QUEENS BLVD	4965 feet to the NW	NYSDEC Inactive Haz Waste Disposal Site



Toxics Targeting
1 Mile Radius Map

92-07 63rd Drive

Rego Park, NY 11374

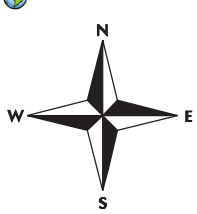


Toxics Targeting
1/2 Mile Radius Map

Excludes Closed Spills

92-07 63rd Drive

Rego Park, NY 11374





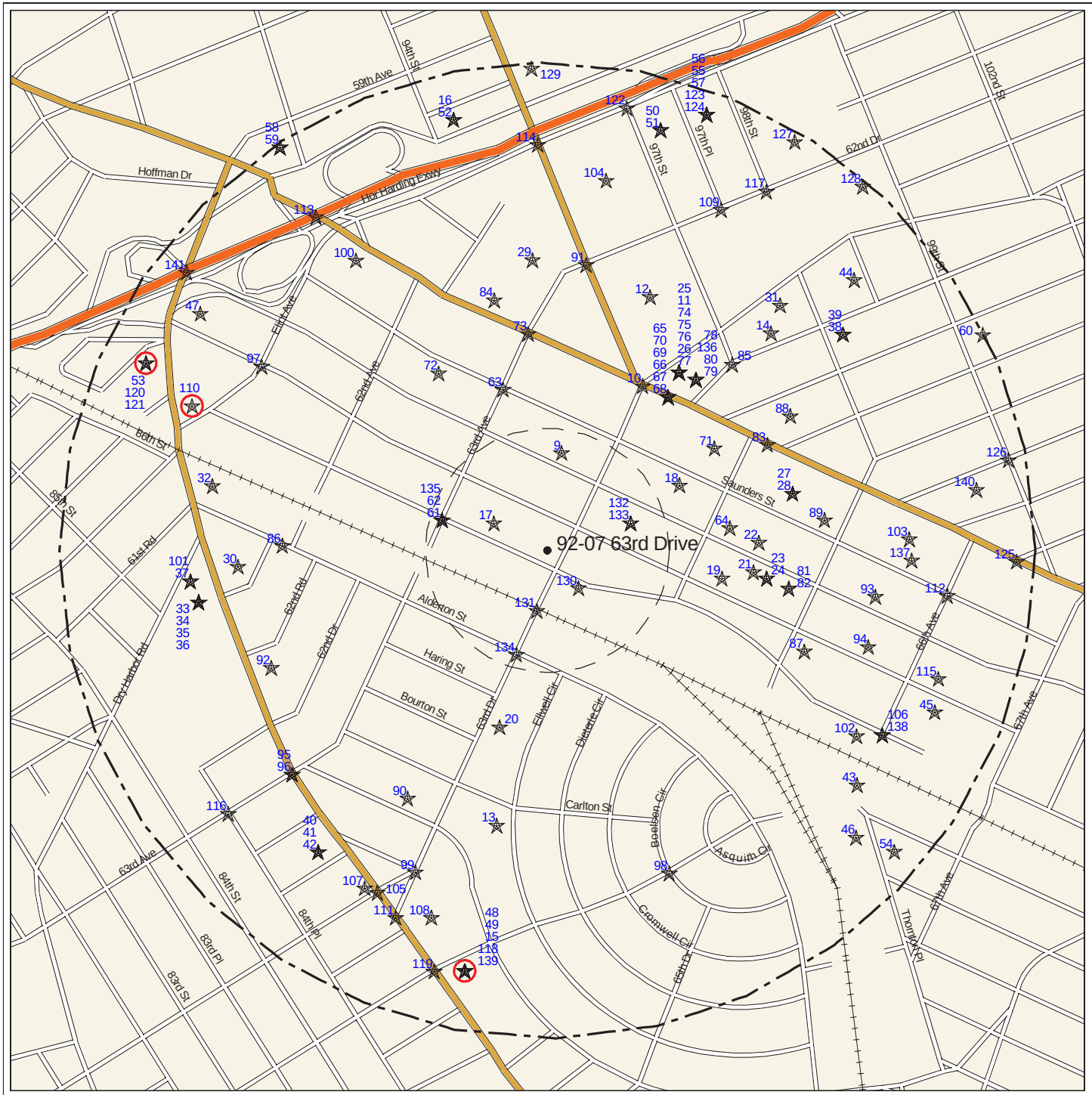
Queens County

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

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

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

Distance in Miles



Toxics Targeting
1/2 Mile Radius Map

Closed Spills only

92-07 63rd Drive

Rego Park, NY 11374





Queens County

Closed Spill

MTBE Gasoline Additive Spill

Site Location

Waterbody

County Border

Railroad Tracks

1 Mile Radius

1/2 Mile Radius

1/4 Mile Radius

1/8 Mile Radius

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

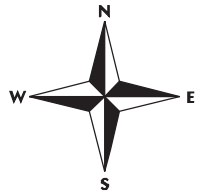
Distance in Miles



Toxics Targeting
1/8 Mile Radius Map

92-07 63rd Drive

Rego Park, NY 11374

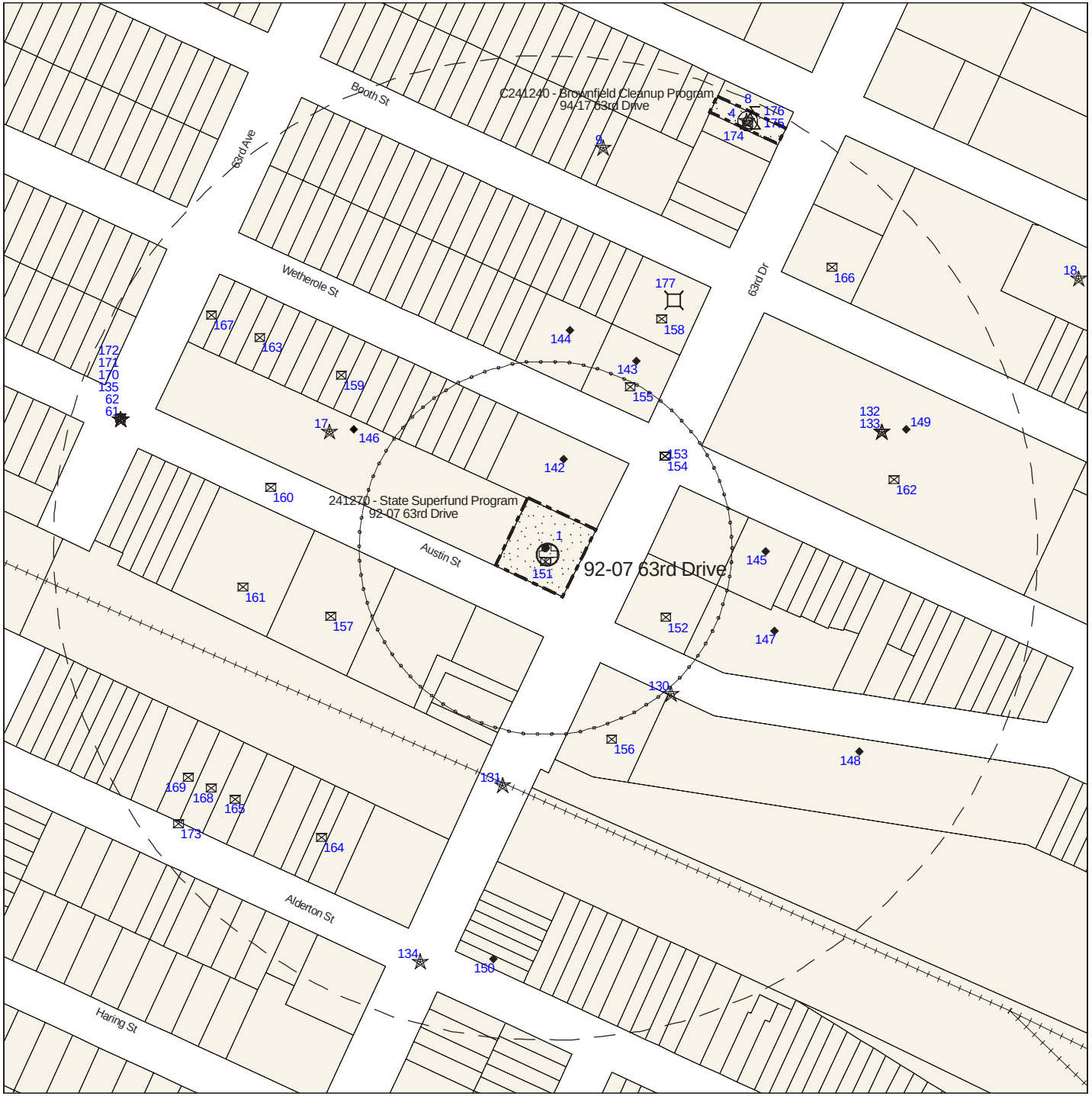




Queens County

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

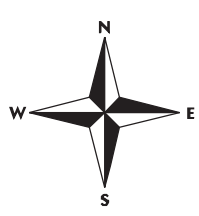
- Site Location
- County Border
- 1/8 Mile Radius
- Waterbody
- Railroad Tracks
- 250 Foot Radius



Toxics Targeting
1/8 Mile Closeup Map

92-07 63rd Drive

Rego Park, NY 11374





Queens County

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

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

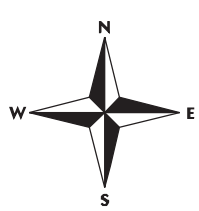
* 1 Mile Search Radius
** 1/2 Mile Search Radius
**** 1/8 Mile Search Radius
***** Onsite Search (250 Ft)



Toxics Targeting Tax Parcel Map

92-07 63rd Drive

Rego Park, NY 11374





Queens County

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

Tax Parcel Information Table

92−07 63rd Drive
Rego Park, NY 11374

Subject Parcel or Parcels

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
4−03094−0042	9201 63 DRIVE	EIK REGO PARK ASSOCIA	R4	K1	1	1940	827550	9852

Other Parcels Found On The Tax Parcel Map

BBL #	Address	Owner	Zoning District(s)	Building Class	# of Buildings	Year Built	Assessment	Lot Area
4−03094−0027	6334 WETHEROLE STREET	CHAN MO CHING	R4	B3	2	1925	25975	2400
4−03094−0022	6324 WETHEROLE STREET	PANDAY, KOMAL K	R4	A1	1	1925	23588	2400
4−03094−0028	6336 WETHEROLE STREET	MR THOMAS CANNISI	R4	A1	1	1925	24883	2400
4−03104−0023	6370 AUSTIN STREET	63−94 AUSTIN REALTY,	R7−1	C1	2	1950	1972800	59600
4−03104−0016	9132 63 DRIVE	ALDERTON ASSOCIATES,	R4 R7−1	K5	1	1941	720450	13725
4−03094−0032	6344 WETHEROLE STREET	JOSEPH MIZRAHI	R4	W2	1	1930	113400	3200
4−03093−0030	9313 63 DRIVE	UNITED FORTUNE ENTERP	R4	K1	1	1938	800550	10000
4−03093−0065	6335 WETHEROLE STREET	POONAI, VENESSA	R4	B3	1	1925	26572	2400
4−03096−0055	9214 63 DRIVE	EVANG LUTH CHURCH OUR	R4	M1	1	1931	718650	9675
4−03103−0030	6334 AUSTIN STREET	DIAZ AUSTIN ASSOCIATE	C8−1	F9	1	1946	493650	18613
4−03094−0034	6350 WETHEROLE STREET	POLO LLC	R4	D1	1	1936	2012400	16164
4−03093−0035	9301 63 DRIVE	UNITED FORTUNE ENTERP	R4	K1	1	1940	1154250	10000
4−03093−0064	6337 WETHEROLE STREET	MUSHEYEV, MURDAKHAY	R4	A1	1	1925	24883	2400
4−03093−0055	6345 WETHEROLE STREET	J A M REALTY L P	R4	D1	1	1936	1029150	9564
4−03094−0030	6338 WETHEROLE STREET	MAI, DANIEL MIN−CHEN	R4	A1	1	1925	23288	2400
4−03095−0050	9306 63 DRIVE	BOARD OF EDUCATION	R7−1 R4	W1	1	1931	9455400	95200
4−03094−0005	6319 AUSTIN STREET	TAS REALTY LLC	R4	C9	1	1948	2235600	50000
4−03096−0118	6395 AUSTIN STREET	63 95 AUSTIN OWNERS C	R7−1 R4	D4	1	1960	1756350	18600
4−03094−0020	6320 WETHEROLE STREET	B BURROWS	R4	A1	1	1925	22990	2400
4−03103−0043	9141 63 DRIVE	QUEENS PUBLIC LIBRARY	R4	P8	1	1974	937350	7506
4−03103−0036	6344 AUSTIN STREET	K & F ASSOCIATES	R4 C8−1	O5	1	1941	1029600	17200
4−03093−0063	6339 WETHEROLE STREET	CHAN, CHI KUEN	R4	B3	1	1925	25975	2400
4−03094−0024	6326 WETHEROLE STREET	XIE, SONG LIANG	R4	B3	1	1925	26572	2400
4−03103−0048	9133 63 DRIVE	CLEARBRASS LLC	R4	K9	1	1955	226350	4113
4−03094−0031	6340 WETHEROLE STREET	MILMAN SOFIA	R4	S1	1	1925	24420	2400
4−03096−0050	9202 63 DRIVE	92−02 K REALTY LLC	R4	K1	1	1946	793800	9710
4−03094−0021	6322 WETHEROLE STREET	STOLL, NANCY C	R4	A1	1	1925	23288	2400
4−03096−7501	6380 WETHEROLE STREET	OWNER / AGENT	R4 R7−1	RM	1	1960	757805	4800
4−03094−0025	6328 WETHEROLE STREET	LOUIE, POUG	R4	A1	1	1925	24883	2400
4−03094−0026	6332 WETHEROLE STREET	CESAR & ELSA RIVERA	R4	B3	2	1925	23588	2400
4−03103−0046	9135 63 DRIVE	NORTH FORK HOLDING LL	R4 C8−1	W9	1	1968	107100	2941
4−03103−0008	63 DRIVE	MTA/LIRR	R4 C8−1	U7	0			177480
4−03103−0050	63 DRIVE	BROTHERS FIVE HOLDING	R4	V1	0		43650	1683

Section Two: Toxic Site Profiles

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Inactive Hazardous Waste Disposal Site Classifications:

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



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



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

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

Map Identification Number 1 **92−07 63RD DRIVE**
92−07 63RD DRIVE QUEENS, NY 11374

Facility Id: 241270
TT−Id: 120A−0009−814

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
Revised street: 9207 63RD DRIVE
Revised zip code: NO CHANGE

****

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

SITE CODE: 241270
CLASSIFICATION CODE: P REGION: 2 DEC ID: 646866
CLASSIFICATION CODE DESCRIPTION:
Potential site

NAME OF SITE: 92-07 63rd Drive
STREET ADDRESS: 92-07 63rd Drive TOWN: New York City
CITY: Queens ZIP: 11374 COUNTY: Queens

ESTIMATED SIZE: 0.23 Acre
SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:
CURRENT OWNER(S):
NAME: EIK Rego Park Associates, LLC Owner Type: Corporate or Commercial
kHEDOURI aSSOCIATES (c/o Lawrence Khedouri)
ADDRESS: 333 Fifth Avenue

3rd Fl
New York, NY 10016

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:
NAME: Cheburechnaya, Inc. Operator Type: Corporate or Commercial
Isak Sionov
ADDRESS: 92-09 63rd Drive
Rego Park, NY 11374

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:
Location: The site is located on an approximately 0.23-acre (±10,000 square-feet) lot at 92-09 63rd Drive, Queens, NY in an urban area. The lot is designated as Block 3094, Lot 42 on the NYC tax map and has addresses as 92-01 - 92-09 63rd Drive. The site is bounded on the north by a 6-story mixed-use residential/commercial building followed by Wetherole Street, to the east by 63rd Drive, to the south by Austin Street, and to the west by a three-story residential building followed by 63rd Avenue.

Site Features: The site is improved with a one-story building fronting on Austin St. and 63rd Dr., with a paved access driveway and rear parking lot.

Current Zoning and Land Use:

The site is currently zoned as R4 (Low-Density Residential District) and C1-2 (Local Retail and Local Service Commercial Overlay) and is surrounded by other residential and commercial parcels. The site is currently occupied by multiple tenants, including a restaurant, grocery store, and a vacant car service office.

Past Use of the Site: According to historic records, Lot 42 was first improved in 1936 by a one-story brick building with a footprint of approximately 6,400 square-feet. Certain tenant spaces in the building were occupied by four different dry cleaners starting in 1945 with Como Cleaners, Evette Cleaners & Tailors in 1967, Marvann Cleaners in 1983, and J.C. Cleaners in 1994 up until it closed around 2000. EPA ID #NYD981077431 was assigned to both Marvann Cleaners and J.C. Cleaners, and generated spent halogenated solvents including tetrachloroethylene (PCE). From 1945 to present, the other tenant spaces were occupied by various small businesses, including a butcher, meat market, fabric store, laundromat, podiatrist, thrift shop, grocery stores, a deli, and a restaurant

Site Geology and Hydrogeology: The site is situated within the Atlantic Coastal Plains physiographic province of New York. The uppermost geologic formation underlying the site is the late Pleistocene glacial deposits. These sediments consist of moraine deposits, glacial drift, and outwash materials. The estimated depth to bedrock is more than 200 feet below ground surface (ft-bgs). According to the 2022 Remedial Investigation Report for a nearby site (63-68 Austin Street) located approximately 200 feet southeast of the site, soil generally consisted of light brown medium to coarse-grained sands with gravels and urban fill material to depths of up to 12 ft-bgs. According to the USGS maps, groundwater beneath the site is expected to be encountered at approximately 30 to 40 ft-bgs. This is confirmed by the 63-68 Austin Street RIR which reports that groundwater is present at a depth of approximately 32.7 to 36.3 ft-bgs and flows from west to east.

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Nature and Extent of Contamination: All information presented here is from the investigation at the nearby 63-68 Austin Street property. Soil, groundwater, and soil vapor samples were collected at 63-68 Austin Street (Block 3104, Lot 16), as part of a remedial investigation conducted in October 2021. It is suspected that 92-07 63rd Drive is a source for chlorinated volatile organic compounds (VOCs) detected in soil vapor at 63-68 Austin Street.

Soil - No VOCs were found to exceed any SCOs in soil samples collected at 63-68 Austin Street.

Groundwater - One detected VOC, PCE, exceeded the Class GA Ambient Water Quality Standard (AWQS) at a maximum of 6.06 ppb, compared to the AWQS of 5 ppb. PCE's degradation products trichloroethene (TCE) (max of 0.41 ppb), and cis-1,2-dichloroethylene (cis-DCE) (max of 4.28 ppb) were also detected, but at concentrations below the AWQS of 5 ppb.

Soil Vapor - VOCs were detected in the soil vapor throughout the 63-68 Austin Street property including PCE (max of 35,000 micrograms per cubic or ?g/m3), TCE (max of 570 ug/m3), cis-DCE (max of 15 ?g/m3), trans-1,2-dichloroethylene (trans-DCE) (max of 13 ?g/m3), and vinyl chloride (max of 2.6 ?g/m3).

ASSESSMENT OF HEALTH PROBLEMS:
As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.

PROJECT COMPLETIONS:
None reported

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

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

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

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

Map Identification Number 2 **90−02 QUEENS BLVD** **Facility Id: 241249**
90−02 QUEENS BLVD. QUEENS, NY 11373 TT−Id: 120A−0009−902

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 3208 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 9002 QUEENS BLVD.
Revised zip code: NO CHANGE

****

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

SITE CODE: 241249
CLASSIFICATION CODE: P REGION: 2 DEC ID: 612098
CLASSIFICATION CODE DESCRIPTION:
Potential site

NAME OF SITE: 90-02 Queens Blvd
STREET ADDRESS: 90-02 Queens Blvd. TOWN: New York City
CITY: Queens ZIP: 11373 COUNTY: Queens

ESTIMATED SIZE: 1.25 Acres
SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:
CURRENT OWNER(S):
NAME: 90-02 QB HOLDINGS LLC /The Bluestone Group
eli Tabak
ADDRESS: 225 Broadway, 32nd Floor
New York, NY 10007

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:
NAME: 90-02 QB HOLDINGS LLC /The Bluestone Group
eli Tabak

ADDRESS: 225 Broadway, 32nd Floor
New York, NY 10007

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:
Location: The site is located at 90−02 Queens Boulevard in the borough of Queens, NY and is identified as Tax Block 2857, Lot 36. The 3.546 acres site is situated on the south side of Queens Boulevard, between 57th Avenue to the west and Woodhaven Boulevard to the east, and bounded by Queens Boulevard to the north, a 1-story commercial building (Popeye and Pronto Pizza) to the west, two 4-story residential buildings, a 5-story parking building and a public recreational park (Hauffman Park) to the south and a property under development to the east.

Site Features: The site is approximately 54,500 square feet (1.25 acres) in area and is currently developed with a 6-story residential building with a full basement. There is a daycare on the 1st floor. There is an abandoned 7500-gallon heating oil UST beneath the southeast adjacent sidewalk.

Current Zoning and Land Use:

The site is currently zoned as R6 (Mixed Residential and Commercial Buildings). The vicinity of the site consists of commercial and residential properties.

Past Use of the Site: The site was historically occupied by scattered dwellings between 1902 and 1950. The Site was then occupied by a 6-story hospital building with a basement, which was developed first in the eastern portion in 1950 and was identified as Horace Harding Hospital. The hospital building then extended into the central and western portions between 1965 and 1982 and was identified as St. Johns Queens Hospital. The former hospital building was reported as vacant for renovation between 2013 and 2017. Currently, the basement and the first floor of the building are vacant, the second floor is occupied by offices for the New York State Department of Labor and another private tenant and the third to seventh floors are occupied by residential tenants.

Site Geology and Hydrogeology: Soil borings conducted in 2013 identified sand and silty sand down to a depth of approximately 12 ft. The depth to groundwater ranged from 8−10 ft below the street level and 2−3 ft below the basement floor. The site-specific groundwater flow direction was determined to be toward the east-northeast. This flow direction is consistent with the regional groundwater flow direction.

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Nature and Extent of Contamination:

Soil − In 2015, nine soil borings were advanced across the site. Two VOC compounds were detected above their respective Protection of Groundwater SCO, including acetone with a concentration of 0.11 parts per million (ppm) and n-propylbenzene with a concentration of 8.2 ppm. During UST Closure activities, four (4) endpoint samples were collected and no VOCs were detected above their Protection of Groundwater SCOs. Three SVOC compounds were detected in one soil sample at concentrations slightly exceeding

the Restricted Residential SCOs, including benzo(a)anthracene (1.03 ppm), benzo(a)pyrene (1.77 ppm), and chrysene (1.03 ppm).

Groundwater - Elevated levels of chlorinated compounds were detected above their respective ambient water quality standards including 1,1,1-trichloroethane at 10,000 parts per billion (ppb), 1,1-dichloroethane at 2,400 ppb, 1,1-dichloroethylene at 1,800 ppb, carbon tetrachloride at 1,700 ppb, cis-1,2-dichloroethene at 26 ppb, tetrachloroethylene (PCE) at 66 ppb, and vinyl chloride at 310 ppb.

Sub slab soil Vapor and indoor air - Chlorinated VOCs were detected in sub-slab vapors and in indoor air. PCE was detected in all sub-slab vapors collected across the site at moderate concentrations (max. 42 micrograms per cubic meter, or ug/m3). PCE occurred in indoor air samples at a maximum of 2.9 ?g/m3 and also at a maximum of 8.4 ?g/m3 in the outdoor air. Methylene chloride was detected in indoor air at a maximum concentration of 10 ?g/m3.

ASSESSMENT OF HEALTH PROBLEMS:
As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.

PROJECT COMPLETIONS:
None reported

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

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

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

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

Map Identification Number 3 **BROADWAY AND QUEENS BLVD GW** **Facility Id: 241147**
BROADWAY BETWEEN JUSTICE AVE AND QUEENS BLVD ELMHURST, NY 11373 TT−Id: 120A−0008−866

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 4965 feet to the NW

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

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

SITE CODE: 241147
CLASSIFICATION CODE: N REGION: 2 DEC ID: 480030
CLASSIFICATION CODE DESCRIPTION:
No further action

NAME OF SITE: Broadway and Queens Blvd GW
STREET ADDRESS: Broadway between Justice Ave and Queens Blvd TOWN: New York City
CITY: Elmhurst ZIP: 11373 COUNTY: Queens

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

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:
None reported

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:
Location: The area of concern is located in the vicinity of 86-41 Broadway and 89-01 Queens Blvd in the Elmhurst section of Queens, NY.

Site Features: The surrounding area consists of commercial and residential use properties. Properties in the area include one story commercial buildings and residential buildings to the north, Queens Blvd to the south, a medical office building to the east, a newly constructed commercial/residential building on 86-41 Broadway and a construction site and commercial buildings to the west.

Current Zoning/Use(s): The area is residential with commercial overlays. Past Use of the Site: Historical uses in the study area include various commercial and residential uses. There were no industrial uses at 86-41 Broadway. A dry cleaner (Elmhurst Cleaners, USEPA Facility Identification NYD088490289) was historically located at 86-33 Broadway, which is upgradient from 86-41 Broadway. According to the USEPA database, 1140 pounds of spent halogenated solvents was manifested by Elmhurst Cleaners in 1994. Elmhurst Cleaners is no longer present.

A bank used to occupy 89-01 Queens Blvd, but became vacant for a time. Low levels of chlorinated solvents within the basement sumps were detected along with impacted air before another bank attempted to occupy the building. The building is now occupied by a bank and the indoor air issues caused by contaminated sump water have been mitigated. Site Geology and Hydrogeology: Work performed at 86-41 Broadway shows that the site was underlain by approximately 8-18 feet of fill consisting of brown or gray brown coarse to fine sand, little to some silt, trace coarse to fine gravel with varying amounts concrete brick, coal, glass, wood and cobbles. The depth to groundwater is 10-13 feet below street level. Based on the latest groundwater survey conducted near 89-01 Queens Blvd, groundwater flow is towards the south-west.

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Nature and Extent of Contamination: Soil - Spill No. 0804839 was originally reported in July 2008 when contaminated soils were encountered during a phase II site investigation at 86-41 Broadway. Analytical data identified petroleum contamination in soils caused by leaking USTs. Historic maximum concentrations of soils included elevated levels of volatile organic compound (VOC) and tentatively identified compounds (TICs) at concentrations ranging from 41.3 parts per million (ppm) to 332 ppm; no individual VOCs were detected exceeding unrestricted use soil cleanup objectives (UUSCOs). Semi-volatile organic compounds (SVOCs) were found exceeding commercial use soil cleanup objectives, including dibenz(a,h)anthracene (0.7 ppm), benzo(a)anthracene (6.2 ppm), benzo(b)flouranthene (8.3 ppm), and benzo(a)pyrene (7.3 ppm). Additional SVOCs were detected exceeding or at the restricted residential soil cleanup objectives (RRSCOs), including indeno(1,2,3-cd)pyrene (0.98 ppm) and chrysene (3.9 ppm).

Groundwater - In addition to minor petroleum-related VOCs detected in groundwater, which were remediated under Spill No. 0804839, low levels of chlorinated VOCs (CVOCs) have been detected in the vicinity of 86-41 Broadway and 89-01 Queens Boulevard.

As early as 1998, tetrachloroethene (PCE) was detected at concentrations ranging from 39.2 to 52.1 parts per billion (ppb) at 86-15 Queens Blvd, however additional sampling conducted in 1999 did not detect any PCE in groundwater.

In 2008, PCE was detected at 86-41 Broadway with concentrations ranging from 15 to 100 ppb. Petroleum contaminants were also detected in grab groundwater samples, including benzene (350 ppb), n-butylbenzene (75 ppb), and sec-butylbenzene (72 ppb). Permanent wells installed in September 2008 identified benzene levels of 2.3 ppb. Additional sampling in 2011, conducted for off-site investigation under Spill No. 0804839 at 86-15 Queens Blvd, revealed cis-1,2-dichloroethene at 14 ppb. In 2014, basement sump water at 89-01 Queens Blvd was found to have detections of PCE (38 - 66 ppb) and TCE (3.3 - 34 ppb). In 2016, 3 permanent groundwater wells installed in the vicinity of 89-01 Queens Boulevard revealed concentrations of PCE ranging from ND to 2.4 ppb. Soil Vapor - Following mitigation at 86-41 Broadway and 89-01 Queens Boulevard, there are no concentrations of VOCs in indoor air above guidance values.

ASSESSMENT OF HEALTH PROBLEMS:
As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns.

PROJECT COMPLETIONS:
Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Site Characterization		08/31/2016	Actual

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

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

GEOTECHNICAL INFORMATION:
SOIL/ROCK TYPE:
GROUNDWATER DEPTH:

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



NO RCRA CORRECTIVE ACTION SITES IDENTIFIED WITHIN 1 MILE SEARCH RADIUS



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



BROWNFIELDS SITES (STATE & LOCAL) IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 4 **94−17 63RD DRIVE** **Facility Id: C241240**
94−17 63RD DRIVE, REGO PARK, NY 11374 TT−Id: 320A−0005−318

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 633 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9417 63RD DRIVE
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
BROWNFIELD CLEANUP PROGRAM

SITE CODE: C241240
CLASSIFICATION CODE: A REGION: 2 DEC ID: 591929
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

NAME OF SITE: 94-17 63rd Drive
STREET ADDRESS: 94-17 63rd Drive TOWN: New York City
CITY: Rego Park ZIP: 11374 COUNTY: Queens

ESTIMATED SIZE: 0.057 Acre
SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

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

OWNER(S) DURING DISPOSAL:

OPERATOR(S) DURING DISPOSAL:

APPLICANT REQUESTOR(S):
NAME: Arbern Queens Commercial Properties L.L.C.
Larry Bernstein
ADDRESS: 725 Church Avenue
Brooklyn, NY 11218

DOCUMENT REPOSITORY(S):
NAME: Queens Public Library - Rego Park
ADDRESS: 91-41 63rd Dr
Rego Park, NY 11374

NAME: Queens Community Board 6
ADDRESS: 104-01 Metropolitan Avenue
Forest Hills, NY 11375

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:
Location: The site is located to the west side of 63rd Drive, approximately 50 feet south of the intersection of Saunders Street and 63rd Drive in Rego Park (Queens), New York. The site is identified on the New York City Tax Map as Block 3081, Lot 125. The site currently consists of an approximately 0.057-acre lot and is currently developed with a single story, 1,875 square foot building. Directly adjacent to the site is a wine and liquor retail store, Chinese restaurant, income tax office, Kosher meats, barber shop, and realty office to the north, a jewelry exchange store to the south, a dental office and beauty supply store to the east (across 63rd Drive), and a mixed-use commercial and residential building to the west. Site Features: The site is currently an approximately 0.057-acre property with a single-story commercial building with a full basement. The building is subdivided into two individual storefront units, with the large unit encompassing approximately 75% of the first floor and basement, which spans across the entire building footprint. Entry to each of the two storefront units is at the ground level which is level with the city sidewalk. Entry into the basement is accessed only from within the larger storefront unit. A variety of commercial tenants have previously occupied each individual storefront units since the site building was constructed until it was purchased by the requestor. Currently, both storefront units are vacant. Current Zoning and Land Use: Zoning for the site is currently Commercial (C4-2). The are surrounding the site is primarily commercial and mixed-use commercial/residential.

Past Use of the Site: The site was developed sometime in the early 1920s as a single-family residence. The general current site layout and building structure appear on a 1931 Sanborn Map and is consistent with the current site configuration, with no change since 1931. Various commercial tenants have occupied the individual storefront units since the building was constructed, with dry cleaning operations occurring from approximately 1983 until 2018. A dry cleaner operated at the site from approximately 1983 to 2018. Other noted operators of the site include jeweler, discount store, children’s clothes shop, and a wine and liquor store. These former operations may have used hazardous materials during their operations which could have impacted the subsurface soil, soil vapor, and/or groundwater beneath the site. Site Geology and Hydrogeology: The land surface elevation at the site is approximately 43 feet above mean sea level (ft amsl). The site is underlain by glaciofluvial deposits, which is consistent with

the surrounding area and comprised of sands, silts, clays, gravels, cobbles, and boulders. A formal groundwater flow direction study has not been conducted at the site. Groundwater flow direction is likely influenced by local conditions and bedrock topography. The direction of groundwater beneath the site is assumed to be similar to the regional flow pattern, being north-northeast toward Meadow Lake. The site is not located within or adjacent to regulated wetlands. The closest surface water body is Meadow Lake, which is located approximately one mile east-northeast, and Flushing Bay, which is located approximately two miles to the northeast.

CONFIRMED HAZARDOUS WASTE DISPOSED:
None reported

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:
Nature and Extent of Contamination:

Based upon investigations conducted to date, the primary contaminants of concern for the site are volatile organic compounds (VOCs) in groundwater and soil vapor.

Groundwater - The VOC Tetrachloroethene (PCE) was found in groundwater at the western portion of the site at concentrations of 23.2 parts per billion (ppb) compared to Ambient Water Quality Standards (AWQS) of 5 ppb.

Soil Vapor - The highest VOC PCE in soil vapor was detected at 4,030 ug/m3 at the eastern portion of the site. New York State Department of Health (NYSDOH) recommends mitigation at this level (1000 ug/m3 and above). The highest concentration of the VOC Trichloroethene (TCE) was detected at 791 ug/m3 at the western portion of the site. NYSDOH recommends mitigation at this level (250 ug/m3 and above).

ASSESSMENT OF HEALTH PROBLEMS:
Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

PROJECT COMPLETIONS:
None reported

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Map Identification Number 5 **REGO PARK CENTER III** **Facility Id: C241259**
93−30 93RD STREET, REGO PARK, NY 11374 TT−Id: 320A−0005−768

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1955 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 6110 JUNCTION BLVD
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
BROWNFIELD CLEANUP PROGRAM

SITE CODE: C241259
CLASSIFICATION CODE: A REGION: 2 DEC ID: 622223
CLASSIFICATION CODE DESCRIPTION:
Work is underway and not yet complete.

NAME OF SITE: Rego Park Center III
STREET ADDRESS: 93-30 93rd Street TOWN: New York City
CITY: Rego Park ZIP: 11374 COUNTY: Queens

ESTIMATED SIZE: 3.2 Acres
SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

INSTITUTIONAL/ENGINEERING CONTROLS:
None reported

CROSS REFERENCES:
None reported

SITE OWNER/OPERATOR/REPOSITORY INFORMATION:
CURRENT OWNER(S):
NAME: Alexander's of Rego Park III, Inc.
Frank Bonura
ADDRESS: c/o Vornado Realty Trust
888 Seventh Avenue, 44th Floor
New York, NY 10019

OWNER(S) DURING DISPOSAL:
NAME: Rego Park Tower LLC
William Xu
ADDRESS: c/o United Group
12-15 Northern Blvd., #2
corona, NY 11368

OPERATOR(S) DURING DISPOSAL:
NAME: Alexander's of Rego Park III, Inc.
Frank Bonura
ADDRESS: c/o Vornado Realty Trust
888
NY 10019

APPLICANT REQUESTOR(S):

NAME: Alexander's of Rego Park III, Inc.
Frank Bonura
ADDRESS: c/o Vornado Realty Trust
888 Seventh Avenue, 44th Floor
New York, NY 10019

NAME: Rego Park Tower LLC
William Xu
ADDRESS: c/o United Group
12-15 Northern Blvd., #2
corona, NY 11368

DOCUMENT REPOSITORY(S):
NAME: Queens Public Library at Rego Park Repository Typ: Local Government
ADDRESS: 91-41 63rd Drive,
Rego Park, NY 11374

NAME: Queens Community Board 6
ADDRESS: 104-01 Metropolitan Ave.
Forest Hills, NY 11375

HAZARDOUS WASTE DISPOSAL PERIOD:

SITE DESCRIPTION:
Location: The site is located at 93-30 93rd Street within an urban area of the Rego Park, neighborhood of Queens, NY. The site is currently identified as Block 2076, Lot 50. The site is bounded by the Horace Harding Expressway to the north, Junction Boulevard to the east, 62nd Avenue to the south, and 93rd Street to the west.

Site Features: The approximately 3.20-acre site is comprised of an asphalt paved private parking lot. The topography of the site and surrounding area is generally level, with a slight topographic gradient downward towards the east.

Current Zoning and Land Use: The site is located in a mixed-used residential and commercial district (R8/C2-2). Zoning is consistent with the proposed mixed-use development.

Land use within a half-mile radius is urban and includes primarily commercial and industrial, but also includes residential buildings, public parks, day care centers, and schools. The nearest ecological receptor is Meadow Lake, which is located about 1 mile to the east of the site.

Past Use of the Site: Historical Sanborn Fire Insurance Maps indicate that the site was vacant until at least 1931 with a creek (Horse Creek) transecting the central eastern portion of the site from west to east. From 1950 onward, the site was occupied by various commercial facilities including a gasoline filling station on the northwestern corner (1950), a commercial trucking and private parking lot (1981 to present) and a vehicle repair shop (1995) on the northeastern corner. Evidence of commercial truck repair operations was documented near the former one-story vehicle repair shop in 2002. A geophysical survey in 2004 identified potential underground storage tanks (USTs) associated with the former automotive repair facility.

Site Geology and Hydrogeology: Based on remedial investigation observations, site soils generally consist of historic fill predominantly characterized as dark brown to grey, fine- to coarse-grained sand and gravel with some silt, brick, glass, concrete and wood fragments. Fill was observed from surface grade to between 15 feet and 20 feet below grade surface (bgs). A silt layer with peat and or fine sand was identified below the historic fill. An underlying organic peat layer with sand and clay is present below the historic fill extending to between 23 and 32 feet bgs, except on the southwestern portion of the site. Bedrock was not encountered during the investigation and is anticipated to be present at depths of over 100 feet bgs. Groundwater was encountered at depths ranging from about 9.96 to 11.13 feet bgs across the site. Based on the survey readings, groundwater flows towards northeast.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
benzo(a)pyrene	UNKNOWN
chlorobenzene	UNKNOWN
arsenic	UNKNOWN
copper	UNKNOWN
lead	UNKNOWN
mercury	UNKNOWN
dibenz[a,h]anthracene	UNKNOWN
benzo(b)fluoranthene	UNKNOWN
cadmium	UNKNOWN
chrysene	UNKNOWN
indeno(1,2,3-cd)pyrene	UNKNOWN
benzo(a)anthracene	UNKNOWN
cis-1,2-dichloroethene	UNKNOWN
zinc	UNKNOWN
vinyl chloride	UNKNOWN
barium	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Nature and Extent of Contamination: Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), per- and polyfluoroalkyl substances (PFAS), pesticides, and 1,4-dioxane. Soil vapor samples were analyzed for VOCs. Based upon the investigations conducted to date, the primary contaminants of concern for the site are SVOCs and metals in soil and VOCs in soil vapor.

Soil - Soil data were compared to Restricted-Residential Soil Cleanup Objectives (RRSCOs). Contaminants of concern in soil include SVOCs and metals attributed to historic fill.

The depth of SVOCs above RRSCOs in soil ranged from two to fifteen feet throughout the site. The following SVOCs exceeded RRSCOs in site soils: benzo(a)anthracene up to 12 parts per million (ppm) (RRSCO is 1 ppm), benzo(a)pyrene up to 12 ppm (RRSCO is 1 ppm), benzo(b)fluoranthene up to 16 ppm (RRSCO is 1 ppm), chrysene up to 13 ppm (RRSCO is 3.9 ppm), dibenzo(a,h)anthracene up to 1.7 ppm (RRSCO is 0.33 ppm), and indeno(1,2,3-cd)pyrene up to 8.8 ppm (RRSCO is 0.5 ppm).

Seven metals were detected at concentrations above the RRSCOs in site soils including arsenic up to 39.8 ppm (RRSCO of 16 ppm), barium up to 1,340 ppm (RRSCO of 400 ppm), cadmium up to 11.1 ppm (RRSCO of 4.3 ppm), copper up to 1,760 ppm (RRSCO of 270 ppm),

lead up to 10,100 ppm (RRSCO of 400 ppm), mercury up to 2.37 ppm (RRSCO of 0.81 ppm) and zinc up to 37,100 ppm (RRSCO of 10,000 ppm). The highest metals concentrations in soils were generally encountered in samples collected between 13 and 15 feet bgs.

In addition, four isolated areas of the site exhibited lead at concentrations exceeding the 6 NYCRR Part 371 hazardous criteria of 5 milligrams per liter (5 mg/l) by Toxicity Characteristic Leaching Protocol (TCLP) analysis.

No VOCs, PCBs, pesticides or 1,4-dioxane were detected at concentrations exceeding RRSCOs. No PFAS compounds were detected at concentrations exceeding the restricted residential guidance values.

Data does not indicate any off-site impacts in soil related to the site.

Groundwater - One VOC, chlorobenzene, was detected at a concentration of 31 parts per billion (ppb), which exceeds its ambient water quality standard (AWQS) of 5 ppb. Several SVOCs were detected in groundwater samples throughout the site, including acenaphthene at 58 ppb (AWQS 1 ppb), benzo(a)anthracene at 0.45 ppb (AWQS 0.002 ppb), benzo(a)pyrene at 0.15 ppb (AWQS 0.002 ppb), benzo(b)fluoranthene at 0.22 ppb (AWQS 0.002 ppb), benzo(k)fluoranthene at 0.08 ppb at 0.1 ppb (AWQS 0.002 ppb), chrysene at 0.32 ppb (AWQS 0.002 ppb), and indeno(1,2,3-cd)pyrene at 0.1 ppb (AWQS 0.002 ppb). Although SVOCs are present in both site soils and groundwater, it is unlikely SVOCs in site soils are impacting groundwater. SVOCs in groundwater are likely due to entrained sediments in groundwater samples.

Groundwater samples contained dissolved metals at concentrations above their respective AWQS, including barium at concentrations up to 4,516 ppb (AWQS 1,000 ppb), lead at concentrations of up to 34.5 ppb (AWQS 25 ppb), and manganese at concentrations of up to 1,686 ppb (AWQS 300 ppb). Barium and manganese were not present in site soils at concentrations that would result in groundwater exceedances. Lead in dissolved groundwater at one location slightly above the AWQS may be attributable to the presence of high lead levels in site soils. However, high lead levels in soil were not present in the area of the site near the AWQS exceedance for dissolved lead in groundwater.

Perfluorooctanoic acid (PFOA) was detected in groundwater samples at a maximum concentration of 48.3 parts per trillion (ppt), which exceeds the maximum contaminant level (MCL, or drinking water standard) of 10 parts per trillion (ppt). Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 51.4 ppt (MCL is 10 ppt).

PCBs, pesticides, and 1,4-dioxane were not detected in groundwater above AWQSs.

Data does not indicate any off-site impacts in groundwater related to the site.

Soil Vapor: Thirteen soil vapor samples and one ambient air sample were collected from the site and analyzed for VOCs. Several petroleum related VOCs as well as two chlorinated VOCs (CVOCs) were detected in soil vapor samples. CVOC concentrations in soil vapor for cis-1,2-dichloroethene ranged from 1.78 micrograms per cubic meter (ug/m3) to 2.93 ug/m3 and for vinyl chloride ranged from 26.6 ug/m3 to 43.2 ug/m3. The petroleum-related VOCs in soil vapor detected throughout the site. Highest benzene concentration was detected at 52.7 ug/m3, toluene at 16.6 ug/m3, ethylbenzene at 7.73 ug/m3 and total xylene at 83.4 ug/m3. One vapor sample from central portion of the site, also contained cyclohexane at a concentration of 2,280 ug/m3. Total VOC concentrations in soil vapor samples ranged from about 136.7 ug/m3 to 3,416.9 ug/m3 in. The total VOC concentration in the ambient air sample was 40.7 ug/m3.

Data does not indicate any off-site impacts in soil vapor related to this site

ASSESSMENT OF HEALTH PROBLEMS:
Direct contact with contaminants in soil is unlikely because the majority of the site is covered with asphalt pavement. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because there is no on-site building, inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of site contaminants due to soil vapor intrusion for future buildings. In addition, environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

PROJECT COMPLETIONS:
Operable Unit 01 - Remedial Program

PROJECT	DESCRIPTION	END DATE	STATUS
Remedial Investigation	RI	03/16/2023	Actual

Map Identification Number 6 **REGO PARK CENTER III** **Facility Id: C241259**
93−30 93RD STREET, REGO PARK, NY 11374 TT−Id: 320A−0005−764

MAP LOCATION INFORMATION
Site location mapped by: MAP COORDINATE (1)
Approximate distance from property: 2070 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 6110 JUNCTION BLVD
Revised zip code: NO CHANGE

Brownfield Program: Brownfield Cleanup Program

See initial profile for 'REGO PARK CENTER III' above.



SOLID WASTE FACILITIES IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS

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

Map Identification Number 7 **Facility Id: NY267**

JUNCTION AVE. & 63RD DR., QUEENS TT−Id: 400A−0002−378

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 1035 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: JUNCTION AVE / 63RD DR
Revised zip code: 11374

1934 New York City municipal waste disposal site −−− Cubic yards dumped in 1934: 436671



NO HAZARDOUS WASTE TREATMENT/STORAGE/DISPOSERS IDENTIFIED WITHIN THE 1/2 MILE SEARCH RADIUS



HAZARDOUS MATERIAL SPILLS INTRODUCTION

The Hazardous Material Spills in this section are divided into eight spill cause groupings. These include:

Active Spills Section: Spills with incomplete paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

1) Tank Failures
2) Tank Test Failures
3) Unknown Spill Cause or Other Spill Cause Hazardous Spills
4) Miscellanous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, Vandalism and Storms.

Closed Status Spills Section: Spills with completed paperwork that may or may not be cleaned up (See Date Cleanup Ceased)

5) Tank Failures
6) Tank Test Failures
7) Unknown Spill Cause or Other Spill Cause Hazardous Spills
8) Miscellanous Spill Causes: Equipment Failure, Human Error, Tank Overfill, Deliberate Spill, Traffic Accidents, Housekeeping, Abandoned Drum, Vandalism and Storms.

All spills within each spill cause category are presented in order of proximity to the subject site address.

Please note that spills reported within 0.25 mile (or one−eighth mile in New York City) are mapped and profiled.

Between 0.25 mile (or one−eighth mile in New York City) and 0.5 mile, only the following spills are mapped and profiled:

* Tank Failures;

* Tank Test Failures;

* Unknown Spill Cause or Other Spill Cause;

* Spills greater than 100 units of quantity; and

* Spills reported in the NYSDEC Fall 1998 MTBE Survey.

A table at the end of each section presents a listing of reported Miscellanous Spills with less than 100 units located between 0.25 mile (or one−eighth mile in Manhattan) and 0.5 mile. These spills are neither mapped nor profiled.



NO ACTIVE TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



NO ACTIVE TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



ACTIVE UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 8 **VACANT STORE FRONT** **Spill Number: 1900077** **Close Date:**
94−17 63RD DR REGO PARK, NY TT−Id: 520A−0352−810

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 635 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9417 63RD DR
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: PROPERTY OWNER Spiller Phone:
DEC Investigator: SXWU Contact for more spill info: LARRY BERNSTEIN Contact Person Phone: (516) 965−2791

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/25/2019		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
OTHER − DRY CLEANING SOLVENT	OTHER	0		0		SOIL, GROUNDWATER

Caller Remarks:

phase II report − Callback for further

DEC Investigator Remarks:

4/3/19−Lin−Caller does not have technical knowledge regarding the report. He forwarded emailed the phase II report to DEC PM Patel. EFI Global was the one who did the report. They are in the process of retaining a consultant to advise them and coordinate with DEC.

04/03/19−Hiralkumar Patel. 9:43 AM:− received email from Mr. Bernstein including draft Phase II report. report shows presence of chlorinated solvent contamination in subsurface.

04/23/19−Hiralkumar Patel. after discussing with DEC Austin and DEC Lin, case assigned to DEC Lin to manage review of reports and referral to Section A based on detection of CVOCs in subsurface.

6/11/20−Lin−Case reassigned to DEC Wu, the BCP pm handling this site.



NO ACTIVE HAZARDOUS SPILLS − MISC. SPILL CAUSES − EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM AND STORMS − IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS.
All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

THE FOLLOWING ACTIVE SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE SEARCH RADIUS FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM, OR STORMS. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY

No dropped spills found for this category



CLOSED STATUS TANK FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 9 **PRIVATE HOME** **Spill Number: 0610101** **Close Date: 12/13/2006**
63−41 BOOTH STREET REGO PARK, NY TT−Id: 520A−0122−562

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 545 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 6341 BOOTH STREET
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: MARGRET SULLIVAN − PRIVATE HOME Spiller Phone: (718) 459−4339
DEC Investigator: rmpiper Contact for more spill info: MARGRET SULLIVAN Contact Person Phone: (718) 459−4339

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/05/2006		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CLEAN UP IN PROCESS;

DEC Investigator Remarks:

12/05/06−Vought−Off hours responder. Called Sullivan four times and phone did not answer. No other indications of address so site visit could not be performed.

12/6/06−Vought−Spoke to Margaret Sullivan and Petro was onsite and they replaced line. Oil spill came from pipe on top of concrete. Petro placed adsorbent down. Oil did not go down any sewers or drains. Servicemans name was Richie. Vought called Petro (516−686−2029) and 15’ of oil line was replaced. Line is partially buried and broken line was located in ground. Vought

was transferred to Billy and left message to return call. 12/6/06− SPill tranferred from Vought to Piper due to location. 12/7/06− DEC Piper was on scene this morning. Speedy dry all over floor. Piper xould not get determination of concrete and underground line area due to speedy dry. Homowner will have basement cleaned and Piper will reinspect at 4pm today. Piper inspected and all cleaned up.

Map Identification Number 10 **ALEXANDER'S INC.** **Spill Number: 9412400** **Close Date: 12/20/1994**
QUEENS BLVD/63RD RD REGO PARK, NY TT−Id: 520A−0129−633

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1037 feet to the NNE

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

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: N/A Spiller Phone:
DEC Investigator: MMMULQUE Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JERARD RUBIGTIANO Caller Agency: COAST COAST TRANSIT Caller Phone: (718) 643−6161
Notifier Name: Notifier Type: Other Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/15/1994	12/20/1994	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	−1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

WASTE WAS CLEANED UP BY CAST COAST TRANSIT, SOIL IS BEING DISPOSED, NEEDED SPILL NO., EAST COAST IS WORKING FOR CONTRACTOR OF ALEXANDER'S DOESN'T THINK IT WAS CALLED IN BEFORE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN 10/10/95: This is additional information about material spilled from the translation of the old spill file: PETROLEUM OIL.

REFER TO 9401907.

Map Identification Number 11 **MOBIL S/S #17−GBR** **Spill Number: 9008859** **Close Date: 11/15/2005**
96−27 QUEENS BLVD REGO PARK, NY TT−Id: 520A−0125−633

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1207 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: MELISSA TACCHINO − EXXON MOBIL CORPORATION Spiller Phone: (908) 730−3610
DEC Investigator: DKHARRIN Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: SCOTT GOTTSCHALL Caller Agency: MOBIL Caller Phone: (703) 849−5319
Notifier Name: Notifier Type: Responsible Party Notifier Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
11/13/1990		TANK FAILURE	2−157139	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL, GROUNDWATER

Caller Remarks:

CONTAMINATED SOIL DISCOVERED DURING TANK REMOVALS: 2 x 4K STEEL TANKS; 10YDS OF SOIL TO BE ANALYZED, STOCKPILED & DISPOSED OF.

DEC Investigator Remarks:

2/10/2004: This spill case was reassigned from Sigona to Rommel for management. (Sigona)

4/27/2005: Transferred from R−2 to central office (Bureau B) for site management. (Tang)

11/15/2005: Reviewed October 2005 Site Status Update Report. Based on groundwater results, PM sent letter to Exxon Mobil closing spill. (Harrington)

Map Identification Number 12 **96−05 QUEENS BLVD.** **Spill Number: 9401907** **Close Date: 12/21/1994**
96−05 QUEENS BLVD ASTORIA, NY TT−Id: 520A−0129−632

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1491 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9605 QUEENS BLVD
Revised zip code: 11374

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: Spiller Phone:
DEC Investigator: MCTIBBE Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: NAHUM KERDEM Caller Agency: CERTIFIED ENG. TESTING. Caller Phone: (212) 545−7440
Notifier Name: Notifier Type: Other Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/09/1994	12/21/1994	TANK FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

NOTICED TANK LEAKING. EXCAVATE SOIL & ROMOVE.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE see file.

Map Identification Number 13 **63−08 ELLWELL CRESCENT** **Spill Number: 9509456** **Close Date: 10/31/1995**
63−08 ELLWELL CRESCENT REGO PARK, NY TT−Id: 520A−0126−833

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1501 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 6308 ELLWELL CRESCENT
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SAME Spiller Phone:
DEC Investigator: LUCE Contact for more spill info: ART BURNS Contact Person Phone: (718) 275−4042

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: JOSE PELLECER Caller Agency: PETRO & ASTORIA Caller Phone: (718) 545−4500
Notifier Name: SERVICE MAN Notifier Type: Other Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/31/1995		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

OIL TANK LEAKING FIX AND CLEANED UP

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 14 **YU RES** **Spill Number: 0207498** **Close Date: 06/09/2003**
97−27 63RD DR REGO PARK, NY TT−Id: 520A−0124−629

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1695 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9727 63RD DR
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: YU RES Spiller Phone:
DEC Investigator: JXZHAO Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: GLEN YU Caller Agency: CITIZEN Caller Phone: (718) 896−0851
Notifier Name: GLEN YU Notifier Type: Responsible Party Notifier Phone: (718) 896−0851

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/18/2002		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller states that his tank located in basment has a small leak tank is to be pumped out and replaced

some material was seen on the surface of rain water on friday night

petro oil is pumping the tank

milro is also on scene assisting with pump out

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO

Map Identification Number 15 **EXXONMOBIL** **Spill Number: 8903316** **Close Date: 05/14/1991**
64−01 WOODHAVEN BLVD REGO PARK, NY TT−Id: 520A−0125−444

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2307 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 6401 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: EXXONMOBIL Spiller Phone:
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: LORRAINE BALLARD Caller Agency: MOBIL Caller Phone: (800) 227−0707
Notifier Name: Notifier Type: Responsible Party Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
06/27/1989	05/14/1991	TANK FAILURE	2−157171	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

WHILE REPLACING (3) LEAKING TANKS, DISCOVERED 350 CUBIC YDS OF

CONTAMINATED SOIL, CURRENTLY TESTING SOIL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 16 **APARTMENT COMPLEX** **Spill Number: 0302112** **Close Date: 10/27/2003**
94−10 60TH AVE ELMHURST, NY TT−Id: 520A−0124−820

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2396 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 9410 60TH AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SAME − MIKE WALSH Spiller Phone: (718) 606−9763
DEC Investigator: TJDEMEO Contact for more spill info: ABRAHAM WACHSLER Contact Person Phone: (718) 731−7011

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: ABRAHAM WACHSLER Caller Agency: NYC TANK TESTING Caller Phone: (718) 731−7011
Notifier Name: SAME Notifier Type: Local Agency Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/29/2003		TANK FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

APPARENTLY A 7500 GALLON TANK IS LEAKING AND FAILED. CELL PHONE FOR ABRAHAM IS 646−321−2876

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 5/30/03 TJD Site visit by DeMeo. Tank has failed two tightness tests within past week. NYC Tank Testing has determined leak is in wet portion of tank. Property manager Mike Walsh (718 606 9763) has been contacted and directed to remove product from tank in accordance with PBS regulations. The tank is a UST buried in rear courtyard of building. Top of tank and related piping have been unearthed. No visible or olfactory signs of a petroleum release. Boiler room sump and foundation wall between boiler room and buried tank have been inspected revealing no visible release.

Current plan is to remove product from tank and abandon in place, installing a new AST inside building. Mr. Walsh has been informed that a sub−surface investigation is required to determine if the soils/groundwater has been impacted.

see also spill #0301856

10/27/03 TJD Open spills on single site consolidated into single open spill number. Does not meet standards. Spill administratively closed. See spill #0301856 (Vought)



CLOSED STATUS TANK TEST FAILURES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 17 **TTF** **Spill Number: 1009787** **Close Date: 07/06/2012**
6319 AUSTIN ST REGO PARK, NY TT−Id: 520A−0258−265

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 330 feet to the WNW

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

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: JEFF MACKENZIE − UNKNOWN Spiller Phone:
DEC Investigator: smsanges Contact for more spill info: JEFF MACKENZIE Contact Person Phone: (800) 440−8265

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/13/2010		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0		0		

Caller Remarks:

Above ground tank, possibly piping leak, did not notice any sign of product release from tank.

DEC Investigator Remarks:

ATS Retested the tank on 1/13/2011 − Aboveground Tank in basement of building. Petrometer was closed for test and repairs were made to vent pipe. Tank passed retest. see eDocs.

Map Identification Number 18 **APARTMENT COMPLEX** **Spill Number: 0112288** **Close Date: 07/11/2006**
64−00 SAUNDERS STREET QUEENS, NY TT−Id: 520A−0124−521

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 802 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 6400 SAUNDERS STREET
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: DAVE FAZIN − APARTMENT COMPLEX Spiller Phone: (516) 939−2959
DEC Investigator: WBWELLIN Contact for more spill info: DAVE FAZIN Contact Person Phone: (516) 939−2959

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: DAVE FAZIN Caller Agency: CROWN LEAK DETECTION Caller Phone: (516) 939−2959
Notifier Name: SAME Notifier Type: Tank Tester Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/29/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

5,000 GALLON TANK FAILED THE TEST.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 1/5/04−Vought−Spill transferred from Vought to Austin. 01/27/04 − Sawyer − Spill transferred from Austin to Sawyer. 07/11/06 − File closed. No info. 28/02/08 − 28/02/08 − Some followup documentation for the record:

The question has been raised as to why this spill was closed without the customary documentation. Welling closed the spill because there was a lack of any further information indicating a real spill with leaked petroleum.

William Welling called Randall Austin on 2/28/08 to discuss this spill. On 2/28, upon checking the PBS database, Austin and Welling noted that this apartment complex has a currently registered underground tank, ID Number 2−600796, which was installed in 1952. It is likely the same tank which failed the tank test on 03/29/2002. According to the spill report and the PBS database, this 5,000−gallon tank is a #6 fuel oil tank. Austin remarked that #6 tanks shouldn't be tested. We don't test #6 tanks, said he. Number 6 oil tanks are heated and when tested, frequently give a false positive due to expansion of the heated oil. The tank probably was tested in 2002 for due diligence and at that time, failed a tank test which triggered this spill report. The contractor who performed the test called in the spill as he was obligated to do.

DEC does not test #6 tanks because the method is prone to false positive results and the spill report did not indicate that leaking petroleum was observed. Randall Austin and William Welling concur that spill number 0112288 should remain closed.

Map Identification Number 19 **64−49 WETHEROLE ST/ARMCO** **Spill Number: 8806641** **Close Date: 09/30/1992**
64−49 WETHEROLE STREET NEW YORK CITY, NY TT−Id: 520A−0129−653

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 954 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6449 WETHEROLE STREET
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ARMCO MGNT CO Spiller Phone: (718) 271−0170
DEC Investigator: BATTISTA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: NAT MOSER Caller Agency: GND SERVICE Caller Phone: (516) 933−1085
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
11/08/1988	09/30/1992	TANK TEST FAILURE	2−304654	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	−1.00		0.00		GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

5K TANK FAILED WITH A LEAK RATE OF −.098GPH.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 20 **CLOSED−LACKOF RECENT INFO** **Spill Number: 8910619** **Close Date: 03/06/2003**
89010 63RD DRIVE NEW YORK CITY, NY TT−Id: 520A−0131−946

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 979 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 8910 63RD DRIVE
Revised zip code: 11374

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: WINDISCH & GERGYS Spiller Phone: (516) 922−7685
DEC Investigator: ADMIN. CLOSED Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: SEBASTIAN LOREFICE Caller Agency: TANK TESTING INC Caller Phone: (718) 789−3770
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/07/1990		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	−1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

3K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EXCAVATE,

ISOLATE & INSPECT.CLOSED DUE TO LACK OF ANY RECENT INFO− DOES NOT MEET ANY CLEAN UP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/06/2003− Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 21 **APARTMENT BUILDING** **Spill Number: 0809749** **Close Date: 11/07/2013**
64−62 BOOTH ST QUEENS, NY TT−Id: 520A−0224−088

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1119 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6462 BOOTH ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: ANTHONY LARA − UNKNOWN Spiller Phone:
DEC Investigator: VXBREVDO Contact for more spill info: ANTHONY LARA Contact Person Phone: (917) 709−3317

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/01/2008		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0		0		

Caller Remarks:

Caller did a EZ−3 test and had a failure. No spill or resources affected.

DEC Investigator Remarks:

Sangesland spoke to Anthony Lara at A1 Crown. He said the tank had a Dry Portion leak in one of the lines. The tank is being abandoned and a newly installed tank is going in elsewhere on the property. After they clean out the old tank, they'll take soil samples under it and trace the lines to see if there were any leaks. A report will be submitted to DEC when the work is completed.

07/16/13 − Spill Case is transferred from Leszek Zielinski (PBS Unit) to V. Brevdo (Section B) as per DER Region 2 decision − Tank Test Failure Spill Case. VB

11/05/2013 − V. Brevdo Called and spoke with Mr. Anthony Lara of A1 Crown Corp. I told Mr. Lara that according to our records, his company was intending to clean out the old tank closed in place and take soil samples to see if there were any leaks back in 2008. Mr. Lara could not say if they did any testing but committed to find out and provide information by end of the day. VB

11/07/2013 − V. Brevdo Received call from Anthony Lara (917) 709−3317 of Al Crown Corp. − company which performed tank tests and verification soil sampling. Mr. Lara explained that he located records for this tank test and that this was dry leak and no oil was released from the tank. Mr. Lara also advised me that they took soil samples around the tank anyway which confirmed that neither oil release no soil impacts have occured. I reviewed the soil sampling analytical data which demonstrates that soil is not impacted. Based on the facts that this is dry leak, no oil release occurred, and no soil impacts have been verified, the Department concluded that the closure of this TTF spill case is appropriate at this time. Mr. Lara agreed that closure of this spill case is appropriate. Spill case is closed effective 11/07/2013. No spill closure letter is issued. VB

Map Identification Number 22 **APT COMPLEX** **Spill Number: 9802245** **Close Date: 11/26/2004**
64−85 BOOTH ST REGO PARK, NY TT−Id: 520A−0127−649

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1145 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6485 BOOTH ST
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: EKB INC. − APT COMPLEX Spiller Phone: (212) 986−7700
DEC Investigator: SMSANGES Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: DAVE FAZIN Caller Agency: A−1 CROWN LEAK Caller Phone: (516) 939−2959
Notifier Name: DAVE FAZIN Notifier Type: Tank Tester Notifier Phone: (516) 939−2959

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/20/1998		TANK TEST FAILURE	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	5000	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

UNDERGROUND TANK GROSS FAIL

WILL ADVISE TOO UNCOVER AND RETEST

DEC Investigator Remarks:

11/26/2004 Sangesland reviewed a submittal from Attorney Barbara Mittman on behalf of Mrs. Evonne Watanabe, owner of the property.

On May 20, 1998 the tank failed a tightness test. Petroleum Tank Cleaners was hired to repair the tank.

June 16, 1998 another tank test was done and the tank passed.

Submittal includes paid invoice from PTC and a description of the work done to repair the tank.

Map Identification Number 23 **APRT** **Spill Number: 0711682** **Close Date: 09/08/2008**
65−04 BOOTH STREET REGAL PARK, NY TT−Id: 520A−0214−306

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1194 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6504 BOOTH STREET
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SAM YOUNG − APRT Spiller Phone:
DEC Investigator: bkfalvey Contact for more spill info: SAM YOUNG Contact Person Phone: (718) 268−0477

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/06/2008		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	4500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

ULIDGE LEKA

DEC Investigator Remarks:

2/19/08 Sent ttf letter to: Sam Yuan, Manager Park Realty Co. 40−46 main St. Flushing, NY 11354

Called Mr. Yuan (718)268−0477. He said tank failed at vent. Tank to be retested this week by Anthony of Dana Oil(917)559−0107. He said previous test was rushed and doesn't trust tester. I told him he needs to fmake any necessary repairs and not only have the tank tested. I confirmed his mailing address. bf

4/23/08 tank test results for passing test received in March 2008(no date on stamp). bf

9/8/08 On 9/5/08, received fax from Phil Fazin of A1 Crown. Stickline failed. Tightened it up. No contamination found. NFA. bf

Map Identification Number 24 **APARTMENT BUILDING** **Spill Number: 0212162** **Close Date: 06/17/2003**
65−04 BOOTH ST REGO PARK, NY TT−Id: 520A−0129−655

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1194 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6504 BOOTH ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNK − APARTMENT BUILDING .,. Spiller Phone:
DEC Investigator: SMSANGES Contact for more spill info: UNK Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: ABRAHAM WACHSLER Caller Agency: NYC TANK TESTING Caller Phone: (718) 731−7011
Notifier Name: ABRAHAM WACHSLER Notifier Type: Tank Tester Notifier Phone: (718) 731−7011

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/11/2003		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

Tank failed test − no known product spillage

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND DEC Sigona sent notification letter regarding the tank test failure on 3/14/2003. Letter sent to Park Realty Co, 65−04 Both Street, Rego Park, NY

3/19/2003 JZ/DO: Owner Sam Yuan called that re−test will be next week by John Leddy.

6/17/2003 Owner sent in report showing tank was repaired (vent line) and passed a new tightness test

Closed

Map Identification Number 25 **EXXONMOBIL** **Spill Number: 9202690** **Close Date: 06/22/1992**
96−27 QUEENS BLVD REGO PARK, NY TT−Id: 520A−0125−837

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1207 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: EXXONMOBIL Spiller Phone:
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: A RATH Caller Agency: FENLEY & NICOL Caller Phone: (516) 586−4900
Notifier Name: Notifier Type: Responsible Party Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/04/1992	06/22/1992	TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

FIRE MARSHALL ON SCENE. WILL E I & R

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 26 **EXXONMOBIL** **Spill Number: 0204910** **Close Date: 10/15/2003**
96−27 QUEENS BLVD REGO PARK, NY TT−Id: 520A−0124−595

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1207 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: MELISSA WINSOR − EXXONMOBIL Spiller Phone: (908) 474−3613
DEC Investigator: SIGONA Contact for more spill info: MICHAEL CHOO Contact Person Phone: (718) 897−4495

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: KEN GELOK Caller Agency: TANK KNOWLOGY Caller Phone: (800) 964−7311
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/09/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
WASTE OIL/USED OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
6	550	Sure Test plus U2 Ullage	0.00	UNKNOWN

Caller Remarks:

TANK DID NOT HOLD VACUUM

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 27 **JEWISH CENTER** **Spill Number: 0511631** **Close Date: 10/22/2007**
97−30 QUEENS BLVD REGAL PARK, NY TT−Id: 520A−0131−937

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1364 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 9730 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: ROBERT HASSELE − JEWISH CENTER Spiller Phone: (718) 459−1000
DEC Investigator: HRPATEL Contact for more spill info: ROBERT HASSELE Contact Person Phone: (718) 459−1000

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: TIM MALNICK Caller Agency: PRO TEST Caller Phone: (631) 321−4670
Notifier Name: TIM MALNICK Notifier Type: Tank Tester Notifier Phone: (631) 321−4670

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/09/2006		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Need to send a TTF letter to:

Mr. Robert Hassele Rego Park Jewish Center 97−30 Queens Blvd Rego Park, NY

01/18/06. Feroze, TTF is sent to above address.

02/13/06, Feroze receive a letter from Mr. Ted Dors of Pro Test 631−321−4766. He mentioned that they will take soil sample for analysis and will submit the test result to DEC. 03/15/06. Spill is transferred from Feroze to Kumer Patel.

04/26/06−Hiralkumar Patel. PBS #: 2−034827. site has 5000 gal #2 UST.

Spoke to Jim at Protest. they have received signed proposal back in this month and they are planning to go onsite for tank removal either end of this month or early weeks of next month. as per Jim, Property owner is still using tank. Left message for Mr. Hassele at Jewish Center. 05/17/06−Hiralkumar Patel. Spoke to Jim at Protest. as he doesn't have current information, he will call back. Left message for Robert at Jewish Center.

06/05/06−Hiralkumar Patel. Spoke to Tom at Protest. they got signed contract, but they haven't received initial payment to start work yet. left message for Robert. Received call from Robert. as this is organization, they need two signatures on cheque and president of organization Mr. Romeo Danieal is current out of country (India) and will be back on Wed. June 7, 2006. once he will be back, president will sign cheque and Robert will call back with dates when protest will remove tank and install at different place.

06/16/06−Hiralkumar Patel. REceived message from Robert (718−459−1000). as per him, Protest has started working at site. spoke to Tom at Protest. as per Tom, tank top is almost 11 ft below grade. they are doing geoprobe around tank. as tank is so deep in ground, instead of opening whole top of tank, they planned for geoprobe and to make sure soil around tank is clean. as per Tom, they found clean soil around tank with four geoprobes. asked him to do more geoprobe around tank, top of tank and along pipings as those are also underground. if they find clean soil, they are planning to abandoned tank and to do so, they will excavate about 4 ft of area to open tank top and will empty and clean the tank. during this activities, Tom suggest to TAKE SOIL SAMPLES THROUGH BOTTOM OF TANK. Left message for Robert.

06/22/06−Hiralkumar Patel. Left message for Robert. 06/26/06−Hiralkumar Patel. spoke with Robert. explained him that department requires some more soil samples around tank, top of tank, along pipes and through bottom of tank. he agreed with this and waiting to get lab result of first set of samples from Protest.

07/31/06−Hiralkumar Patel. spoke with Tom at protest. as he hasn't got money for further work, he hasn't started yet. left message for Robert.

08/04/06−Hiralkumar Patel. left message for Robert. 08/17/06−Hiralkumar Patel. received message from Tom. he is still waiting to get paid for work that he has done previously. as per him, owner is not repsonding well and he hasn't got permission for further soil samples along lines. left message for Robert.

08/29/06−Hiralkumar Patel. spoke with Robert. he just back from vacation two days ago and he doesn't know what going on regarding cleanup/investigation as trustee board takes decision. asked Robert to give president's number. he will call president of board and ask him to call the Department.

09/26/06−Hiralkumar Patel. received lab analyticals for first set of samples from Protest. Protest took four soil samples from two side of tank. none of these samples shows any heavy contamination. no samples taken at two ends of tank and along pipes. also letter doesn't have scaled site plan. Protest has proposed additional sampling along lines. spoke with operator at Protest and asked her to include two soil samples, one from each end of tank, on proposed work plan.

11/17/06−Hiralkumar Patel. received letter and lab analyticals from Ted from Protest. Protest took eight samples. none of these shows contamination. no information about depth of sample, depth of tank and no indication of sample location 6, 7 & 8 on site plan. spoke with Ted at Protest. they have took these eight samples from five locations. and deepest sample was sample #2 at

13−15 ft depth. Ted was proposing to abandon this tank without any cleanup as tank is too deep in ground. informed Ted that tank must be cleaned out before abandonment. also asked Ted to send SCALED site plan with sampling location, boiler location and tank location.

12/06/06−Hiralkumar Patel. spoke with Ted at Protest. he has site plan ready and will send in mail by end of day.

12/12/06−Hiralkumar Patel. received scaled site plan from Protest, alongwith pics showing supply, return and vent lines runs aboveground. based on sample analyticals, piping locations and sampling locations, found no contamination in surrounding areas. only area need to be checked, is under tank bottom. spoke with John at Protest. he doesn't know if they will going to do tank cleanup and abandonment. spoke with Robert at site. they are waiting for proposal for further work and will discuss during next board meeting. Robert mentioned that initially tank was failed in dry portion. asked Robert to fax tank test result.

12/18/06−Hiralkumar Patel. left message for Robert to send tank test result. 12/27/06−Hiralkumar Patel. left message for Robert to send tank test result. 12/28/06−Hiralkumar Patel. received call from Robert. they having problem with Protest about payment for earlier work. Robert is waiting for initial test result. Robert mentioned that Protest has changed some pipings in system after initial test failure. told him that either he test whole system again to check integrity or have samples from bottom of tank during abandonment. he will call back.

03/09/07−Hiralkumar Patel. left message for Robert at church. 03/16/07−Hiralkumar Patel. left message for Robert at church. 07/25/07−Hiralkumar Patel. spoke with Ms. Lynne at church. Robert Hassele is no longer work there. Ms. Lynne will call back with updates on this project.

08/17/07−Hiralkumar Patel. received message from Ms. Lynne (on 07/27/07). spoke with Ms. Lynne and asked her to send tank test result from Jan. 06 and current status on tank system.

received call from Tom from Protest. they have submitted proposal for tank abandonment and haven't heard back from owner. due to safety reasons, they are planning to abandon this tank without cleaning it and will put foam in it through one of existing lines. Tom will fax test result.

received tank test result. tank test was done on 01/19/06 and found wet and dry leak in tank system.

08/21/07−Hiralkumar Patel. visited site to see tank location. tank is located in area between subject site and another building (97−50 Queens blvd). subject site is L shaped and portion of subject site is behind building at 97−50 queens blvd and tank is located in back of building at 97−50 queens blvd. tank top is 12 ft bg (and from tank dia. chart, tank invert must be at least 17 ft bg). from old record, found that protest took deepest soil sample at 15 ft, which is not below tank invert.

Romiel Daniel President Rego Park Jewish Center Inc. 97−30 Queens Blvd. Queens, NY 11374 Ph. (212) 683−4131 Ext. 232 Fax (718) 459−0431

08/22/07−Hiralkumar Patel. found expired PBS registration.

sent letter to Mr. Daniel requiring PBS renewal, soil/groundwater delineation (with soil samples at least 10 ft below tank invert), detailed soil description, surrounding area site map and groundwater flow direction (if found groundwater contamianted). letter faxed to Mr. Daniel.

09/28/07−Hiralkumar Patel. received fax from Ted from Protest. they been contracted for required investigation. spoke with John Leddy at Protest. they did borings on 09/24/07 and will get analytical results by 10/05/07. John will call once gets lab data.

10/22/07−Hiralkumar Patel. received report from Protest. they did seven borings. five borings were done around 5000 gal tank to depth of 30 ft and two borings were done along under fill line and remote fill port to depht of 8 ft bg. no contamination found in samples.

based on submitted report, case closed. NFA sent to Mr. Daniel. letter faxed to Mr. Daniel and Ted.

Map Identification Number 28 **REGO PARK JEWISH CENTER** **Spill Number: 0301570** **Close Date: 09/28/2007**
97−30 QUEENS BOULEVARD REGO PARK, NY 11374 TT−Id: 520A−0124−802

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1364 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 9730 QUEENS BOULEVARD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: NORMAN DICKER − REGO PARK JEWISH CENTER Spiller Phone: (718) 459−1000
DEC Investigator: LXZIELIN Contact for more spill info: NORMAN DICKER Contact Person Phone: (718) 459−1000

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JIM DONELAN Caller Agency: PROTEST Caller Phone: (631) 321−4670
Notifier Name: A. LOPEZ Notifier Type: Tank Tester Notifier Phone: (631) 321−4670

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/13/2003		TANK TEST FAILURE	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD SANGESLAND ON DESK DUTY

TANK TEST FAILURE LETTER SENT TO:

MR NORMAN DICKER C/O REGO PARK JEWISH CENTER 97−30 QUEENS BLVD REGO PARK, NY 11374

This contact and number (718) 459−1000 are still O.K. Made initial contact. This needs to be picked up at this number. It appears that they do have records but it might take some digging to find them. CL

4/30/2004 SS sent new ttf ltr

09/05/06 −Zielinski This spill case reassigned from Central Office to Region 2.

09/14/06 − Zielinski Visited the site. A superintendent, who oversees the facility's operations, was out of the office.

09/15/06 − Zielinski Sent a TTL letter to Rego Park Jewish Center.

01/1107 − Zielinski Spoke with Robert Hassek, superintendent at the Rego Park Jewish Center, phone (718)459−1000. He said that had fowarded the TTF letter to Protest in order to get required documentation. I told him that I would be waiting until end of January 2007 for items listed in the letter.

09/28/07−Hiralkumar Patel. case closed. refer to spill #: 0511631

Map Identification Number 29 **TEST FAILURE** **Spill Number: 2102212** **Close Date: 07/14/2021**
94− 03 QUEENS BLVD FLUSHING, NY TT−Id: 520A−0371−650

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1585 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 9403 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ALLEN THROCKMORTON − AT&T Spiller Phone:
DEC Investigator: RMPIPER Contact for more spill info: ALLEN THROCKMORTON Contact Person Phone: (714) 567−6416

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/02/2021		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0		0		

Caller Remarks:

NO SPILL TEST FAILURE

DEC Investigator Remarks:

DEC Piper received passing results for failed sumps. Documentation in DEC Docs. Spill closed.

Map Identification Number 30 **APT. BUILDING** **Spill Number: 0706989** **Close Date: 08/13/2010**
61−61 WOODHEVEN BLVD QUEENS, NY TT−Id: 520A−0138−058

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1675 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 6161 WOODHAVEN BLVD
Revised zip code: 11374

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: HARRY GOLDSTEIN − APT. BUILDING Spiller Phone: (718) 224−2513
DEC Investigator: bkfalvey Contact for more spill info: HARRY GOLDSTEIN Contact Person Phone: (718) 224−2513

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/24/2007		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

HAS LEAK;

DEC Investigator Remarks:

9/25/07 bf: Called Harry Goldstein 718−224−2513. He said tank failure was at the top of the tank possibly the return line. Tank is not in service at this time. He is working on getting the tank repaired. I confirmed mailing address as on FIR. He was concerned that tank was overdue for testing and we may take action. I told him I was not taking action at this time, but DEC Albany may take action so he should make repairs asap. Tank was due 9/18/07 for tightness test. Sent ttf letter to: Harry Goldstein Imperial House LLC 56−19 Bell Blvd. Bayside, NY 11364

12/20/07 On 10/30/07, received passing tank test results from Harry Goldstein. Called him &18−224−2513. NY Tank Testing did the repairs. He will get letter from them. bf

2/28/08 On 1/10/08, received letter from Abraham Wachsler of New York City Tank testing, Inc. Vent line defective. Stick line converted to temporary vent line. Old vent line disconnected. Tank was retested and backfilled. Owner will install new vent line to front of building. Called H. Goldstein. I asked about where the vent line failed. He was not sure of what happened. I called A. Wachsler and left message with answering service to call me. bf

8/13/10 Failure of vent line, piping which does not normally contain product. Spill closed. bf

Map Identification Number 31 **97−34 63RD RD/CLEANERS** **Spill Number: 9106704** **Close Date: 09/23/1991**
97−34 63RD RD/CLEANERS REGO PARK, NY TT−Id: 520A−0129−650

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1837 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9734 63RD RD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: Spiller Phone:
DEC Investigator: O'DOWD Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: KERRI−ANN O'DOWD Caller Agency: NYSDEC Caller Phone: (718) 482−4933
Notifier Name: Notifier Type: Other Notifier Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/23/1991	09/23/1991	TANK TEST FAILURE	UNKNOWN	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: DEC INVESTIGATOR REMARKS NOT AVAILABLE FOR THIS SPILL ACCORDING TO THE LAST UPDATE.

The following DEC Investigator Remarks were available prior to 1/1/2002:

/ / : REFFERED TO ECO'S.

10/10/95: This is additional information about material spilled from the translation of the old spill file: PERCHLORETHANE.

Map Identification Number 32 **61−01 WOODHAVEN BLV/GETTY** **Spill Number: 8801981** **Close Date: 06/30/1988**
61−01 WOODHAVEN BLVD NEW YORK CITY, NY TT−Id: 520A−0125−350

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1848 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 6101 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: GETTY Spiller Phone: (718) 729−6500
DEC Investigator: SULLIVAN Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: H. GREENBERG Caller Agency: ALVIN PETROLEUM Caller Phone: (718) 461−5400
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
06/02/1988	06/30/1988	TANK TEST FAILURE	2−326607	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	−1.00		0.00		GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

(2) 4K TANKS WERE TESTED, INITIAL SYSTEM PETRO TITE, 1ST TANK FAILED AT +0.192 GPH, 2ND TANK FAILED AT +0.151GPH, WILL EXCAVATE AND

ISOLATE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 33 **61−80 WOODHAVEN BLVD.** **Spill Number: 8909178** **Close Date: 10/02/1992**
61−80 WOODHAVEN BLVD WOODHAVEN, NY TT−Id: 520A−0125−509

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1906 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 6180 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MS PHILLIPS − SAME Spiller Phone: (718) 446−4300
DEC Investigator: BATTISTA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: SEBASTIAN LOREFICE Caller Agency: TANK TESTING, INC Caller Phone: (718) 789−3770
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
12/18/1989	10/02/1992	TANK TEST FAILURE	2−116815	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	−1.00		0.00		GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

8K TANK FAILS HORNER @ GROSS − LEVEL WOULDN'T HOLD.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 34 **61−80 WOODHAVEN BLVD.** **Spill Number: 8906486** **Close Date: 10/02/1992**
61−80 WOODHAVEN BLVD NEW YORK CITY, NY TT−Id: 520A−0125−478

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1906 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 6180 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MADISON NY NURSING HOME Spiller Phone:
DEC Investigator: BATTISTA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: SEBASTIAN LOREFICE Caller Agency: TANK TESTING INC Caller Phone: (718) 789−3770
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
10/02/1989	10/02/1992	TANK TEST FAILURE	2−116815	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	−1.00		0.00		GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

8K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL EXCAVATE,

ISOLATE & RETEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 35 **61−80 WOODHAVEN BLVD/** **Spill Number: 8707845** **Close Date: 10/02/1992**
61−80 WOODHAVEN BLVD NEW YORK CITY, NY TT−Id: 520A−0125−290

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1906 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 6180 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MADISON YORK RESIDENTS FO Spiller Phone: (718) 446−4300
DEC Investigator: BATTISTA Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
12/11/1987	10/02/1992	TANK TEST FAILURE	2−116815	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	−1.00		0.00		GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

8K TANK SYSTEM FAILED HORNER EZY CHECK WITH A LEAK RATE OF −.11101GPHSUSPECTS PIPING. CONTACT: S & K ASSOC(OWNERS) (718) 446−4300.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 36 **WOODHAVEN NURSING HOME** **Spill Number: 0111247** **Close Date: 05/21/2002**
61−80 WOODHAVEN BLVD QUEENS, NY TT−Id: 520A−0124−506

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1906 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 6180 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: CALLER − WOODHAVEN NURSING HOME Spiller Phone:
DEC Investigator: MXTIPPLE Contact for more spill info: CALLER Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: DAVID FAZIN Caller Agency: CROWN LEAK DETECTION Caller Phone: (516) 939−2959
Notifier Name: DAVID FAZIN Notifier Type: Tank Tester Notifier Phone: (516) 939−2959

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/26/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	8000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

TANK TEST FAILURE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 3/11/02 TTF LETTER SENT 5/21/2002 RETEST PASSED WHEN METER LINE WAS PLUGGED

Map Identification Number 37 **EXXON MOBILE#10941** **Spill Number: 0800147** **Close Date: 08/11/2008**

61−60 WOODHAVEN BLVD REGO PARK, NY TT−Id: 520A−0217−621

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1937 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 6160 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: ROBERT ALLEN − EXXON MOBILE#10941 Spiller Phone:
DEC Investigator: vszhune Contact for more spill info: ROBERT ALLEN Contact Person Phone: (718) 457−0241

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Any Type of RP Including No RP − No DEC Field Response − Corrective Action by Spill Response Not Required

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/03/2008		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Inspecting the spill buckets of the premium gas tank and failed the annual hydrostatic inpection test.

DEC Investigator Remarks:

04/04/08− Zhune spoke to Jeff from Exxon Mobil # 10941 (718)427−0241. Spill bucket of the premium tank failed the hydrostactic inspection test. No Gasolin spill.

05/09/08− Zhune returned call to Jennifer from Exxon Mobil (631)2180612, cell (631)3655917

08/06/08−Kleinfelder sent the report. The report summarizes the spill bucket test failure and the methods and results of the spill bucket replacement conducted at the site.

On Apri 03, 2008 Crompco Coorporation(Crompco)conducted hydrostatic testing to the Mobil Service Station located on the southwest corner of the intersection of Woodhaven Boulevard and Dry Harbor Road in Rego Park and reported a failure of the 1000 galon super grade gasoline tank spill bucket.

On April 21. 2008 Island Pump and Tank of EastNorthport (IP&T) conducted the removal and replacement of the spill bucket. The concrete above the spill bucket was removed along with the 15 gallon bucket. During the excavation of the spill bucket IP&T personnel visually inspected soil and pea gravel for potential impacts.

Fallowing the removal of the spill bucket. IP&T excavated surrounding pea gravel as required for the installation of the new spill bucket. A new 15−gallon OPW 2100 series spill bucket was installed. The remaining space was filled with pea gravel and sand and the concrete was restored to grade. No soil impacts was observed during excavation activities.

On April 30,2008, Crompco was on Site to conduct a hydrostactic spill bucket restet. The spill bucket is in compliance. Spill Closed

Map Identification Number 38 **OUR LADY OF ANGELS CHURCH** **Spill Number: 9502729** **Close Date: 07/12/2006**
63−63 98TH STREET REGO PARK, NY TT−Id: 520A−0129−651

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1988 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6363 98TH STREET
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: SAME Spiller Phone:
DEC Investigator: WBWELLIN Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: BOB KLEHESKY Caller Agency: DRY AS A BONE, INC Caller Phone: (516) 678−5115
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/03/1995		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

07/12/06 Failed tank test took place over 10 years ago. Church is still in existence. Complete name and address is

Our Lady of the Angelus R C Church − Rectory 6363 98th Street, Rego Park, NY 11374

File closed.

Map Identification Number 39 **CLOSED−LACKOF RECENT INFO** **Spill Number: 8706403** **Close Date: 03/04/2003**
63−63 98TH ST. NEW YORK CITY, NY TT−Id: 520A−0129−652

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (2)
Approximate distance from property: 1988 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6363 98TH ST.
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: OUR LADY OF THE AUGELUS Spiller Phone: (718) 897−4444
DEC Investigator: ADMIN. CLOSED Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/28/1987		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	−1.00	POUNDS	0.00	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

2K TANK AT UNREADABLE RATE, BUT PRODUCT LEVEL SETTLED ABOVE TANK,

ASSUME PIPING LEAK. CONTACT: FR. HICKEY (718) 897−4444. CLOSED DUE TO LACK OF ANY RECENT INFO−DOES NOT MEET ANY CLEANUP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED

/ / : Will Excavate, Isolate, And Retest. 03/04/2003−Closed Due To The Nature / Extent Of The Spill Report

Map Identification Number 40 **APT BUILDING** **Spill Number: 0913483** **Close Date: 08/03/2011**
84−53 DANA COURT MIDDLE VILLAGE, NY TT−Id: 520A−0248−928

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2040 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 8453 DANA COURT
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: APT BUILDING Spiller Phone:
DEC Investigator: hrpatel Contact for more spill info: RAY KAHN Contact Person Phone:

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/22/2010		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0		0		

Caller Remarks:

5000gal ust failed tank test

DEC Investigator Remarks:

03/22/10−Hiralkumar Patel. 1:57 PM:− spoke with Nikesh Shah at ESPL. they tested tank and might be dry leak. will submit more info.

alternate address: 63−38 to 63−40 Woodhaven Blvd PBS #: 2−602241. as per PBS record, site has one 5,000 gal #2 oil UST.

other spills: 0212929 and 0413123.

spill # 0212929 was reported on 03/31/2003 due to tank test failure for a 5,000 gal tank. as per caller’s remarks, they were going to replace tank gasket. case close and merged with this open case. spill # 0413123 was reported on 03/16/2005 due to tank test failure for a 5,000 gal tank. case closed on 05/10/2005 base on repairs done on tank.

2:18 PM:− spoke with Ms. Montoya at management office and left message for Mr. Guglielmi, property manager.

High Point Associates VI LLC. 15165 Ventura Blvd, Suite 140 Sherman Oaks, CA 91403 Contact: Sal Guglielmi Ph. (212) 684−4141 Ext. 311

(818) 907−0800 email: salgmaint@gmail.com

Lidia Montoya

in Mr. Guglielmi's office Ph. (212) 684−4141 Ext. 313 email: lidiamaint@gmail.com

4:18 PM:− sent letter to Mr. Guglielmi requiring to submit documents regarding tank test failure under spill # 0212929 and isolation test and cleanup of any petroleum spill under spill # 0913483. both reports are due on 04/22/10. letter emailed to Mr. Guglielmi and Ms. Montoya.

03/23/10−Hiralkumar Patel. 3:28 PM:− received message from Mr. Guglielmi. 3:35 PM:− spoke with Mr. Guglielmi. he mentioned that site has two tanks: one is 5,000 gal that is out of service for long time and another is 1,000 gal that is currently in service. Mr. Guglielmi mentioned that contractor tested out of service tank. informed Mr. Guglielmi that tank test failure reported in 2003 was for out of service tank and to resolve that issue, he has to do soil sampling to confirm no leak from tank in 2003. also asked to register 1,000 gal tank as site has more than 1,100 gal capacity of active tanks. 3:52 PM:− sent email to Mr. Guglielmi with copy of PBS form. email copied to Ms. Montoya.

03/25/10−Hiralkumar Patel. 3:39 PM:− received message from Mr. Guglielmi. Mr. Guglielmi mentioned that the old out of service tank was lastly tested in Apr. 2005 and was passed and at that time, this out of service tank had same amount of liquid as it has now during recent tank test which failed.

03/26/10−Hiralkumar Patel. 11:27 AM:− left message for Mr. Guglielmi. 12:42 PM:− received call from Mr. Guglielmi. he found documents showing that out of service 5,000 gal tank was tested in Apr. 2005 and passed the test and had same level of liquid as it found during failed test in Mar. 2010. Mr. Guglielmi also mentioned that site has dual heating system (oil and gas) and they only use oil to power up boiler before winter starts. asked Mr. Guglielmi to submit available documents. also asked him to find out documents about failed tank test in 2003. informed him about expired PBS registration and asked to correct it (either close old tank or register 1,000 gal tank along with old tank). 1:41 PM:− received email from Mr. Guglielmi including tank test results from 2005. 5,000 gal tank tested on 04/18/05 and it passed. email doesn't include copy of recent tank test result. 2:01 PM:− sent email to Mr. Guglielmi to submit recent tank test result also (to confirm same product level from 2005 as Mr. Guglielmi mentioned).

03/29/10−Hiralkumar Patel. 12:54 PM:− spoke with Mr. Shah at ESPL and asked him to submit recent tank test result. 2:18 PM:− received email from Mr. Shah with copy of recent tank test. tank test was done on 03/22/10 and found dry leak.

reviewed both tank test results. tank had 283 gal product during test in Apr. 2005 and had 197 gal product during test in Mar. 2010. tank system found tight during test in Apr. 2005 and as per property owner, this 5,000 gal tank is out of service for long time and was not used at least after 2005. 2:48 PM:− spoke with Mr. Shah at ESPL. they tested tank system. Mr. Shah mentioned that they observed fill and vent pipe connected to the 5,000 gal tank, but not sure about supply/return lines. he also mentioned that fill port was bigger in size which indicate tank might be storing #6 oil in it. 3:26 PM:− spoke with Mr. Guglielmi. he mentioned that 5,000 gal tank is not connected to the boiler and there was no delivery to this tank at least since Apr. 2005. as there is a difference of about 100 gal betweeen tank test in 2005 and in 2010 and based on old tank test failure in 2003, asked him to do soil investigation around tank to resolve these problems. also asked him to seal fill port of 5,000 gal tank immediately to avoid any misdelivery.

07/07/10−Hiralkumar Patel. 2:51 PM:− left message for Mr. Guglielmi.

07/22/10−Hiralkumar Patel. 12:55 PM:− spoke with Mr. Guglielmi. informed him that the Department requires soil investigation along underground portion of entire tank system due to the tank test failures. asked Mr. Guglielmi to call back with work plan by end of 07/27/10 to avoid legal referral.

07/28/10−Hiralkumar Patel. 3:14 PM:− received call from Mr. Guglielmi. he hired ESPL and they will do soil delineation by early next week. Mr. Guglielmi will ask Mr. Kahn to call with work schedule.

09/07/10−Hiralkumar Patel. 2:28 PM:− spoke with Mr. Guglielmi. he mentioned that is he hired ESPL for work but still waiting for contract. asked him to contact ESPL and submit a work schedule by end of 09/10/10.

10/26/10−Hiralkumar Patel. 1:12 PM:− left message for Mr. Guglielmi. informed him that work schedule for required soil investigation around UST must be submitted by the end of 10/29/10 or else case will be referred to legal for enforcement.

02/08/11−Hiralkumar Patel. 4:21 PM:− left message for Dave (at Mr. Guglielimi's extension) and informed him about open spill case on the property. asked him to call back by the end of 02/11/11.

02/09/11−Hiralkumar Patel. received message from Dave (at 7:09 PM on 02/08/11). he mentioned that they are no longer managing this building and asked to contact Vasilios Angelos at 212−734−1832. 2:12 PM:− left message for Mr. Angelos. 4:10 PM:− received call from Mr. Angelos. he mentioned that currenlty property is in foreclosure status and he is a court appointed attorney to manage the building until the judgement occurs. Mr. Angelos asked to send letter to his attention.

High Point Associated VI, LLC.

in receivership c/o Vasilios Angelos

as receiver 301 East 66th Street, Suite 17C New York, NY 10065 Ph. (212) 734−1832 email: vasilios@vcangelos.com

02/10/11−Hiralkumar Patel. 1:02 PM:− sent letter to Mr. Angelos requiring PBS renewal, isolation test of tank system and soil investigation around entire UST system including underground piping. letter emailed to Mr. Angelos.

02/11/11−Hiralkumar Patel. received email from Mr. Angelos (at 5:24 PM on 02/10/11) stating that he received a letter.

03/24/11−Hiralkumar Patel. 11:39 AM:− received call from Rene. he has been hired for work. informed him that the department requires soil investigation around the 5,000 gal tank system including piping. informed him that if the tank is abandoned and filled with concrete/sand, then soil samples must be collected at least to 10 ft below tank invert around the tank. but if tank is still accessible, then four soil samples through the tank bottom in centerline at least three ft below tank invert. also, soil samples at every 10 ft along the underground lines and samples along lines must be collected at least three ft below line. Rene mentioned that he will check tank and he is planning to remove old lines. informed him that if he removes the old lines and find no contamination than need color pics of open trench to confirm it. Rene will call back with schedule.

04/08/11−Hiralkumar Patel. 2:19 PM:− received email from Mr. Angelos. he mentioned that Approved Oil has installed four borings around the tank and sent samples to lab. Mr. Angelos requested a time extension to submit report.

04/12/11−Hiralkumar Patel. 3:01 PM:− sent email to Mr. Angelos. asked him to submit report by 04/29/11. also asked him about investigation along underground lines.

04/20/11−Hiralkumar Patel. 10:38 AM:− received email from Lizette including results of four soil samples. 1:53 PM:− sent email to Lizette and asked to send scaled site map and detailed boring logs also for review. email copied at approved oil.

04/25/11−Hiralkumar Patel. 8:32 AM:− received email from Lizette including site map and some pics. the site map doesn't include tank location and no information about tank size. as per lab data submitted earlier, soil samples were taken at 5 ft depth. no boring logs submitted yet. 11:14 AM:− spoke with Lizette. she doesn't know the depth of tank invert but the tank has not abandoned yet. 11:25 AM:− spoke with Jimmy at approved oil. informed him that the department requires complete soil investigation. suggest him to talk to environmental consultant.

Jimmy Rhodes Approved Oil Ph. (718) 238−1050 email: jrhodes@approvedoil.com

11:29 AM:− spoke with Mr. Angelos and informed him that the submitted documents are not sufficient and the department requires further investigation. suggest him to hire an environmental consultant and submit his contact info by 05/02/11. 11:48 AM:− sent email to Jimmy and Mr. Angelos with list of contractors.

04/27/11−Hiralkumar Patel. 12:48 PM:− received call from Jimmy. he inquired about process to close the 5,000 gal tank. informed him that the department requires renewal of PBS registration and then they can apply for closure. he asked if tank needs to be tested tight as part of registration renewal as tank will be closed. asked him to discuss with PBS section.

04/27/11−Hiralkumar Patel. 2:15 PM:− received call from Dan, property manager working for Mr. Angelos. explained him the letter requirements. asked him to provide contractor's info, who is going to do further investigation, by 05/02/11.

Daniel Passarello

property manager Assistant Director of Operations Atco Properties & Management, Inc. 70−34 83rd Street Building 19, 2nd Floor Glendale, NY 11385 Ph. (718) 326−3560 Ext 201

(646) 584−0317 (C) Fax (718) 326−0374 email: dan@atco555.com

05/03/11−Hiralkumar Patel. DEC Brian received call from Bill from Preferred inquiring about tank registration without doing tank test as owner plan to close the tank now. Brian will discuss with PBS team in Albany. 4:22 PM:− received email from DEC Scott Caruso. he will discuss PBS renewal issue with Mr. Angelos.

05/06/11−Hiralkumar Patel. 10:41 AM:− received call from Rene Lewis. his company was contacted for cost proposal for required investigation. informed Rene about case history.

05/17/11−Hiralkumar Patel. 3:23 PM:− received email from Bill from Preferred including a work plan. abstract: − will install eight borings around the 5,000 gal UST and associated underground supply/return lines − as 1,500 gal UST will also be abandoned in−place, proposed to install four boring around the UST − borings will be installed up to 10 ft below the tank invert and five ft below supply/return lines − due to presence of scaffolding along the sidewalk exterior of the building, no soil borings are proposed surrounding the remote fill lines for the USTs

05/19/11−Hiralkumar Patel. 11:41 AM:− received call from Bill. he mentioend that they can do soil investigation around tank and associated underground lines except the fill line under the sidewalk as there is a scaffolding on sidewalk. based on observation

inside the building, Bill suspect that fill line might be running at 5 ft depth under the sidewalk. fill port for 5,000 gal UST is about 9 ft away from the building foundation wall. as tank system was being used after it failed in 2003, the department requires investigation under the sidewalk as old fill line might have leaked. suggest Bill to excavate the old fill line from under the sidewalk, if owner doesn't want to wait till scaffolding removed.

05/24/11−Hiralkumar Patel. 10:14 AM:− spoke with Mr. Passarello regarding investigation along the remote fill line. he has spoken with Bill and they will remove the concrete flags so hand borings can be installed along the remote fill line. 10:37 AM:− spoke with Bill and asked him to send email with proposal for work along the fill line. 1:37 PM:− received email from Bill. he mentioned that once teh siddewalk flags removed, they will install two soil borings adjacent to the remote fill line using manually−operated hand augers. borings will be installed five ft below the lines. 3:48 PM:− sent work plan approval letter to Mr. Passarello and asked to submit report by 07/01/11. letter emailed to Mr. Passarello, Bill, Jill and Mr. Angelos.

05/25/11−Hiralkumar Patel. 3:22 PM:− received email from Bill. due to long process in getting NYCDOT permit, they have to reschedule the work. will send new dates soon.

07/06/11−Hiralkumar Patel. received report from Bill (at 5:04 PM on 07/05/11). abstract: − subject site is currently developed with a four−story multi−unit residential/commercial building − installed total of four soil borings (SB−1 through SB−4) around the 1,000 (or 1,500) gal UST (as this tank will also be abandoned−in−place), total of five (5) soil borings (SB−5 to SB−10) around the 5,000 gal UST and two borings (SB−9 and SB−11) along supply lines − borings around tanks were installed to 16 ft bg, except SB−8 where rock refusal found at 4.5 ft bg − borings along lines were installed to 5 ft below lines − no borings were installed surrounding the remote fill lines due to scaffolding − found petroleum odors and PID readings (highest 236 ppm at 3−5 ft bg in SB−3) in borings SB−1, SB−2, SB−3, SB−5 and SB−11, but no odors or PID readings found in deeper soils − no contamination found in any sample except SB−3 (at 3−5 ft depth with maximum of 236 ppm on PID)

soil analyticals (in ppb): −−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−SB−3

3−5 ft bg Toluene−−−−−−−−−−−−−−−−−−−−−−−−−−25 Ethylbenzene−−−−−−−−−−−−−−−−−−−−−−130 Xylene−−−−−−−−−−−−−−−−−−−−−−−−1,820
1,2,4−Trimethylbenzene−−−−−−−10,000 1,3,5−Trimethylbenzene−−−−−−−−2,200 Naphthalene−−−−−−−−−−−−−−−−−−16,000

07/08/11−Hiralkumar Patel. 2:20 PM:− left message for Bill inquiring about depth of top of both tanks and tanks diameter (approx.). also asked for schedule for investigation under sidewalk along remote fill lines. 2:41 PM:− sent email to Bill inquiring about depth of tanks' top and tanks' diameter and possibility of removal of shallow contamination around SB−3. asked him to submit schedule for investigation under the sidewalk along the remote fill lines. email copie to Jill and Mr. Passarello.

07/15/11−Hiralkumar Patel. 7:11 AM:− received email from Bill. he mentioned that top of both USTs were located immediately beneath the floor (within 6 to 8 inches), so the bottoms of these tanks were 6 ft (for 1,500 gal tank) and 8 ft (for 5,000 gal tank) bg.

08/02/11−Hiralkumar Patel. discussed with DEC Austin regarding shallow soil contamination. as no contamination found in deeper soil and no shallow groundwater, Austin mentioned that no further cleanup needed inside the building. he asked to check for any change of sidewalk flag in recent years in fill line area. if there is any sign of sidewalk work done, then requires further investigation. 3:15 PM:− spoke with Bill. informed him that based on submitted information, no cleanup needed inside the building. asked him about observation along the sidewalk in fill line area. he will check that.

08/03/11 On request of Kumar Patel, I inspected the site. I also took pictures of the sidewalk. There are two fill ports on the

sidewalk.No evidence of spill or soil contamination observed around the fill port. No new patch or indication of excavation work on the sidealk along the fill line noticed.(sr)

08/03/11−Hiralkumar Patel. after reviewing available information, case closed based on following: − tank system tested tight in 2005 − no sign of sidewalk repair noticed by DEC Sharif during his site visit this morning indicating whatever repair done on tank system in 2005 must be inside the building − tank system was out of service since 2005, so the fill line for 5,000 gal tank was not in use for last six years

1:50 PM:− spoke with Mr. Passarello and informed him about case closure. asked him to resolve PBS violations. 2:06 PM:− sent spill closure letter to Mr. Passarello. letter emailed to Mr. Passarello. asked him to correct PBS violations. email copied to Bill and Mr. Angelos.

PBS violation issue was referred to DEC Brian. he will follow−up after two weeks.

08/04/11−Hiralkumar Patel. 2:58 PM;− received call from Mr. Passarello. he mentioned that they are planning to abandone both tanks. asked him to notify PBS unit for such work.

see also spill #: 0212929.

Map Identification Number 41 **APARTMENT BUILDING** **Spill Number: 0413123** **Close Date: 05/10/2005**
84−53 DANA COURT QUEENS, NY TT−Id: 520A−0125−128

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2040 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 8453 DANA COURT
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK Spiller: ABRAHAM WEXLER − APARTMENT BUILDING Spiller Phone: (718) 731−7011
DEC Investigator: MXTIPPLE Contact for more spill info: ABRAHAM WEXLER Contact Person Phone: (718) 731−7011

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: ABRAHAM WEXLER Caller Agency: NYC TANK TEST Caller Phone: (718) 731−7011
Notifier Name: ABRAHAM WEXLER Notifier Type: Tank Tester Notifier Phone: (718) 731−7011

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/16/2005		TANK TEST FAILURE	YES	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	IMPERVIOUS SURFACE

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

PBS No: 2−602241

DEC Investigator Remarks:

sent ttf ltr on 3/25/2005

5/10/05 tipple reviewed documrntation from AST ttf//repairs and subsequent passingsystem test//NFA

Map Identification Number 42 **84−53 DANA CT** **Spill Number: 0212929** **Close Date: 03/22/2010**
84−53 DANA CT QUEENS, NY TT−Id: 520A−0124−767

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2040 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 8453 DANA CT
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: Spiller Phone:
DEC Investigator: hrpatel Contact for more spill info: DAN SHALON Contact Person Phone: (818) 907−0800

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: PHIL FAZEN Caller Agency: A1 CROWN LEAK Caller Phone: (516) 375−5890
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/31/2003		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	5000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

tank gasket will be replaced and tank retested

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO 3/31/03 tipple sent ttf letter,

2/9/2006 − JZ: This case is currently handled by Central Office.

6/21/06 Transfered for closure review to T Knizek.

8/19/08 Transferred to Region 2 for reassignment

9/29/09 − Austin − Transferred from Albany assignment to Patel, for further investigation. − end

10/01/09−Hiralkumar Patel.

alternate address: 63−38/63−40 Woodhaven Blvd

PBS #: 2−602241. as per PBS record, site has one 5,000 gal #2 oil UST. last tank test was conducted on 04/18/05.

other spills: 0413123.

spill #: 0413123 was reported on 06/16/05 due to tank test failure. case closed on 05/10/05 based on repair documents on tank.

site owner (as per PBS):

Highpoint Associates, VI, LLC. c/o Keystone Management, Inc. 15165 Ventura Blvd., Suite # 140 Sherman Oaks, CA 91403 Ph.

(818) 907−0800

(212) 684−4141

03/22/10−Hiralkumar Patel. another tank test failure reported at the site. spill 0913483.

this case is administratively closed. will be investigated under spill # 0913483.

Map Identification Number 43 **66−01 BURNS ST** **Spill Number: 9806384** **Close Date: 07/12/2006**
66−01 BURNS ST REGAL PARK, NY TT−Id: 520A−0131−934

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2095 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 6601 BURNS ST
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: BRAD HUNTINGTON Spiller Phone: (914) 962−3692
DEC Investigator: WBWELLIN Contact for more spill info: BRAD HUNTINGTON Contact Person Phone: (914) 962−3692

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JOHN LEDDY Caller Agency: PROTEST ENTERPRISES Caller Phone: (516) 321−4670
Notifier Name: ALBERTO LOPEZ Notifier Type: Tank Tester Notifier Phone: (516) 321−4670

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/22/1998		TANK TEST FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	15000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

TANK IN AN APARTMENT BLDG

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 5/18/04 − AUSTIN − TRANSFERRED FROM TOMASELLO FOR REASSIGNMENT − END 07/12/06 No further evidence that a problem exists. Spill file closed.

Map Identification Number 44 **APARTMENT BLDG** **Spill Number: 9801177** **Close Date: 10/15/1998**
63−36 98TH PLACE REGO PARK, NY TT−Id: 520A−0127−626

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2220 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6336 98TH PLACE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MR CIAMPA − APARTMENT BLDG Spiller Phone: (718) 939−4888
DEC Investigator: TOMASELLO Contact for more spill info: MR CIAMPA Contact Person Phone: (718) 939−4888

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JOHN LEDDY Caller Agency: PROTEST ENTERPRISES Caller Phone: (516) 321−4670
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/27/1998		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	10000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

none

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 45 **COMMERCIAL COMPLEX TTF** **Spill Number: 1200573** **Close Date: 01/16/2013**
66−20 WETHEROLE ST QUEENS, NY TT−Id: 520A−0273−719

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2266 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 6620 WETHEROLE ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: THOMAS FAN − BEVERLY APT MANAGEMENT − TANK TEST Spiller Phone:
DEC Investigator: SMSANGES Contact for more spill info: THOMAS FAN − BEVERLY APT MANAGEMENT Contact Person Phone: (718) 939−3300

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/19/2012		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0		0		

Caller Remarks:

dry leak − 5000 gallon tank − repair/retest pending

DEC Investigator Remarks:

Sangesland spoke to Mark at PTC. PTC changed the vent and retested and it passed. No contamination was found. Spill Closed.

Map Identification Number 46 **66−10 THORNTON PL** **Spill Number: 9806383** **Close Date: 07/12/2006**
66−10 THORNTON PL REGAL PARK, NY TT−Id: 520A−0127−709

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2273 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 6610 THORNTON PL
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: BRAD HUNTINGTON Spiller Phone: (914) 962−3692
DEC Investigator: WBWELLIN Contact for more spill info: BRAD HUNTINGTON Contact Person Phone: (914) 962−3692

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JOHN LEDDY Caller Agency: PROTEST ENTERPRISES Caller Phone: (516) 321−4670
Notifier Name: ALBERTO LOPEZ Notifier Type: Tank Tester Notifier Phone: (516) 321−4670

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/22/1998		TANK TEST FAILURE	NO	NO

NO MATERIAL INFORMATION GIVEN FOR THIS SPILL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
001	10000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

TANK IN AN APARTMENT BLDG

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 5/18/04 − AUSTIN − TRANSFERRED FROM TOMASELLO FOR REASSIGNMENT − END 07/12/06 No further evidence that a problem exists. Spill file closed.

Map Identification Number 47 **QUEENS LIGHT HOUSE** **Spill Number: 9802214** **Close Date: 09/26/2007**
16−05 WOODHAVEN BLVD ELMHURST, NY TT−Id: 520A−0209−641

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2279 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 6005 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL
DEC Investigator: LXZIELIN
Spiller: NONE − QUEENS LIGHT HOUSE
Contact for more spill info: NONE
Spiller Phone: (718) 899−9100
Contact Person Phone: (718) 899−9100

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JOHN LEDDY
Caller Agency: PROTEST ENTERPRISES
Caller Phone: (516) 321−4670
Notifier Name: A LOPEZ
Notifier Type: Tank Tester
Notifier Phone: (516) 321−4670

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/19/1998		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

TEST WAS DONE YESTERDAY

DEC Investigator Remarks:

09−26−07 − Zielinski

Pertoleum Tank Cleaners, Ltd., sent a report, dated September 19 on soil sampling and tank testing. After a replacement of suction and return lines, the tank was retested and passed the test. Four soil samples next to relpaced lines were taken and analyzed for VOCs and SVOCs. The results show the presence of MTBE(max 1.91 ppb)at four locations, and the presence of benzoanthracene (105 ppb) and benzopyrene (69.0 ppb) at one location. The spill is closed.

07/25/07 − Zielinski Jonathan of Queens Gymnasia, phone 646−996−0101, caled and informed that Petroleum Tank Cleaners, Inc., sampled soil and retested the tank. No contamination was found and the tank was tight. A report will be sent soon by Petroleum.

04/03/07 − Zielinski The TTF letter returned unclaimed. Sent another one to Queens Gymnasia, Lev Leviev−President

03/28/07 − Zielinski A PBS registration indictates that the correct address is 60−05 Woodhaven Boulevard, Elmhurst, NY 11373.
Sent a TTF letter to this address.

09/05/06 −Zielinski This spill case reassigned from CO to Region 2.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 5/18/04 − AUSTIN − TRANSFERRED FROM TOMASELLO − END

Map Identification Number 48 **EXXONMOBIL** **Spill Number: 9808388** **Close Date: 07/07/2003**
64−01 WOODHAVEN BLVD REGO PARK, NY TT−Id: 520A−0127−730

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2307 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 6401 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: STEVE TRIFILETTI − EXXONMOBIL Spiller Phone: (516) 239−5233
DEC Investigator: SIGONA Contact for more spill info: STEVE TRIFILETTI Contact Person Phone: (516) 239−5233

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JOHN ULBRICHT Caller Agency: TANKNOLOGY NDE Caller Phone: (512) 451−6334
Notifier Name: EMPLOYEE Notifier Type: Affected Persons Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/07/1998		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	4400	VacuTest	0.00	FAIL

Caller Remarks:

FIRE MARSHALL WITTNESS TEST. AIR LEAK AT THE MAN WAY AT TOP OF TANK− NO LEAK

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 49 **EXXONMOBIL** **Spill Number: 9008071** **Close Date: 01/07/1991**
64−01 WOODHAVEN BLVD REGO PARK, NY TT−Id: 520A−0125−620

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2307 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 6401 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: EXXONMOBIL Spiller Phone: (516) 239−0266
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: SCOTT GOTTSCHALL Caller Agency: MOBIL Caller Phone: (703) 849−5319
Notifier Name: Notifier Type: Responsible Party Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/24/1990	01/07/1991	TANK TEST FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

LINE TEST ONLY, PETROTITE, LEAK RATE −.014GPH, ALVIN PETROLEUM TO

INVESTIGATE, REPAIR & RETEST.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 50 **APARTMENT BLDG** **Spill Number: 0701066** **Close Date: 08/21/2007**
61−25 97TH STREET QUEENS, NY TT−Id: 520A−0136−436

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2366 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 6125 97TH STREET
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ABRAHAM WEXLER − APARTMENT BLDG Spiller Phone: (718) 731−7011
DEC Investigator: bkfalvey Contact for more spill info: ABRAHAM WEXLER Contact Person Phone: (718) 731−7011

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/25/2007		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	20000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

NONE’

DEC Investigator Remarks:

4/26/07 called Norman Schneider of Metro Management to find out if they are still the managers. Left message to call me back. bf

4/27/07 Called Mr. Schneider on his cell (917)887−5310. He was not aware of ttf. he did not know the woman’s name who runs the building, but he is in charge of keeping the PBS registrations in up to date. Will send him ttf letter. bf

4/30/07 sent ttf letter to: Norman Schneider Park Plaza Owners Corp. c/o Metro Management 42−25 21st St. Long Island City, NY 11101

Received message from Norman Schneider. He is not sure what caused the failure and he said that he will cooperate with DEC to stay in compliance. bf

5/23/07 Received fax from Greg Quattlander of New York Plumbing Heating Cooling Corp. stating that the vent line was corroded causing the failure. All piping is being replaced and a closure report will be submitted on completion of the project. bf

8/21/07 On 8/7/07, received letter from Greg Quattlander of New York Plumbing Heating Cooling Corp. Failure was due to corrosion on the top of the tank caused by water penetration. tank was taken out of service, pumped out, and cleaned. Tank was removed. Letter included photos of the tank excavation and sampling results. NFA. bf

Map Identification Number 51 **PARK PLAZA OWNERS INC** **Spill Number: 0206557** **Close Date: 11/07/2002**
61−15 97TH ST REGO PARK, NY TT−Id: 520A−0129−644

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2366 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 6115 97TH ST
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: LOUIS RIVERA − PARK PLAZA OWNERS INC Spiller Phone: (718) 592−0630
DEC Investigator: TJDEMEO Contact for more spill info: LOUIS RIVERA Contact Person Phone: (718) 592−0630

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: LINDA MULLINS Caller Agency: NY PLUMBING Caller Phone: (718) 441−6800
Notifier Name: LINDA MULLINS Notifier Type: Tank Tester Notifier Phone: (718) 441−6800

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/24/2002		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	20000	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

tank failed test − no product spillage

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 11/7/02 TJD Tank test failure. Tank and piping uncovered, a rotted vent line was discovered with soil contamination in the area of vent. Contaminated soils removed to clean endpoint to an approximate depth of 5 feet. Total of 30 cu yds soils were removed. Laboratory analysis of endpoint samples (below TAGM) and disposal manifests provided with request for closure. Report review expedited due to pending finacial transaction on property.

Map Identification Number 52 **94−10 60TH AVE** **Spill Number: 0301856** **Close Date: 09/21/2004**
94−10 60TH AVE QUEENS, NY TT−Id: 520A−0124−814

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2396 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 9410 60TH AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: MICHAEL WALSH − GREENVILLE MANAGMENT Spiller Phone: (718) 606−9763
DEC Investigator: CXLEECE Contact for more spill info: MICHAEL WALSH Contact Person Phone: (718) 606−9763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: PHIL FAZIN Caller Agency: A−1 CROWN LEAK CORPOATION Caller Phone: (516) 375−5890
Notifier Name: SAME Notifier Type: Tank Tester Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/21/2003		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	7500	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

Tank test failure at above location. Managment advised of test results. Tank to be uncovered and retested.

−−−

Map Identification Number 53 **60−50 WOODHAVEN BLVD** **Spill Number: 9208276** **Close Date: 07/12/2006**
60050 WOODHAVEN BLVD. ELMHURST, NY TT−Id: 520A−0130−413

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2401 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 6050 WOODHAVEN BLVD.
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: Spiller Phone:
DEC Investigator: WBWELLIN Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: BOB MONNITAE Caller Agency: GASTIAL CO. Caller Phone: (718) 647−7443
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/17/1992		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	−1.00	POUNDS	0.00	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

T.T.F.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL C 4/12/04−Vought−Spill transferred from Miller to Rommel as per Rommel. 07/12/06 Spill file closed. Lack of timely follow−up.

Map Identification Number 54 **TANK TEST FAILURE TTF** **Spill Number: 1201782** **Close Date: 01/29/2015**
66−15 THORTON PL QUEENS, NY TT−Id: 520A−0274−086

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2478 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 6615 THORNTON PL
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: UNKNOWN Spiller Phone:
DEC Investigator: VXBREVDO Contact for more spill info: MARLIN JOSEPH Contact Person Phone: (718) 624−4842

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/23/2012		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0		0		

Caller Remarks:

tank test failure

DEC Investigator Remarks:

TTF letter (see eDocs) sent to property manager: James Demetriou First Management Corp 34−03 Broadway Astoria, NY 11106 718−726−4792

07/16/13 − Spill Case is transferred from Moses Ajoku (PBS Unit) to Brevdo (Section B) as per DER Region 2 decision − Tank Test Failure Spill Case. VB

01/29/2015 − V. Brevdo Petroleum Tank Cleaners (PTC) was contacted by First Management on May 23, 2012 to perform a tightness test on a 10,000 gallon #6 fuel oil tank. The test was to be done as the building was scheduled t obe converting to natural gas and wanted to close the tank in place. The tank was a buried UST and is registered with PBS program under No. 2−602458. As part of the scope of work PTC uncovered the top of the tank to pump out, squeegee clean and purge the tank gas free prior to its pressure testing and subsequent closing. The remaining fuel oil was delivered to an alternative address as the building was no longer going to use it. PTC tested the tank in which it failed. The potential spill was immediately reported to DEC by PTC. Two temporary ASTs 275 gallon were installed during the work and conversion to maintain hot water in the building.

On June 12, 2012, to determine if a release to the subsurface occurred, PTC collected three soil samples around the tank. A sample was collected on each accessible side of the tank at leaset two feet below the bottom of the tank which was approximately eight (8) feet below grade.

Laboratory samples indicated no detectable amounts of VOCs and SVOCs in any of the samples. Documents have been submitted by PTC. Furthermore the fill line was cut and cemented at the tank and sidewalk. Once all the associated lines were removed, and the soil sample results were received and reviewed, the tank was filled in place with foam. Copie of the work invoices were provided to DEC.

Based on the work performed and analytical data of the samples collected around the tank, PTC requested closure of the spill on August 13, 2012. The results of testing were again submitted (faxed) to DEC on January 29, 2015, which is today. Mr. Moses Ajoku of PBS Unit has delivered the submission for my review (Vadim Brevdo).

Based on the documentation provided by PTC and soil sampling data, the Department hereby concludes that no product release occurred which would have impacted soil around the tank. Therefore, spill is closed effective 1/29/2015. VB

Map Identification Number 55 **PUBLIC SCHOOL 206−Q** **Spill Number: 9912721** **Close Date: 02/03/2006**
61−21 97TH PL REGO PARK, NY TT−Id: 520A−0129−642

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2522 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PL
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: MR JOHNSON − BOARD OF ED Spiller Phone: (718) 271−8739
DEC Investigator: AJWHITE Contact for more spill info: MR JOHNSON Contact Person Phone: (718) 271−8739

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JIM GIUSTINIANI Caller Agency: STATE ENVIRONMENTAL Caller Phone: (718) 265−3355
Notifier Name: JIM GIUSTINIANI Notifier Type: Tank Tester Notifier Phone: (718) 265−3355

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/07/2000		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
1	7500	Horner EZ Check I or II	0.00	FAIL

Caller Remarks:

replaced gasket

DEC Investigator Remarks:

11/15/2005: Joe White has the lead for this site as part of the Spill Initiative Project.

12/08/2005: Mr. James Merlo, the NYC Schools coordinator for Spills, contacted Joe White and he will be providing the most recent tank test pass so this past failure can be closed out.

1/5/2006: The PBS# 2−352721 associated with this spill documents two tanks at this facility. Evidently they are now being used for #2 fuel oil. One of the tanks has been tested subsequent to this report and the other has not. We will have to await the information on the remaining tank.

2/2/2006: I received the tank test passing results of August 4, 2005 from Mr. Merlo. As a result I will close out this spill.−−−−−−− joe white

Map Identification Number 56 **CLOSED−LACKOF RECENTINFO.** **Spill Number: 9213614** **Close Date: 03/10/2003**
61021 97TH PL REGO PARK, NY TT−Id: 520A−0129−643

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2522 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PL.
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: N.Y.C. BD. OF EDUC.−PS206 Spiller Phone: (718) 706−3483
DEC Investigator: ADMIN. CLOSED Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: SEBASTIAN LOREFICE Caller Agency: TANK TESTING INC. Caller Phone: (718) 789−3770
Notifier Name: Notifier Type: Tank Tester Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/10/1993		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

NO ACTION YET DETERMINED.

CLOSED DUE TO LACK OF ANYRECENT INFO−DOESNOT MEET ANY CLEANUP REQUIREMENTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 10/10/95: This Is Additional Information About Material Spilled From The Translation Of The Old Spill File: T.T.F. 03/10/2003− Closed Due To The Nature / Extent Of The Spill Report.

Map Identification Number 57 **PS #206 SCHOOL** **Spill Number: 0013054** **Close Date: 01/06/2006**
61−21 97TH PLACE QUEENS, NY TT−Id: 520A−0129−641

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2522 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PLACE
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: PHIL FAZIN − PS #206 SCHOOL Spiller Phone: (516) 939−2959
DEC Investigator: AJWHITE Contact for more spill info: PHIL FAZIN Contact Person Phone: (516) 939−2959

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: PHIL FAZIN Caller Agency: CROWN LEAK DETECTION Caller Phone: (516) 939−2959
Notifier Name: PHIL FAZIN Notifier Type: Tank Tester Notifier Phone: (516) 939−2959

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/13/2001		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
2	7500	Horner EZ Check I or II	0.00	UNKNOWN

Caller Remarks:

WILL ISOLATE TANK AND RE−TEST.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND

11/15/2005: Joe White has the lead for this site as part of the Spill Initiative Project.

12/08/2005: Mr. James Merlo, the NYC Schools coordinator for Spills, contacted Joe White and he will be providing the most recent tank test pass so this past failure can be closed out.

1/6/2006: The PBS# 2−352721 is associated with the facility in this spill report. Tank 2 which failed the tank test in March of 2001 has been retested and the PBS documents a passing date of 6/22/2005. The successful tank test and the quantity of the spill reported as 0 gallons is sufficient for closing out this spill. −−−−−−−− joe white

Map Identification Number 58 **APARTMENT** **Spill Number: 0407019** **Close Date: 03/08/2005**
91−31 QUEENS BLVD CORONA, NY TT−Id: 520A−0125−043

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2626 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 9131 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: JOHN BRENNER − APARTMENT Spiller Phone: (718) 457−2400
DEC Investigator: SMSANGES Contact for more spill info: JOHN BRENNER Contact Person Phone: (718) 457−2400

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JIM MELNICK Caller Agency: PRO TEST Caller Phone: (631) 321−4670
Notifier Name: JIM MELNICK Notifier Type: Tank Tester Notifier Phone: (631) 321−4670

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/24/2004		TANK TEST FAILURE	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
	70000	'SoilTest Ainlay Tank ''Tegrity Tester'	0.00	UNKNOWN

Caller Remarks:

RECOMMENDATION: NONE

DEC Investigator Remarks:

Sent TTF ltr.

Cross Ref Spill # 0304242

Prior spill number (TTF) on this site was never addressed. Site was retested and failed again. Leak was found in elbow of return line. Long term drip to the basement floor. Caused serious contamination to floor. Some soil was removed, but just

enough to replace return line. 3/4/2005 Contractor (Eastmond) said they have now dug out whole area and they are sending a report to DEC.

3/8/2005 Sangesland reviewed a submittal from Rene at Eastmond. Photos and waste manifest (12.5 drums soil) submitted. Letter from Eastmond states: 1) Dig out all contaminated soil from around oild return line (250 bags) 2) Backfilled as needed 3) Return line was replaced. 3) Tank system was retested and past.

Spill Closed

Map Identification Number 59 **EXPRESSWAY REALITY** **Spill Number: 0304242** **Close Date: 03/08/2005**
91−31 QUEENS BLVD CORONA, NY TT−Id: 520A−0124−850

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2626 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 9131 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: JOHN BRENNER − EXPRESSWAY REALITY Spiller Phone: (718) 457−2400
DEC Investigator: SMSANGES Contact for more spill info: JOHN BRENNER Contact Person Phone: (718) 457−2400

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JIM DONELAN Caller Agency: PROTEST Caller Phone: (631) 321−4670
Notifier Name: JIM DONELAN Notifier Type: Tank Tester Notifier Phone: (631) 321−4670

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	PBS # Involved	Meets Cleanup Standards	Penalty Recommended
07/22/2003		TANK TEST FAILURE	2−407119	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND sent TTF letter

A second TTF occurred Spill # 0407019 − See that spill report for details Spill Closed 3/8/2005

Map Identification Number 60 **APT HOUSE** **Spill Number: 0308070** **Close Date: 11/03/2009**
64−11 99TH STREET REGO PARK, NY 11374 TT−Id: 520A−0124−900

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2634 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 6411 99TH STREET
Revised zip code: NO CHANGE

Source of Spill: NON−MAJOR FACILITY (>1100 GAL) Spiller: SAME − SAME Spiller Phone:
DEC Investigator: LXZIELIN Contact for more spill info: BRIAN MCCARTHY Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JOHN LEDDY Caller Agency: PROTEST Caller Phone: (631) 321−4670
Notifier Name: JOHN LEDDY Notifier Type: Tank Tester Notifier Phone: (631) 321−4670

Category: Investigation indicates there was no spill.
Class: Any Type of RP, Including No RP − DEC Field Response − Corrective Action Not Required or Not Possible

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/29/2003		TANK TEST FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

TANK TEST INFORMATION

Tank Number	Tank Size	Tank Test Method	Leak Rate	Gross Leak or Failure
		Unknown	0.00	UNKNOWN

Caller Remarks:

failed tank test

DEC Investigator Remarks:

11/03/09 − LZ The October 30, 2009 report(sDocs) prepared by Petroleum Tank Cleaners, Ltd, gives details on the site investigation. After the tank failed the TT, Petroleum determined that the suction line and the tank were not tight. The suction line was uncovered and no contamination found. The tank was emptied and four holes were drilled through the tank. Four samples, three feet below the bottom were obtained and analyzed. All analyzed VOCS and SVOCs were within TAGM 4046 limits. The tank was filled with concrete slurry. An NFA letter was issued. The case is closed.

10/05/09 − LZ Since they were identified in ARCIS as owners, a TTF letter (sDocs)was sent to Certilman and others, Esqs.,

requesting them provide requested information by November 6, 2009.

10/26/06 − Zielinski Sent a TTF letter to Metropolitan Pacific Properties (eDocs).

10/24/06 − Zielinski Visited the site. The building is mainatained by Metropolitan Pacific Properties, Inc., 21−77 33rd Street, Astoria, NY 11101. the property manager, Arthur Baxter, phone (718) 626− 4400. The tank, which failed TT, has been decommisioned.

09/05/06 −Zielinski This spill case reassigned from Central Office to Region 2.

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 10/31/03 DDO Sawyer sent tank test failure letter.



CLOSED STATUS UNKNOWN CAUSE SPILLS AND OTHER CAUSE SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS

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

Map Identification Number 61 **MANHOLE 17148** **Spill Number: 0205742** **Close Date: 11/07/2002**
63RD AVE & AUSTIN ST QUEENS, NY TT−Id: 520A−0123−324

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 596 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 63RD AVE / AUSTIN ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:
DEC Investigator: KMFOLEY Contact for more spill info: TOM MARCINEK Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: TOM MARCINEK Caller Agency: CON ED Caller Phone: (212) 580−6763
Notifier Name: TOM MARCINEK Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/03/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

on 85 gals water cleanup in progress sample taken 144825

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY Con Ed em2is #144825:

3−SEP− 2002 1005HRS R CALISE FOD CALISE #14889 FEILD OP REPORTS FOUND 5 GALLONS UNKNOWN OIL ON 85 GALLONS WATER IN M− 17148. (FDR 6Q29) NO FIRE OR SMOKE . NO INJURIES. NO PRIVATE PROPERTY AFFECTED. NO WEATHER CONDITIONS CAUSED THIS SPILL. NO SEWERS OR

WATERWAYS APPEAR TO BE AFFFECTED. TOOK SAMPLE ON A 4 TO 6 HOUR PRIORITY TURNAROUND. CLEANING UP AS 50 TO 499. A OVER 50 TANKER WAS ORDERED. ENVIROMENTAL TAG # PLACED IS #26154. THE WATER IN STRUCTURE IS STANDING STILL. THERE IS NO WATER MOVEMENT. HE CAN NOT SEE ANY CRACKS IN THE STRUCTURE WALLS. PARKING RESTRICTIONS ARE NP FRIDAY 830A TO 1030A. CHAIN OF CUSTODY # IS BB07689. THIS WILL BE ON THE COMPANY 24HOUR PROGRAM. EPA # NYP 004102117. CIG MORRIS NOTIFIED @ 1054HRS

UPDATE 03−SEP−2002 14:15 HRS. ENVIR. OPER. MECH−A J.RUTIGLIANO EMP# 42669 REPORTS: WHILE CREW WAS PERFORMING CLEANUP AN EARTHEN SUMP WAS DISCOVERED. INCIDENT #144825 WILL NOT BE MEETING THE 24 HR. CRITERIA. SPILL WILL BE RECLASSIFIED AS SPILL UNKNOWN OIL. SAMPLES TAKEN SUMP DUG OUT & CEMENTED.

UPDATE − 03−SEP−2002 14:16 HRS. CIG MR. T. MARCINEK NOTIFIED

9−3−02 13:33HRS SAMPLE ARRIVED AT CHEM LAB.

UPDATE @ 1928 HRS 9/3 J.JACOBI REPORTS ENVIROMENTAL OPS REMOVED 2 DRUMS OF SOLID WASTE, CORPORATE TANKER REMOVED ALL LIQUIDS, SEALED EARTHEN SUMP WITH CEMENT. DOUBLE WASHED STRUCTURE WITH BIO GEN 760. 'C' FAULTED STRUCTURE DUE TO LEAKY TANK. REPAIRS TO BE MADE IN FUTURE. TAG REMAINS IN PLACE.

9/27/02 1300HRS COLANERO ENVIR OPPS REPORTS REPAIRS WERE MADE TO C−FAULT CLEANUP COMPLETED .NO TAG FOUND.

Map Identification Number 62 **MANHOLE 15470** **Spill Number: 0012026** **Close Date: 06/23/2003**
63RD AVE & AUSTIN AVE BROOKLYN, NY TT−Id: 520A−0128−146

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 596 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 63RD AVE / AUSTIN ST
Revised zip code: 11374

Source of Spill: UNKNOWN Spiller: Spiller Phone:
DEC Investigator: KMFOLEY Contact for more spill info: CHARLIE MCCARTHY Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: CHARLIE MCCARTHY Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: CHARLIE MCCARTHY Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/08/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1QT UNK OIL ON 1 QT WATER IN THE MANHOLE − SAMPLES TAKEN − CLEANUP PENDING RESULTS CON ED #135431

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY Con Ed e2mis #135431:

08−FEB−2001 11:00HRS SATIRA #43600 UG REPORTS FOUND 1 PT UNKNOWN OIL ON 1 PINT WATER AND ABOUT 6 −1/2 SQUARE FEET OF MUD IN HOLE. IT APPEARS TO BE CONTAINED. TOOK SAMPLE ON 4 TO 6 HR TURNAROUND CLEANUP PENDING RESULTS. HUNG TAG # 03066.

UPDATE: 2/8/01 20:35HRS LAB SEQ# 01−01353 RESULTS: <1.00PPM

17−FEB−2001 11:15 HRS. ENVIR. OPS. OPER. SUPV. G.JACOBI REPORTS: P.ROSADO EMP# 82008 & W.WALKER EMP# 86035 ENVIR. OPS. SOLIDIFIED ANY FREE FLOWING OIL WITH DIAPERS. REMOVED ALL SOLIDS WITH VACTOR TRUCK. DOUBLE WASHED WITH BG.760 . SEALED EARTHEN SUMP WITH CEMENT. STRUCTURE 100%. ENVIR.TAG# 3066 REMOVED. CLEANUP COMPLETE.

Map Identification Number 63 **MANHOLE# 2730** **Spill Number: 0002217** **Close Date: 09/24/2001**
63RD AV/SAUNDERS AV QUEENS, NY TT−Id: 520A−0128−121

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 915 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 63RD AV / SAUNDERS ST
Revised zip code: 11374

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: TONY LOPEZ Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: TONY LOPEZ Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: CHRIS NEVILL Notifier Type: Affected Persons Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/22/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	3.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ON 100 GALLONS OF WATER. CLEAN UP PENDING. CON ED# 131532

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis #131532:

5−22−01 3gal unknown oil on 100gal water in manhole. Sample returned <1ppm PCB.

5−28−00 Solidified oil and removed all liquids and solids with vactor, double washed structure, sealed sump with cement. No leaking electrical equipment. No sump samples required.

Map Identification Number 64 **PARKOFF RESIDENCE** **Spill Number: 1411921** **Close Date: 09/16/2015**
64 − 45 BOOTH ST REGO PARK, NY TT−Id: 520A−0306−694

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 996 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6445 BOOTH ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
DEC Investigator: SXMAHAT Contact for more spill info: PARKOFF CORP − MAYER BRANDWEING Contact Person Phone: (718) 225−5046

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/20/2015		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

unknown who spiller is − cleanup pending investigation −

DEC Investigator Remarks:

3/23/15: Mahat DEC Mahat contacted Mr. Richard Clifford (Sprague Oil Company) and interview him about the spill and its nature. He mentioned he sub−contracted 4th Ave Transportation for the delviery on 3/10 and 3/17. The spill was reported on 3/20. However, Mr. Clifford mentioned that the actual spill happened on 3/12 (Non−Sprague Delivery day).

DEC Mahat contacted the building managment and left a call back number for further investigation. DEC is waiting for a call back from David Freedman (Building Managment).

2/24/15: Mahat DEC Mahat contacted Ms. Anuduka (Management Team) to provide some pictures from the impacted area.

4/3/15: Mahat DEC Mahat received an email updae from the Anthony Muraugh and email is coppied below: Santosh,

Here are the photos of the scene from 4/1/15.

Nicmanta Trucking had not been aware of this incident and reported it to their insurance carrier immediately upon being made aware by the building owner.

Action works with Nick Manta´s insurance carrier and hired Riteway to make environmental remediation. #6 oil was apparently overfilled and Mike of Nick Manta is performing interviews.

Initial soil removal occurred on 4//1/15. Riteway was to complete remediation on Thursday 4/2/15, however I understand mechanical problems did not allow for much progress yesterday.

I am reaching out to Riteway and I understand through the building superintendent that additional work will be conducted on Monday 4/6/15.

Action will collect soil samples for proper NYSDEC closure and get the NYSDEC a report ASAP. Landscape restoration, after remediation will most likely be conducted by property owner.

If you have any questions or if you require additional information please contact me.

Thanks,

Tony

Anthony D. Murtaugh, P.G. Sr. Project Manager/Hydrogeologist Action Environmental Group/Shield Engineering Inc. P.O. Box 121 Nassau, NY 12123 ph. (518) 766−2462; Cell (518) 441−2735 e−mail: murtaugh−actionenv@nycap.rr.com

Also, all the pictures has been uploaded on D2 for reference.

9/15/15: Mahat DEC Mahat has uploaded the spill closure report on D2 for reference. All collected end point sample are below CP 51 guidance value. Report also includes pictures, manifest, and COC. Based on the report, the Department does not warrant any further investigation/ remediation on the spill case. Hence, the spill case will be closed in DEC Spill database.

Map Identification Number 65 **215373; 63 DRIVE AND QUEENS BLVD** **Spill Number: 0913996** **Close Date: 02/11/2009**
63 DRIVE AND QUEENS BLVD NEW YORK, NY TT−Id: 520A−0249−411

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1065 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 63RD DR / QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT DESK − CON EDISON Spiller Phone:
DEC Investigator: DMPOKRZY Contact for more spill info: ERT DESK Contact Person Phone: (212) 580−8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/30/2009		UNKNOWN		

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	UTILITY

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 66 **VS 1893** **Spill Number: 0208298** **Close Date: 02/20/2003**
63RD DR / QUEENS BL QUEENS, NY TT−Id: 520A−0136−989

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1065 feet to the NE

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

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: AERODRIG Contact for more spill info: CALLER Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: CHARLIE MCCARTHY Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: ZAMBRIO Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/11/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	7.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

145982

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was RODRIGUEZ e2mis notes 145982

11−11−02 1340 HRS. H. SIDBURY SPLICER NETWORK REPORTS WHILE DOING INSPECTION IN VS1893 W/S 63 DRIVE 44' N/O QUEENS BLVD ON FDR. 3Q85 HE FOUND APPROX 7 GALLONS OIL UNKNOWN AT THIS TIME (HE DOES NOT VISUALLY SEE IT LEAKING FROM TRANSF) ON DIRT NO WATER. TRANSF IS BELOW MIN AND FEEDER 3Q85 IS BEING REQUESTED OFF ON EMERG PRIORITY # 1. HE IS UNABLE TO PRESSURE TEST UNIT OR MAKE A BETTER INSPECTION UNTILL STRUCTURE IS MADE SAFE. HISTIRICAL RECORD OF TRANSF IS 10 PPM AND WAS LAST TESTED 1−11−1993 THERE WAS NO FIRE OR SMOKE AT THIS LOCATION, NO INJURIES. NO PRIVATE PROPERTY AFFECTED. WALL OF STRUCTURE ARE IN BAD SHAPE (HAVE BAD CRACKS) HE DOES NOT SEE A SUMP OR SEWER CONNECTION AT THIS TIME. LIQUID SEEMS CONTAINED NO SEWERS OR WATERWAYS AFFECTED. ENGINEERING PLATES SHOWS A SUMP. HE WAS UNABLE TO TAKE A SAMPLE AT THIS TIME. HE PLACED E.S.TAG # 27493.

Update − 11/11/02 1440hrs J. Willard Netw reports W. Washington Shift Mgr requested that nothing be done to the unit at this time. He's requested that LEC be done immediately due to other 3q fdrs being off − presently in 3rd contingency on 3q fdrs.

Networks will have a midnite crew to pressure test unit and take sample at that time.

11/12/02=0150HRS O.S.JACOBI REPORTS NETW CREW PRESSURE TESTED UNIT AND FAILED−LIQUID SAMPLE TAKEN.

12−NOV−2002 1120HRS LAB RESULTS RETURNED LSN # 02−10565−00 <1.00PPM

15−noc−2002 1120 HRS ENVIROMENTAL OPS REPORTS. UNIT WAS REMOVED BY EQUIPMENT. HE DOUBLE WASHED STRUCTURE WITH 760 BIO GEN. RECEMENTED SUMP. PULL TAG # 2749. JOB COMPLETE 100%.

Map Identification Number 67 **MANHOLE #1261** **Spill Number: 0111203** **Close Date: 04/02/2002**
QUEENS BLVD & 63RD DR QUEENS, NY TT−Id: 520A−0136−988

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1065 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / 63RD DR
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNK Spiller Phone:
DEC Investigator: KMFOLEY Contact for more spill info: ANTHONY NATALE Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: ANTHONY NATALE Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: ANTHONY NATALE Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/25/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

NO SEWERS OR WATERWAYS AFFECTED−SAMPLE TAKEN AND RETURNED AT LESS THAN 1PPM. CON ED # 141498

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY E2MIS NOTES:

2−25−02 0840 HRS P.CONTI # 14938 OS UG REPORTS WHILE GETTING READY TO WORK IN MH1261 NEC QUEENS BLVD & 63 DRIVE (OPEN MAINS)
HE FOUND APPROX 2 PINTS UNKNOWN OIL ON 50 GALLONS WATER. THERE IS/ WAS NO FIRE OR SMOKE AT THIS LOCATION. THERE IS NO JIONT REGULATOR IN STRUCTURE. HE DOES NOT SEE A SUMP OR SEWER CONNECTION, LIQUID SEEMS CONTAINED. HE TOOK A LIQUID SAMPLE AND REQUESTED EMERG PRIORITY FOR PCB SAMPLE RESULTS. CLEANUP PENDING SAMPLE RESULTS. ********** UPDATE :
25−FEB−2002 1430HRS LAB RESULTS RETURNED LSN# 02−01584−001 <1.00PPM ********** UPDATE @ 2156 HRS
2/25 P.ROSADO REPORTS HE DOUBLE WASHED STRUCTURE WITH BIO GEN 760 , FOUND SUMP CEMENTED & REMOVED STOP TAG 27840. CLEANUP COMPLETED.

Update − 2/25/02 − No leaking company equipment, incident is closed.

Map Identification Number 68 **MANHOLE 2569** **Spill Number: 0109644** **Close Date: 01/09/2002**
QUEENS BLVD & 63RD DR QUEENS, NY TT−Id: 520A−0136−987

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1065 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / 63RD DR
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: KMFOLEY Contact for more spill info: CALLER Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: MARK SCHLAGEL Caller Agency: CON ED Caller Phone: (212) 580−6765
Notifier Name: Notifier Type: Affected Persons Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/03/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

1 PINT ON 100 GALLONS WATER. CON ED # 140802. EARTHEN SUMP.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY Con Ed e2mis #140802 Notes:

1−3−02 1250hrs 1 pint unknown oil on 100gal water in manhole 2569. No sewer connections. PCB sample taken.

1−3−02 2044hrs LSN 02−00063 <1ppm PCB

1−4−02 1015hrs Env Ops reports strcuture drained of all liquids with vactor and found earthen sump. Removing from 24hr deminimus program. Will continue cleanup and sealing of sump.

1−4−02 1130hrs Env Ops Mechanic reports removed all liquids from structure and double washed with bio−gen 760. Sealed earthen sump with cement. Removed tag. No leaking company equipment.

Map Identification Number 69 **MANHOLE #1261** **Spill Number: 0104102** **Close Date: 08/23/2001**
63RD DR & QUEENS BLVD QUEENS, NY TT−Id: 520A−0136−990

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1065 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 63RD DR / QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN − Unknown Spiller Phone:
DEC Investigator: AERODRIG Contact for more spill info: CALLER Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: PETE MCGUIRE Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: MR PACE Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/18/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

APPROX 4 GLS ON 50 GLS OF WATER. CLEAN UP PENDING TEST RESULTS. CON ED #138275.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was RODRIGUEZ CON ED E2MIS REPORT 7−17−01 4gals. of unknown oil on approx. 56gals. of water in MH1261. Spill is contained, no sewers or waterways are affected. No fire/smoke, no movement in water. Cannot verify if ther is a earthen sump or sewer connection.

1700hrs. LSN 01−07404−001 <1.0ppm

7−13−01 update 0515hrs. Double washed structure with pinicle slix, found earthen sump. Tag left in place. This incident will be taken off the 24hr. program.

5:31hrs. Tag pulled and sump cemented. Cleanup complete.

7−19−01 No leaking company equipment. Waste removed using coagulent , diapers and vactor.

Map Identification Number 70 **MANHOLE #1260** **Spill Number: 0009955** **Close Date: 12/28/2001**
QUEENS BLVD & 63RD DR NEW YORK CITY, NY TT−Id: 520A−0136−991

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1065 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / 63RD DR
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNK Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: CALLER Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: PETER MCGUIRE Caller Agency: CON ED Caller Phone: (212) 580−6765
Notifier Name: MR POVERELLI Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/04/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN NON−PETRO/NON−HAZ MATERIAL	OTHER	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 GAL OF UNKNOWN OIL ON 500 GALS OF WATER. CLEAN UP AFTER TEST RESULTS. CON ED #134594.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL

Map Identification Number 71 **SLEEPYS MATTRESS PL** **Spill Number: 1309148** **Close Date: 08/18/2014**
96 64 QUEENS BLVD QUEENS, NY TT−Id: 520A−0295−302

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1066 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 9664 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: PETRO Spiller Phone:
DEC Investigator: SXMAHAT Contact for more spill info: NICK Contact Person Phone: (516) 779−9513

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/13/2013		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	

Caller Remarks:

cleanup in progress − overflow of filling product

DEC Investigator Remarks:

12/14/13: Mahat

A phone conversation was made with Mr. Nick (Petro Heat @ 516.779.9513). He mentioned DEC that around 10 gallons of #2 fuel was spilled on the ground due to over flow. Spilled was reported a day after the incident. It was contained and cleaned today. Tank room was concrete and it was contained by speedy dry. Mr. Nick also mentioned that there is vapor issue and it will be controlled by the proper ventilation. The reason of the spill was soft vent pipe sound.

DEC required Mr. Nick to send before and after picture of the site and also super's contact information . Mr. Nick will send those information to DEC in next business days.

12/15/13: Mahat

Mr. Nick supplied before and after pictures of the site. It will be uploaded on edocs very shortly.

12/23/13: Mahat

Picturs of the site are uploaded on edocs. Based on the pictures and the phone conversation with Nick, the site has been cleaned. No further investigation is required by the Department.

Spill will be closed in the database.

Map Identification Number 72 **APT BLDG** **Spill Number: 1711235** **Close Date: 03/30/2018**
62− 82 SAUNDERS ST QUEENS, NY TT−Id: 520A−0338−828

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1134 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 6282 SAUNDERS ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: RENE LEWIS − PROPERTY OWNER Spiller Phone:
DEC Investigator: PXLAKHAN Contact for more spill info: RENE LEWIS Contact Person Phone: (917) 569−8323

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/09/2018		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0		0		SOIL

Caller Remarks:

found when removing old tank. discovered contaminated soil in tank bed. cleanup pending. caller will be there Monday

DEC Investigator Remarks:

DEC Piper spoke with Rene Lewis. While removing tank, contaminated soil found underneath. He will contact owner and submit proposal.

03/29/18 − Lakhani Rene sent the results of the five (5) soil samples (S−01 to S−05) that were collected at the site: S−01 26 bg, S−02 31 bg, S−03 24 bg, S−04 30 bg, S−05(sidewall) 18 bg. No VOC/SVOC exceedances were detected in the five (5) soil samples. Rene provided a disposal manifest for the excavated soils.

03/30/18 − Lakhani Rene provided the tank removal affidavit for the 3000 gallon #2 fuel oil AST. Closure letter stated that upon removal of (1) 3000 gallon AST, contaminated soils were discovered beneath the tank. The contamination was old and no free phase product was observed. 30 55−gallon drums of soil were removed and soil samples were collected and analyzed (results described above). Excavation was taken as far as possible. Eventually large stones were encountered. Spill is closed.

Map Identification Number 73 **MANHOLE #15753** **Spill Number: 0009954** **Close Date: 12/28/2001**
QUEENS BLVD SO OF 62ND DR NEW YORK CITY, NY TT−Id: 520A−0136−985

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1187 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 62ND DRIVE / QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNK Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: CALLER Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: PETER MCGUIRE Caller Agency: CON ED Caller Phone: (212) 580−6765
Notifier Name: MR POVERELLI Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/04/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1/2 GAL OF UNKNOWN OIL ON 50 GALS OF WATER. SAMPLE TAKEN. CLEAN UP PENDING TEST RESULT. CON ED #134593.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL

Map Identification Number 74 **MOBILE GAS STATION 12833** **Spill Number: 0909175** **Close Date: 11/20/2009**
96−27 QUEENS BLVD REGO PARK, NY TT−Id: 520A−0234−092

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1207 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: MOBILE GAS STATION 12833 Spiller Phone:
DEC Investigator: hrpatel Contact for more spill info: KEN DRAKE Contact Person Phone: (908) 451−0956

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/16/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

elevated readings with soil sample

DEC Investigator Remarks:

duplicate spill. refer to spill #: 0902519.

case closed.

Map Identification Number 75 **REGAL PARK** **Spill Number: 0908743** **Close Date: 11/20/2009**
96−27 QUEENS BLVD QUEENS, NY TT−Id: 520A−0234−081

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1207 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: KEN DRAKE − MOBIL STATION #12833 Spiller Phone:
DEC Investigator: hrpatel Contact for more spill info: KEN DRAKE Contact Person Phone: (908) −4451−0956

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/03/2009		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0		0		SOIL

Caller Remarks:

Testing at the site reveals soil contamination.

DEC Investigator Remarks:

duplicate spill. refer to spill #: 0902519.

case closed.

Map Identification Number 76 **EXXONMOBIL** **Spill Number: 0902519** **Close Date: 12/09/2021**
96−27 QUEENS BLVD REGO PARK, NY TT−Id: 520A−0229−538

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1207 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9627 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: JESSE GALLO − EXXON MOBIL Spiller Phone:
DEC Investigator: FDBONDI Contact for more spill info: JESSE GALLO Contact Person Phone: (845) 567−6530

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/02/2009		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

IMPACTED SOIL AROUND THE TANK FIELD. CLEAN UP IS PENDING.

DEC Investigator Remarks:

06/04/09−Vought−Received call from and spoke to Anthony Naglieri (Quest 95 LLC Ph:914−686−7300) who owns property located at 9512−9532 63rd road which is immediately adjacent to Mobil Site. Nagleiri requested information on site and Vought referred him to spills and also to project manger (Veronica Zhune). Site is currently being excavated by Mobil. No odors or vapors indicated from excavation. No odors or vapors in 9512−9532 63rd Road. DEC Zhune to call Mobil for update and then return call to Naglieri. Vought called Jesse Gallo (Kleinfelder 845−567−6530x114) for status of site and left message with Jesse Gallo to call Veronica Zhune to provide address for CSL, provide PBS info and provide status of site.

DEC requires:

1)Address for CSL 2)Check PBS 3)Endpoint samples 4)Future use of site (if developed then vapor barrier and possibly SSD) 5)delineation of soil and groundwater contamination

07/06/09 − Zhune called Jesse Gallo regarding complaint of Mr. Anthony Naglieri 516−924−7331 Who lives next door and is concerned of the excavation at Mobil site. Jesse said that Kleinfelder is not doing any work at this site. The station is been upgrading.

They were overseeing it and called to report the contamination. He said that I have to call Yini DeLaCruz from Mobil 917−557−1290.

07/07/09 − Zhune called Yini but could not get her and left message to call back.

07/08/09 − Vought − Called Rick Caputo (Kleinfelder 631−218−0612) to get status of site and left message to return call to DEC. Vought called Gallo and he is not sure of current status of site as site reconstruction being managed by ExxonMobil Asset Management. Endpoint samples were collected by Kleinfelder and they are awaiting results and report will be submitted to DEC. Vought called Yini DeLaCruz and left message to return call with status of site.

07/09/09−Vought−Received message from DeLaCruz that excavation was backfilled, shoring has been removed and is approximately 30' away from nearest adjacent site. Vought left message to return call with entire scope of work.

07/14/09−Vought−Called De LaCruz and left message to return call to Vought.

07/15/09−Vought−Received call from and spoke to DeLaCruz who confirmed that former excavation was approximately 30' from adjacent site, excavation was backfilled, USTs were replaced via installation of plates (without vibration) as opposed to sheeting, contamination was found and endpoints were collected by Kleinfelder. Vought called Kleinfelder (Gallo) and left that report must be sent to DEC Zhune. Vought called Naglieri and left message with status and return call number and referral to FOIL if he would like copy of report.

10/20/09− Zhune spoke to Yini. She said Kleinfelder were supposed to send the report. She will call Kleinfelder.

10/20/09− Jesse Gallo from Kleinfelder called and said the station was upgraded everything was completed by end of August or beginning of September. The report is in draft form is suppose to be submitted in the next few weeks.

11/09/09− Zhune called Jesse Gallo. he said the report was sent to the client for review he will send the report back to Kleinfelder with comments. We will send the report to DEC before Thanksgiving.

11/20/09−Hiralkumar Patel. received two more spills on same property (spill #s: 0908743 & 0909175). both spills reported as found contaminated soils.

PBS #: 2−157139. as per PBS record, site:

− one 275 gal waste oil AST, in−service − one 10,000 gal and one 12,000 gal gasoline USTs installed on 06/23/09, in−service − five 4,000 gal gasoline USTs removed on 06/05/09 − one 500 gal waste oil UST removed on 05/26/09 − three 4,000 gal gasoline USTs closed prior to March 1991

alternate addresses: 96−27 REAR Queens Blvd, 96−23 to 96−27 Queens Blvd, 95−02 63rd Rd

12/09/09 − Zhune. The Station Upgrade Activity Report dated December 7,2009 was received 12/09/09 − Five underground and associated piping were removed. One new 12,000 gallon and one 10,000 gallon double wall fiberglass UST were installed. A total of 10 post−excavation soil samples were collected. The analytical results indicated no detected VOCs above the NYSDEC at any post−excavation sample location. However due to the application of sheeting and shoring during removal activities end point samples were unable to be collected from beneath two of the five former USTs.

According to the subsurface investigation conducted on February 2010 to delineate possible petroleum impacts to soil and groundwater adjacent to two former (USTs) where endpoint samples could not be collected. Two soil borings SB−1 and SB−2 were installed and completed as monitoring wells MW−7 and MW−8 respectively. The analytical results indicated that absorbed−phase BTEX constituents were detected in samples SB−1(18'−20'), SB−2(18'−20') and SB−2(28'−30')above the NYSDEC (RSCOs).

On April, 2010 groundwater samples were taken from the eight monitoring wells (MW−1 − MW−8). Liquid−Phase Hydrocarbon(LPH)was observed in one well(MW−8). The analytical groundwater results indicated concentrations of BTEX constituents in samples from monitoring wells (MW−2, MW−6, MW−7) above NYSDEC Ambient Water Quality standards. MTBE exceeded the Guidance Value in three samples collected from monitoring wells (MW−1, MW−2, MW−7).

On May 2010 three weekly gauge and bail events were conducted in monitoring wells(MW−2, MW−7, MW−8)and will be conducted in monthly basis. The Quarterly groundwater sampling event was performed on July 2010.

01/19/10 − Vought − Received call from Chris Crum (Kleinfelder 845−567−6530x125) who needs letter of review of report of impacted soil allowing performance of off−site soil borings to send to NYCDOT for borings on the sidewalk. Vought prepared and sent sidewalk permit letter to Crum

05/5/10 − Vought − Received call from Joel Adrian (Ph:945−567−6530x111) and .10 feet of free product noted in MW8 which is located approximately 25' to the northeast of tanks. Adrian inquired if separate spill should be reported as product was a dark weathered product but also noted that it may be weathered gasoline. Vought inquired as to groundwater flow direction and Adrian noted that groundwater flow direction was currently undetermined as he did not trust prior determination by separate consultant. Vought required no separate spill number as Adrian noted that this well would be included in investigation and remediation (due to proximity) of above spill. Adrian indicated that free product would be hand bailed and that DEC would receive remedial report by June 2010 and more aggressive remediation (eg VEFR) would be considered.

08/03/2010−The Subsurface Investigation Work Plan dated August 31,2010 proposed the installation of two soil borings to be completed as groundwater monitoring wells to further horizontal and vertical the delineation of petroleum impacted.

09/22/09 Cosmo Lettich from Kleinfelder called and left a message. He said that the Report for the July Groundwater sampling event can not be released right now. They are still working on the QA/QC process. The package, including Phase II, will be sent on the 31st of August.

10/27/10 − This spill has been assigned to M. MacCabe.

4/1/11 − M. MacCabe − The quarterly site status update report was received. There appears to be a gradual decrease in BTEX concentrations in two of the three impacted monitoring wells. Two new wells and quarterly groundwater sampling is scheduled for April.

6/28/11 − The quarterly site status update report was received. The data show no discernible decrease in groundwater contaminant concentrations.

10/27/11 − The quarterly site status update report was received. The data from one of two off−site down−gradient wells showed off−site BTEX impacts but at concentration well below those found on site. One other off−site well is planned for this month.

3/14/12 − No activities this month. The quarterly site status update report was received. The data show no discernible decrease

in groundwater contaminant concentrations. An additional down−gradient monitoring well was constructed. The well will be sampled during the next round.

3/28/12 − A remedial action work plan an soil vapor extraction / air sparging system was approved.

12/19/12 − The quarterly site status update report was received. The data show no discernible decrease in groundwater contaminant concentrations. The next quarterly sampling event is scheduled for January 2013. Well installation and pilot testing originally scheduled for 4th quarter 2012 was delayed, due to the impacts of Hurricane Sandy and the subsequent Holiday street−work embargo in the site area. Implementation of the RAP will commence during the 1st quarter of 2013.

02/12/13 − Construction of SVE / air sparging wells was completed in January. The quarterly site status update report was received. The data show no discernible decrease in groundwater contaminant concentrations.

6/17/13 − All AS/SVE wells are installed and the pilot testing has been completed. Complete installation of the entire system is expected for September.

10/07/13 − The quarterly site status update report was received. The data show no discernible decrease in groundwater contaminant concentrations. The next quarterly sampling event is scheduled for October 2013. Full AS/SVE system installation is scheduled to commence by the end of October.

11/20/13 − The installation of the AS/SVE system began in November starting with drilling and trench for the AS and SVE points and related piping.

12/27/13 − The quarterly site status update report was received. The data show no discernible decrease in groundwater contaminant concentrations. AS/SVE system activation is scheduled January 2014.

4/25/14 − The AS/SVE system is fully installed. However, there were issues with getting the system properly hooked up to the grid. They expect to have the connection completed in May.

6/16/14 − The quarterly site status update report was received. The AS/SVE system is up and running. Quarterly groundwater monitoring was conducted prior to starting the AS/SVE system. The data show no discernible decrease in groundwater contaminant concentrations.

10/27/14 − The quarterly site status update report was received. The AS/SVE system is up and running and removing BTEX. The data don’t yet show a decline in contaminant concentrations.

01/28/15 − The quarterly site status update report was received. The consultant states that as of September 29, the total vapor phase hydrocarbon mass recovered by the AS/SVE system is 2,224 lbs since in began operation on May 16, 2014.

03/25/15 − The quarterly site status update report was received. The consultant states that as of December 12, the total vapor phase hydrocarbon mass recovered by the AS/SVE system is 1,539 lbs.

07/02/15 − The quarterly site status update report was received. The consultant states that as of April 7, 2015 the total vapor phase hydrocarbon mass recovered by the AS/SVE system is 1,552 lbs.

11/02/15 − The quarterly site status update report was received. The consultant states that as of August 28, 2015 the total vapor phase hydrocarbon mass recovered by the AS/SVE system is 1,735 lbs.

12/31/15 − The quarterly site status update report was received. The consultant states that as of November 12, 2015 the total vapor phase hydrocarbon mass recovered by the AS/SVE system is 1,750 lbs.

04/06/16 − The quarterly site status update report was received. OM&M of the SVE system is conducted monthly. consultant states that as of February 11, 2016 the total vapor phase hydrocarbon mass recovered by the AS/SVE system is 1,910 lbs.

06/29/16 − The quarterly site status update report was received. OM&M of the SVE system is conducted monthly. Eleven monitoring wells, including AS and SVE wells, were sampled in April. The consultant states that as of May 18, 2016, 1,921 lbs total vapor phase hydrocarbon mass has been recovered.

10/31/16 − The quarterly site status update report was received. OM&M of the SVE system is conducted monthly. The consultant states that as of August 10, 2016, 1,937 lbs total vapor phase hydrocarbon mass has been recovered.

10/29/16 − OM&M of the SVE system is conducted monthly. There were no other activities in November.

06/01/21 − Site Status Update Report for Q1 of 2021 received from Arcadis (Nicholas Beyrle). According to report, a total of 12,344 lbs of petroleum hydrocarbons and 60.0 lbs of BTEX have been removed(as of March 24, 2021). Monitoring wells 7 & 8 were shown to have residual BTEX concentrations of 11,303 ppb and 3,340 ppb respectively. All other monitoring wells show low to non−detect levels of BTEX. −FB

07/08/21 − Central office staff visited the site to collect well samples and evaluate site conditions. Water samples were taken from MW 7 and MW 8. No petroleum odor was observed for either sample. The air sparge blower was operational and suction was observed on MW 7 and MW 8 during sampling.

07/29/21 − Spill was assigned to Frank Bondi.

07/29/21 − Arcadis consultant (Nicholas Beyrle) suggested, due to the asymptotic recovery being observed, that MW 7 and MW 8 be re−developed via surging and bailing/pumping with the introduction of a surfactant (Gold Crew 4%) to improve hydraulic function in the subsurface. Response was made to consultant with the proposal to shut off the remediation system, allowing the site to recharge to its natural state, and re−evaluate the site conditions after ~2 months. Consultant agreed to shut off system and re−evaluate during the next scheduled sampling in September. Consultant also noted that additional GW sampling was performed earlier in the week and the results will be sent in in a few weeks. −FB

12/07/21 − The December 2021 report, which covers sampling events from 10/19/21, was received from Arcadis. This sampling round covers a recharge event of approximately 2.5 months after the shutdown of the AS/SVE system. A small rebound (36 ppm BTEX) was observed in MW−7, the well closest to the perceived spill zone, and slight rebounds were observed in MW−2 and 8. No rebounds were observed in surrounding wells including those down gradient from the site. Arcadis recommends that no further action be taken:

Considering incomplete exposure pathways to remaining impacted site media, the reduction in the extent of remaining impacted groundwater, off−site monitoring wells indicating stable or decreasing total BTEX concentrations, minimal rebounding in MW−2 and MW−8, and asymptotic recovery of the system, Arcadis recommends that no further action is taken at the site and respectfully requests closure of NYSDEC Spill No. 09− 02519.

12/09/21 − Upon review of the latest December 2021 quarterly report, the department accepts Arcadis' petition for no further action (NFA) required. This spill has been closed without meeting standards. Please note that spill closure is not a certification that the site is free of all environmental defect. Some residually contaminated soil may exist that would have to be properly managed and/or disposed if excavated. NFA. −FB

07/19/22 − Received groundwater well closure report on 07/18/22 from Arcadis. All wells are closed and accounted for. The AS/SVE system has been removed from the site. Report is on DecDocs. −FB

Map Identification Number 77 **MANHOLE 1260** **Spill Number: 0105978** **Close Date: 11/23/2001**
9627 QUEENS BLVD QUEENS, NY TT−Id: 520A−0124−410

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1207 feet to the NE

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

Source of Spill: UNKNOWN Spiller: UNKNOWN − Unknown Spiller Phone:
DEC Investigator: AERODRIG Contact for more spill info: CALLER Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: CHARLIE MCCARTHY Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: MR WAINWRIGHT Notifier Type: Responsible Party Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/04/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 PT OF UNK OIL ON 400 GAL WATER IN MANHOLE. CONFINED − SAMPLE TAKEN − CLEANUP PENDING. #139271

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was RODRIGUEZ e2mis notes: Approx 1 pt unknown oil in 400 gals

water. There is joint regulator in hole, but no visible leaks. Sample taken.

9/4/01, 2019 hrs: lab results 9 ppm PCB.

9/5/01, 1115 hrs: Clean up completed. No leaking equipment found. (JHO)

Map Identification Number 78 **96−33 QUEENS BLVD.** **Spill Number: 9313862** **Close Date: 02/24/1994**
96−33 QUEENS BLVD REGO PARK, NY TT−Id: 520A−0126−232

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1233 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9633 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNK Spiller Phone:
DEC Investigator: CAMMISA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: VIRGINIA SOVIER Caller Agency: PETRO Caller Phone: (718) 545−3662
Notifier Name: Notifier Type: Other Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/23/1994	02/24/1994	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	−1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL FOUND NEAR BOILER IN BASEMENT − PETRO SERV. DID CLEAN UP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 79 **CHICS PLACE** **Spill Number: 1609157** **Close Date: 01/13/2017**
9641 QUEENS BLVD QUEENS, NY TT−Id: 520A−0327−553

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1233 feet to the NE

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

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
DEC Investigator: vszhune Contact for more spill info: BLENE ASSESA Contact Person Phone: (718) 628−3351

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/31/2016		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	5.00	GALLONS	0.00	GALLONS	

Caller Remarks:

Caller advised delivered 5 gal and store called advised that oil is coming into his store from another that is next to his and landlord has not called back.

DEC Investigator Remarks:

12/31/16−Hiralkumar Patel. alternate address: 96−33 to 96−41 Queens Blvd, 96−01 63rd Drive

no PBS record found.

other spills: 9009240, 9011121, 9313862, 9713548, 0010145, 0409494

11:16 AM:− left message for Blene at Petro. 11:22 AM:− spoke with David, store manager of Chic's Place. site has one story building with basement that is occupied by multiple stores. David mentioned that Petro came to deliver oil to a tank in Chic's Place which is located in eastern end of the building. but driver connected to a wrong fill pipe which ends into a vacant store at western end of the building. David notified driver about wrong connection and delivery was stopped. oil mis−delivered into the vacant store which has seeped out of door into basement under next store. David provided property management office number. 11:29 AM:− spoke with Blene. he confirmed information provided by David. he has left message at management office. Petro cleanup crew is at the site waiting for access to vacant store. they have placed speedie dry at the door where oil is coming out. 11:36 AM:− left message at management office.

Queens 4 Stores LLC.

property owner c/o Carlyle Funding Inc. 254 Katonah Avenue Katonah, NY 10536 Attn.: Gerald Simon PH. (914) 232−0795 Fax (914) 232−2174 email: gsimon@carlylemgmt.com

David Chic's Place Ph. (718) 459−6880

DEC Zhune responded due to an unknown amount of oil release into the store and building occupied by retail stores.

12/31/16−Zhune responded to this spill. Met Petro. Driver connected to a wrong fill pipe a vacant store. The owner of Chic's Place store noticed that delivery was mis−delivered into the vacant store and notified the drive. As per Petro approximately 5 gallons of fuel oil # 2 was spilled inside the store and some oil came outside by the back door of the store. Petro cleaned the outside spill in the back of the store. We were waiting for the manager of the building to open the door of the store for Petro to clean the spill but he never made it.

1/4/16−Zhune spoke to Nick Chronopoulos from Petro. Nick confimed spill cleaned. They got accessed to the store and cleaned the spill.

1/4/16−Nick Chronopoulos from Petro sentthe following spill. Veronica. As you can see there was minimal oil on the floor and we cleaned it up. The picture also shows the fill line is cut and open. If you want to visit the site you have to get there before 4 pm. That is when the construction guys go home.

Based on the email of Nick that spill was cleaned and the pictures show the area of spill cleaned this spill is closed.

Map Identification Number 80 **ROADWAY** **Spill Number: 0010145** **Close Date: 12/18/2000**
96−37 QUEENS BLVD QUEENS, NY TT−Id: 520A−0124−267

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1233 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9637 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE Spiller: UNKNOWN − Unknown Spiller Phone:
DEC Investigator: OKWUOHA Contact for more spill info: JASON SITANGANG Contact Person Phone: (718) 595−6777

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JASON SITANGANG Caller Agency: DEP Caller Phone: (718) 595−6777
Notifier Name: JOHN GAGLIANO Notifier Type: Local Agency Notifier Phone: (917) 769−0483

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/08/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	7.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPEEDY DRY PUT IN PLACE BY FIRE DEPT.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 81 **65−20 BOOTH ST** **Spill Number: 9504462** **Close Date: 07/17/1996**
65−20 BOOTH ST REGO PARK, NY TT−Id: 520A−0129−656

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1320 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6520 BOOTH ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: SMMARTIN Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: MARTINKAT Caller Agency: NYS DEC Caller Phone: (718) 482−4933
Notifier Name: Notifier Type: DEC Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/12/1995		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	10.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPEEDY DRY NEVER CLEANED UP FROM OLD SPILL. OIL SOAKED DEBRIS IN CORNER OF TANK ROOM − HOT WATER PIPE LEAKING ONTO TANK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT

Map Identification Number 82 **COMMERCIAL** **Spill Number: 2203740** **Close Date: 07/29/2022**
65−20 BOOTH STREET REGO PARK, NY TT−Id: 520A−0379−279

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1320 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6520 BOOTH STREET
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ANONYMOUS − UNKNOWN Spiller Phone:
DEC Investigator: VSZHUNE Contact for more spill info: ANONYMOUS Contact Person Phone: (555) 555−5555

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/29/2022		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
ENGINE GREASE	PETROLEUM	0		0		

Caller Remarks:

NO CLEANUP. GREASEY SIDEWALK SLIPPERY OILY.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 83 **64TH RD & QUEENS BLVD** **Spill Number: 9113255** **Close Date: 11/28/1994**
64TH RD & QUEENS BLVD REGO PARK, NY TT−Id: 520A−0138−728

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1325 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 64TH RD / QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: NYCTA Spiller Phone:
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: T SLAUSON Caller Agency: NYCTA Caller Phone: (718) 330−4581
Notifier Name: Notifier Type: Responsible Party Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/30/1992	11/28/1994	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
PCB OIL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

OIL LEAKED FROM CIRCUIT BREAKER TO CONCRETE TO CONCRETE VAULT. SPILL TEAM ENROUTE.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 84 **AT&T REGO PARK** **Spill Number: 9701642** **Close Date: 07/26/2011**
94−03 QUEENS BLVD QUEENS, NY TT−Id: 520A−0129−646

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 1395 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 9403 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: JOHN NIDWESKI − AT&T REGO PARK Spiller Phone: (718) 520−4850
DEC Investigator: SFRAHMAN Contact for more spill info: JOHN NIDWESKI Contact Person Phone: (718) 520−4850

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: ANTHONY MAISANO Caller Agency: EYP Caller Phone: (914) 682−5824
Notifier Name: JEFF HUNT Notifier Type: Local Agency Notifier Phone: (914) 268−6660

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/07/1997		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

SPILL IN THE ANNULAR SPACE − 7 INCHES IN THE SPACE

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was M TIBBE CALLED JEFF HUNT OF ERP, HE SAID HIS TECHNICIAN FOUND 7 IN OF PRODUCT IN THE 2ND CONTAINMENT OF A 25K FO. DOUBLE−WALLED STEEL TANK DURING A ROUTINE INSPECTION OF THE AT&T SITE IN QUEENS.

3/31/09 − Austin − Transferred from Needs Reassignment to Rahman for further work to remeidate and close − end

03/24/10 Performed site visit today. Letter was sent out to (asking relevant spill clean up document) Rayshell Wamsley AT&T 308 South Akard Street Dallas, TX 75202(sr)

04/26/10 Rec'd site investigation work plan prepared by GES.The site is owned by AT&T services and has operated as a microwave/telephone relay station with an office building since the mid 1970s. The site currently contains two abandoned in place, 25,000 gallon #2 fuel oil USTs and two active 25,000 gallon #2 USTs. In addition to the USTs one lube oil AST and one used oil AST are located onsite within the building. In October 1992, two 25,000 gallon USTs were abandoned in place. LNAPL was discovered in the secondary containment of one of the active 25,000 gallon USTs.Armor Shield completed repair and testing of the leaking section of the interstitial lining of the 25,000 gallon UST.TRC conducted an investigation in 1997 to characterize soil and ground water conditions in the vicinity of the abandoned USTs. Ten soil samples and two ground water samples were collected,analytical results showed SVOC exceedances in nine out of ten soil samples. No VOCs exceedances identified in ground water samples.Current investigation plan includes installation of five soil borings around the active and abandoned fuel USTs.(sr)

04/30/10 RAP approval letter was sent out to GES on 04/27/10.(sr)

07/26/11 GES submitted Site Investigation summary Report.Five soil borings and one temp monitoring well were installed on site.Based upon the laboratory analytical data, STARS listed VOCs were below CP−51 in soil samples. VOCs and SVOCS were also non detect in ground water samples.Report in edocs.Case closed.(sr)

Map Identification Number 85 **MH 12102** **Spill Number: 0805404** **Close Date: 09/19/2008**
63RD DR/97TH ST QUEENS, NY TT−Id: 520A−0220−662

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1426 feet to the NE

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

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT DESK − CON EDDISON Spiller Phone:
DEC Investigator: asnagi Contact for more spill info: ERT DESK Contact Person Phone: (212) 580−8383

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/10/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

caller reports spill coming off the 72 hour clock. spill of 2 pints. reported now due to eathen sump found. cleanup in progress. no to five questions. ref #213061.

DEC Investigator Remarks:

9/19/08 − See eDocs for Con Ed report detailing cleanup and closure.

Map Identification Number 86 **VS #5311** **Spill Number: 0603962** **Close Date: 08/15/2006**
ALDERTON STREET & 62 AVENUE QUEENS, NY TT−Id: 520A−0137−463

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 1435 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: ALDERTON ST / 62ND AVE
Revised zip code: 11374

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: ERTS − CON EDISON VS 5311 Spiller Phone: (212) 580−8383
DEC Investigator: GDBREEN Contact for more spill info: ERTS Contact Person Phone: (212) 580−8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/10/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

no to 5 questions: coned # 201023: feeder cant be fixed until its not hot

DEC Investigator Remarks:

08/15/06 − See e−docs for Con Ed report detailing cleanup and closure. 201023. see eDocs.

Map Identification Number 87 **CONDOMINIUM** **Spill Number: 1610076** **Close Date: 02/28/2017**
6536 WETHEROLE ST REGO PARK, NY TT−Id: 520A−0327−568

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (3)
Approximate distance from property: 1489 feet to the ESE

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

Source of Spill: PRIVATE DWELLING Spiller: NIRVA AUGUSTIN − TBD Spiller Phone:
DEC Investigator: TJDEMEO Contact for more spill info: NIRVA AUGUSTIN Contact Person Phone: (347) 553−4017

Category: Investigation indicates there was no spill.
Class: Any Type of RP, Including No RP − DEC Field Response − Corrective Action Not Required or Not Possible

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/03/2017		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	0		0		

Caller Remarks:

caller states her heaters "are leaking oil",apartment also full of asbestos Caller also states management co is selling "oil that they collecting from ground"

DEC Investigator Remarks:

02/03/17−Hiralkumar Patel. alternate address: none

PBS #: 2−321168. as per PBS record, the site has one (1) 3,000 gal #6 oil AST (10% or more below ground), in−service, installed in Oct. 1940.

other spill # 1010399 was reported on 01/05/2011 by FDNY as 20 gal oil spilled from burner during fire. case closed.

6:52 PM:− left message for Nirva Augustin.

Leonard N Jacobs The Moderne Condominium

property owner c/o SLJ Property Management 144−63 35th Avenue, Sutie 1G Flushing, NY 11354 Attn.: Leonard Jacobs PH. (718) 539−2022

9:24 PM:− spoke with Johnny Gjoni (917−337−6730), building super regarding odor complaint from Ms. Augustin. Johnny confirmed that there is no oil spill in building and he has not received any odor complaints from anybody else in the building. Ms. Augustin lives in unit 603 on 6th floor. Johnny stated that Ms. Augustin has reported multiple issues in her apartment, which turn out to be false reports. she has also called different agencies on different matters. Johnny believes Ms. Augustin’s deteriorating health condition is the reason behind her strange behavior.

02/06/17−Hiralkumar Patel. 10:05 AM:− received call from Ms. Augustin. she mentioned that some kind of unknown liquid spilled from heating unit in her apartment. the material spilled into a ’dead space’ between 5th and 6th floor. Ms. Augustin has some pics that she will send for review.

Nirva Augustin Apr. 603 PH. (347) 553−4017 email: nirca@aol.com

1:35 PM:− sent email to Ms. Augustin and asked her to submit available pics. 2:16 PM:− received email from Ms. Augustin including some pics, which don’t show any liquid discharge.

02/23/17−Hiralkumar Patel. 1:16 PM:− spoke with Herman at SLJ Management and informed her about complaint from Ms. Augustin. she mentioned that the site has dual phase burner and currently running on gas. she also stated that Ms. Augustin has called her multiple times since morning today to report no heat in her apartment, but there is no issue with heating system in the building.

DEC DeMeo will inspect the site.

2/23/17 TJD Site inspection. Met onsite with notifier in apartment 603 − she has many complaints regarding aliens occupying her apartment and a magical liquid emanating from the heating radiators and behind her refrigerator that can transform people into insects to avoid detection by homeland security. The notifier produced multiple previous reports of inspections by NYCDOH regarding various related complaints. The notifier states she does not currently smell any petroleum within her apartment. Met onsite with the building super − he provided access to the mechanical room in the basement − 3K AST in basement not leaking. Facility is dual fuel − primary is natural gas. No evidence of a discharge. Spill closed.

Map Identification Number 88 **ATF OFFICE** **Spill Number: 9909644** **Close Date: 12/27/1999**
97−45 QUEENS BLVD QUEENS, NY TT−Id: 520A−0128−015

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1508 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 9745 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: Spiller Phone:
DEC Investigator: COMENALE Contact for more spill info: BOB IRWIN Contact Person Phone: (718) 896−6550

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: BOB IRWIN Caller Agency: ATF Caller Phone: (718) 896−6550
Notifier Name: Notifier Type: Police Department Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/08/1999		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CALLER REPORTING THAT THEY CONFISCATED A GALLON OF GASOLINE THAT WAS IN A 1 GAL GAS CAN AND TRANSFERRED INTO LARGER GAS CAN. REQ SOMEONE TO PICK UP AND DISPOSE OF IT.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 89 **64−85 SAUNDERS ST** **Spill Number: 9504463** **Close Date: 04/01/1996**
64−85 SAUNDERS ST REGO PARK, NY TT−Id: 520A−0126−681

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1509 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6485 SAUNDERS ST
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: Spiller Phone: (212) 560−6400
DEC Investigator: SMMARTIN Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: SANDRA MARTINKAT Caller Agency: NYS DEC Caller Phone: (718) 482−4933
Notifier Name: Notifier Type: DEC Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/12/1995		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL DISCOVERED DURING INSPECTION IN TANK ROOM FLOOR − APPEARS TO FROM BOTTOM OF TANK.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT

Map Identification Number 90 **6357 FITCHETT ST** **Spill Number: 9707380** **Close Date: 09/23/1997**
6357 FITCHETT ST QUEENS, NY TT−Id: 520A−0127−481

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1530 feet to the SSW

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

Source of Spill: PRIVATE DWELLING Spiller: HOWARD ELLMAN − HOWARD ELLMAN Spiller Phone: (718) 672−6641
DEC Investigator: LUCE Contact for more spill info: HOWARD ELLMAN Contact Person Phone: (718) 672−6641

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: PETER LEPORE Caller Agency: WHALECO FUEL Caller Phone: (718) 628−3348
Notifier Name: MARK PEREZ Notifier Type: Other Notifier Phone: (718) 852−7000

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/23/1997		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1.00	GALLONS	1.00	GALLONS	SOIL

Caller Remarks:

CUSTOMER OVER ORDER−CAUGHT BY DRIVER− 1 GAL SPILLED−SOME CONTAMINATED SOIL AT THE SITE SAMPLES TAKEN

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 91 **MANHOLE # 12723** **Spill Number: 0409834** **Close Date: 05/05/2005**
JUNCTION BLVD/62 DRIVE QUEENS, NY TT−Id: 520A−0129−634

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1571 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: JUNCTION BLVD / 62ND DR
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: ERT DESK Contact Person Phone: (212) 580−8383

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: ANDREW MORRISON Caller Agency: CONED Caller Phone: (212) 580−6763
Notifier Name: ANDREW MORRISON Notifier Type: Responsible Party Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/03/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ON 3 GALLONS OF WATER: FOUND AN EARTHER SUMP: NO TO 5 QUESTIONS COPNED # 156448

DEC Investigator Remarks:

e2mis no. 156448:

03−DEC−2004 0054HRS FOD FIELD OPERATOR REPORTS FINDING APPX 1 GAL OF UNK OIL ON APPX 4 GALS OF MUD/WATER MIX, IN MH12723, LOCATED ON W/S JUNCTION BLVD 33’ N/O 62ND DRIVE. NO SEWERS, WATERWAYS AFFECTED, SPILL APPEARS TO BE CONTAINED TO THE STRUCTURE. HE IS UNABLE TO VERIFY ANY SUBSTANTIAL CRACKS IN THE STRUCTURE, AND VISUALIZES A SUMP, BUT CANNOT VERIFY IF IT IS EARTHEN OR CONCRETE AT THIS TIME. ENVIRONMENTAL TAG NO. 42561 WAS PLACED IN THE STRUCTURE, SAMPLE TAKEN FOR PCB’S.

December 03, 2004 5:49 AM Lab Sequence Number: 04−10027−001 − Aroclor 1260 < 1.0 ppm EPA 608/8082

12/3/04 0910HRS J.RUTIGLIANO ENVIR OPPS REPORTS FOUND EARTHEN SUMP IN STRUCTURE.

Update − 12/3/04 1030hrs J. Rutigliano env. ops mech reports double washed structure with 760 biogen. Found earthen sump which was sealed with cement. No leaking co. equipment found. Removed env. stop tag # 42561. Clean up completed 100%., Advised FOD clean up completed and tag removed.

Map Identification Number 92 **62−43 WOODHAVEN BLVD/QUNS** **Spill Number: 8809917** **Close Date: 10/16/1997**
62−43 WOODHAVEN BLVD NEW YORK CITY, NY TT−Id: 520A−0125−420

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1618 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 6243 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: COMPUTERIZED TOMAGRAPHY Spiller Phone:
DEC Investigator: GRAHAM Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: KARL PELEGRINO Caller Agency: EPA Caller Phone: (201) 321−6794
Notifier Name: Notifier Type: Citizen Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/23/1989		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN MATERIAL	OTHER	−1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 93 **65−65 BOOTH ST** **Spill Number: 0313737** **Close Date: 03/16/2006**
65−65 BOOTH REGO PARK, NY TT−Id: 520A−0128−522

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1790 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6565 BOOTH ST
Revised zip code: 11374

Source of Spill: PRIVATE DWELLING Spiller: PRINCETON BOOTH − BENJAMIN SOPKIN Spiller Phone: (718) 830−3700
DEC Investigator: rmpiper Contact for more spill info: PRINCETON BOOTH Contact Person Phone: (718) 830−3700

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: SARAH NIKOLIC Caller Agency: Caller Phone: (718) 459−2587
Notifier Name: SARAH NIKOLIC Notifier Type: Other Notifier Phone: (718) 459−2587

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/15/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	0	POUNDS	0	POUNDS	GROUNDWATER

Caller Remarks:

constant leak from pipe ouside apartment building and going onto ground, strong odor

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 12/12/05− DEC Piper left message w/ Sarah Nicolic requesting callback. Sara later called back and stated that the area is roughly 2' wide by 10' long. Spoke w/ bldg super, Ben. As per conversation, he will need some time (1 mos) to dig up info. 2/9/06− DEC Piper reviewed closure request. As per report, spill was due to a bas gasket on manway and has been repaired and cleaned. Need to look into plumbing. As seen in the picture, it appears that the vent line is tied into sewer vent. Upon calling Princeton Booth Co. to inquire about discrepancy in PBS FIR, woman on phone was uncooperative and would not give out Super's name and number. I explained to the woman that I am w/ the NYSDEC and we regulate the tank in the basement. She again stated no. DEC Piper to inspect site and system and refer to ECO's if non−compliant. DEC Piper onsite 1700 hrs. Outside the vent and fill port had staining. Poor Housekeeping. Inside the tank system and boiler showed good housekeeping, though poor book keeping. As per the super the boiler was replaced to a #4 oil burner some time ago(does not know when). They are in violation of PBS codes. (no updated FIR, poor housekeeping.) 3/16/06− small smill that has been adressed. however PBS violations exist. This spill closed however facility referrred to PBS for action.

Map Identification Number 94 **MAHOLE 12860** **Spill Number: 0404411** **Close Date: 10/08/2004**
65−65 WETHEROLE ST QUEENS, NY TT−Id: 520A−0131−933

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1809 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 6565 WETHEROLE ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:
DEC Investigator: SKARAKHA Contact for more spill info: ERT DESK Contact Person Phone: (212) 580−8383

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: CHRIS SHIKARIVES Caller Agency: CON ED Caller Phone: (212) 580−6763
Notifier Name: MR. REEDY Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/23/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 GALLON OIL ON 100 GALS OF WATER. NO TO ALL 5 QUESTIONS.

DEC Investigator Remarks:

E2MIS NO 154498

SONTAG REPROTS FINDING APPROX 1 GAL OF AN UNKNOWN OIL ON APPROX 100 GALS OF WATER. NO SEWER CONNECTIONS. NO EARTHEN SUMP. PCB SAMPLE TAKEN.

LAB SEQ# 04−05798−001: < 1.0 PPM

UPDATE 7/30/04 10:55 HRS W. LONG ENV OPS REPORTS STRUCTURE WAS DOUBLE WASHED WITH BIO−GEN 760, A SEALED SUMP WAS FOUND, ENV TAG#43672 WAS REMOVED, AND CLEAN UP IS COMPLETE.

Map Identification Number 95 **MANHOLE # 14019** **Spill Number: 0407363** **Close Date: 12/24/2004**
WOODHAVEN BLVD/63 AVE QUEENS, NY TT−Id: 520A−0122−127

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1830 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: WOODHAVEN BLVD / 63RD AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: PAUL DIDONATO Caller Agency: CONED Caller Phone: (212) 580−6764
Notifier Name: MR DONATONE Notifier Type: Local Agency Notifier Phone: (212) 580−8383

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/01/2004		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SURFACE WATER

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

e2mis no. 155644:

10/1/04 21:15 HRS T. BULLEN #17094 FOD REPORTS FINDING APPROX 1 PT OF UNKNOWN OIL ON APPROX 500 GAL OF WATER IN M14019. THE SOURCE AND CAUSE OF THE SPILL IS UNKNOWN. THE EXISTANCE OF ANY SEWER CONNECTIONS, SUMPS, OR SUBSTANTIAL CRACKS COULD NOT BE VERIFIED AT THIS TIME, AND THE STANDING WATER HAD NO MOVEMENT. ONE LIQUID SAMPLE TAKEN ON E PRIORITY FOR PCB ANALYSIS. CLEAN UP IS TO BEGIN AS 50−499 PER SHIFT MGR.

Lab Sequence Number: 04−07897−001 Date Approved: 10/02/2004 PCB <1 ppm.

10/2/04 0945HRS STUBBS ENVIR OPPS REPORTS FOUND EARTHEN SUMP IN STRUCTURE WILL SEAL SUMP WITH CEMENT.

10/2/04 1110HRS STUBBS REPORTS CLEANUP COMPLETED DOULBED WASHED STRUCTURE USING BIO−GEN 760. CEMENTED EARTHEN SUMP. FOUND BLOWN JOINT WRAPPED IN PLASTIC. PLACED NEW ENVIR TAG#43696 .OLD TAG LOST. ENVIR TAG WILL BE PULLED PENDING REMOVAL OF JOINT.

03−OCT−2004 0157HRS JOINT WAS CUT OUT OF STRUCTURE BY UNDERGROUND. TAG # 43696 REMOVED JOB COMPLETE 100%

Map Identification Number 96 **MANHOLE 8974** **Spill Number: 0102665** **Close Date: 06/12/2003**
WOODHAVEN BLVD & 63 AVE QUEENS, NY TT−Id: 520A−0122−074

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1830 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: WOODHAVEN BLVD / 63RD AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: SCHLAGEL Caller Agency: CON EDISON Caller Phone: (212) 580−6765
Notifier Name: PACE Notifier Type: Local Agency Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/10/2001		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL
DIELECTRIC FLUID	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

cleanup currently in progress. coned #137568 urthen sump present. sample shows less than 1 ppm. 250 gallons of water in hole.
no fire smoke, sewers or waterways.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL E2MIS 137568

6−10−01 22:40HRS P. GENOVESE (FOD) REPORTS, FOUND TWO QUARTS OF UNKNOWN OIL ON 250 GALLONS OF WATER IN MH 8974. AT THIS TIME OIL APPEARS TO BE CONTAINED AND NO SEWERS OR WATERWAYS WERE AFFECTED. NO FIRE WAS INVOLVED AND NO PRIVATE PROPERTY WAS INVOLVED. OIL WAS DISCOVERED WHILE WORKING ON FEEDER 6Q34. ENV STOP TAG# 22553 WAS PLACED AND NO OTHER FILLED EQUIPMENT IN STRUCTURE THAT CAN BE VERIFIED BECAUSE OF THE AMOUNT OF WATER. ALSO CAN NOT VERIFY IF SEWER CONNECTIONS OR SUMP IS AVAILABLE. ONE LIQUID SAMPLE TAKEN ON A 4−6HR TURNAROUND, AND WILL BE CONSIDERED A 24HR DIMINIMUS CLEANUP. THIS ALSO WILL BE TREATED AS A 50−499 CLEANUP BECAUSE THIS FEEDER IS A O.A. S.PACE 49874. UPDATE********** 22:58HRS CIG WAS NOTIFIED. S.PACE 49874. UPDATE********** 22:55HRS SAMPLE ARRIVED AT CHEM LAB. S.PACE 49874. UPDATE**********23:00HRS EPA# NYP 004 084 372. S.PACE 49874 UPDATE********** 04:00HRS R. WALTERS (ENV OPS SUPERVISOR) REPORTS, ENV OPS CREW MR. RUSSO, MR. COTSIFAS AND MR. AHLUWALIA USED OVER 50 TANKER TO REMOVE 680 GALLONS OF WATER FROM STRUCTURE. NO SOLID DEBRIS FOUND IN STRUCTURE. WASHED STRUCTURE FROM TOP WITH BIO GEN 760. THERE IS AN EARTHEN SUMP IN STRUCTURE WHICH CAN NOT BE SAMPLED AT THIS TIME UNTIL BLOWN FEEDER JOINT IS MARKED UP IN THE MORNING. NO SOLID WASTE WAS GENERATED FROM THIS CLEANUP. ENV OPS WILL RETURN TO TAKE NECESSARY SUMP SAMPLE AND SEAL SUMP WITH CONCRETE. TAG LEFT IN PLACE PENDING RESULTS. STATUS CHANGED DUE TO EARTHERN SUMP . S.PACE 49874. UPDATE********** 0541HRS CIG WAS NOTIFIED. S.PACE 49874. UPDATE********** 05:08HRS LAB SEQ# 01−06403−001 <1.0 PPM. S.PACE 49874. UPDATE**********

Update − 6/11/01 1130hrs − B. Bamonte OS Env. Ops reports M. Knox & A. Stubbs took earthen sample from sump and cemented same as of 1015hrs. Removed env. stop tag # 22553. Incident closed.

UPDATE: 8/21/01 1105 HRS. −− D.FAZIER UNDERGROUND SPLICING CUT AND REMOVED BLOWN JOINT, ON FEEDER BURNOUT 6Q34, FROM M.# 8974 ON 6/11/01 AT APPROXIMATELY 1720 HOURS. R.M.D. 08584.

Map Identification Number 97 **MANHOLE #8111** **Spill Number: 0202680** **Close Date: 06/13/2002**
ELLIOT AV / WETHEROLE ST QUEENS, NY TT−Id: 520A−0129−663

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1845 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: ELIOT AVE / WETHEROLE ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:
DEC Investigator: KMFOLEY Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: ANDREW MORRIS Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: WAINRIGHT Notifier Type: Affected Persons Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/12/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1/2GAL UNK OIL ON 1000GAL OF WATER − CONTAINED − CASE #143308

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY Con Ed e2mis #143308:

6/12/01 09:45 HRS. G. MOSCICKI #14089 OF UNDERGROUND REPORTS WHILE ON LOCATION FOR PRE−INSPECTION OF 6Q30 FEEDER WORK AT 09:20 HRS. FOUND APPROX. 1/2 GAL. UNKNOWN OIL ON APPROX. 1000 GAL. WATER IN MH−8111. SPILL APPEARS TO CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE OR SMOKE INVOLVED. ENV. STOP TAG #26736 PLACED. LIQUID SAMPLE TAKEN ON E PRIORITY TURNAROUND. CHAIN OF CUSTODY FORM # CC−00777 MARKED FOR D.E.C. 24−HOUR DEMINIMIS PROGRAM. CLEANUP PENDING PCB RESULTS FROM CHEM LAB. PARKING RESTRICTIONS: N/A, LOCATED AT CORNER.

6/12/02 10:09 HRS. −− NOTIFIED C. McCARTHY OF CIG.

UPDATE* 17:40HRS LAB SEQ# 02−05454−001 1 PPM.

UPDATE 6/12/02 23:35 HRS. −− R. WALTER, O.S. QUEENS ENV. OPS. REPORTS THIS STRUCTURE IS A WATER HOLE AND TANKER WILL BE NEEDED. CENTRAL FIELD SERVICES INFORMED HIM NO TANKER AVAILABLE UNTIL 7AM SHIFT. AS PER SUPERVISOR E.VESCE, I REMOVED THIS INCIDENT FROM THE 24−HOUR DEMINIMIS PROGRAM BECAUSE IT CANNOT BE COMPLETED BEFORE 09:20 HRS. DUE TO TANKER AVAILABILITY.

UPDATE 6/12/02 23:48 HRS. −− NOTIFIED A. MORRIS OF CIG. AS PER HIS REQUEST, I AM ADDING THE FOLLOWING UPDATES (BASED ON HAND−WRITTEN INCIDENT REPORT FILLED OUT AT 09:45 HRS. THIS MORNING): 1) NO INJURIES RELATED TO SPILL. 2) NO VISIBLE CRACKS IN STRUCTURE. 3) NO VISUAL WATER MOVEMENT.

6−13−02 11:00HRS R, LACASSE (ENV OPS) DOUBLE WASHED STRUCTURE WITH BIO GEN 760 SEALED SUMP AND PULLED TAG# 26736. JOB IS 100% COMPLETED.

Map Identification Number 98 **100 GAL FROM XFMR # 6540** **Spill Number: 0611207** **Close Date: 02/16/2007**
64 ROAD & BOELSEN CRESENT QUEENS, NY TT−Id: 520A−0133−602

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1856 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 64TH RD / BOELSEN CIR
Revised zip code: 11374

Source of Spill: UNKNOWN Spiller: Con Edison Spiller Phone:
DEC Investigator: GDBREEN Contact for more spill info: ERTS Contact Person Phone: (212) 580−8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/08/2007		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

100 GALLONS UNKOWN OIL, 100 GALLONS WATER; CONTAINED IN MANHOLE; SOUTH 64TH AND 34 FEET WEST OF BOELSENCRES; CLEAN UP PENDING LAB RESULTS;

203972

DEC Investigator Remarks:

02/16/07 − See e−docs for Con Ed report detailing cleanup and closure. 203972. see eDocs

Map Identification Number 99 **MANHOLE #5613** **Spill Number: 0209784** **Close Date: 12/27/2002**
63RD DR/EVERETON ST QUEENS, NY TT−Id: 520A−0137−406

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 1870 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 63RD DR/EVERTON ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: KMFOLEY Contact for more spill info: ANDREW MORRIS Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: ANDREW MORRIS Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: MR TOJERIA Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/24/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

AMOUNT REPORTED AS 1 QUART ON TOP OF 30 GALLONS OF WATER IN MANHOLE. SAMPLE HAS BEEN TAKEN AND CLEANUP IS IN PROGESS AT TIME OF CALL. CON ED #146473.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY Con Ed e2mis #146473:

12/24/02 − 0855 P. CONTI − 14938 − U.G., WHILE DOING MAINTENANCE WORK ON FDR 6Q32, REPORTS FINDING APPROX 1 QT OF AN UNKNOWN OIL ON APPROX 30 GALS OF WATER IN MH5613. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO SPILL. NO PRIVATE PROPERTY AFFECTED. TAG # 00456 PLACED IN STRUCTURE. NO MOVEMENT IN THE WATER. NO

SUBSTANTIAL CRACKS IN THE STRUCTURE. NO SEWER CONNECTIONS. CANNOT VERIFY IF THERE IS AN EARTHEN SUMP. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # BB07499 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. CLEANUP PENDING LAB RESULT.

Lab Sequence Number: 02−11984−0001 Aroclor 1260 < 1.0 ppm EPA 608/8082

UPDATE: 24 DEC−2002 1740HRS ROSADO REPORTS FOUND EARTHEN SUMP. WILL TAKE OFF 24 HOUR CLOCK CIG MORRIS NOTIFIED @ 1814HRS

24−DEC−2002 1820HRS GEOGGIANNI ENVIROMENTAL OPS REPORTS DOUBLE WASHED WITH BIO GEN 760. REMOVED ALL LIQUIDS. SEALED SUMP WITH CEMENT. REMOVED TAG.

Map Identification Number 100 **SERVICE BOX 37404** **Spill Number: 0608801** **Close Date: 12/21/2006**
92−42 QUEENS BLVD REGO PARK, NY TT−Id: 520A−0122−538

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1890 feet to the NNW

ADDRESS CHANGE INFORMATION
Revised street: 9242 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER Spiller: CON EDISON Spiller Phone: ( ) −
DEC Investigator: GDBREEN Contact for more spill info: ERTS Contact Person Phone: (212) 580−8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/31/2006		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	12.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

5 GALLONS OF WATER; IT'S CONTAINED AND CLEAN UP IS PENDING CREW AVAILABILITY;

203117

DEC Investigator Remarks:

12/21/06 − See e−docs for Con Ed report detailing cleanup and closure. 203117. see eDocs

Map Identification Number 101 **MOBIL 10941** **Spill Number: 0911512** **Close Date: 09/30/2016**
61−60 WOODHAVEN BLVD REGO PARK, NY TT−Id: 520A−0248−894

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1937 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 6160 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: GRETCHEN BAUTCH − MOBIL 10941 Spiller Phone:
DEC Investigator: SXAHMED Contact for more spill info: GRETCHEN BAUTCH Contact Person Phone: (508) 579−7522

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/26/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0		0		SOIL, GROUNDWATER

Caller Remarks:

sheen on ground water; unknown source

DEC Investigator Remarks:

07/07/10 Report reviewed by Intern Ryan farrell. SAR prepared by (Environmental Resolutions, Inc.−Gretchen Thatch/Keith Gilbert−(949)−457−8950) March 11, 2010 for ExxonMobil Environmental Services Company, Fairfax, VA.

Location of interest: ExxonMobil Station No.10941/17GYC 61−60 Woodhaven Boulevard Rego Park, NY

ERI (listed above) evaluated recognized environmental conditions (REC) conducted in 12/08 by Roux Associates, Inc. Retail petroleum station with convenience store/auto service station. Dry Harbor Rd (north & west), Woodhaven Blvd (east), and a retirement home (south) with a funeral home further north beyond Dry Harbor, a convent further west beyond Dry Harbor, and multi−family residential housing further east beyond Woodhaven. Located in the LI Coastal Lowlands, situated on top of Raritan Formation rock. Ground surface elevation is about 69´ above sea level, groundwater found at depths of 45−49´bgs, radially

divergent flow determined. Four tank field observation wells are monitoring points, located at the corners of the tank field.

RAI (above) reported (1) public water−supply well within 1 mile of the property. REC´s include (5) current 4,000 gal USTs with piping and dispensing units, current 1,000 gal heating oil UST and (1) 250 gal used−oil AST, (6) closed USTs and (1) converted to no−regulated use, as well as (1) former 1,000 gal waste oil UST based on an EDR report. Historic use of property as a service/filling station dating back to at least 1932, Three in−ground hydraulic lifts currently used, and location of property is potentially downgradient from sources of off−site soil and groundwater contamination.

Three previous spill cases: NYSDEC #8909178 (tank test failure of a fuel oil tank) ˇ opened 12/12/89 ˇ closed 10/2/92, NYSDEC #0111247 (tank test failure of a fuel oil tank) ˇ opened 2/26/02 ˇ closed 5/21/02 (meter line plugged, tank passed retest), and NYSDEC #0800147 (premium UST spill bucket failed annual hydrostatic inspection test..no release reported to have occurred) (location unknown) ˇ opened 4/3/08 ˇ closed 8/11/08.

ERI began Phase II ESA on 11/10/09 with site−wide GPR survey. Two soil borings were advanced and (6) monitoring wells were installed. Results of soil sample analysis included:

Chromium detected in B1 (23.3 mg/kg) Chromium detected in B2 and MW7 (14.9 mg/kg and 17.4 mg/kg respectively) Chromium detected in MW8 (13.4 mg/kg)

On 1/26/2010 groundwater samples were collected and analyzed. A sheen was observed on well MW1. Three (3) of (4) tank field observation wells (TF1−TF3) were gauged on 1/26/2010. They were all dry with no presence of LPH. Tank field 4 (TF4) was deemed inaccessible at the time. Results of groundwater sample analysis included:

E & X detected from MW1 (221 ppb & 267 ppb respectively), B, T, & X from MW2 (7.0ppb, 6.4ppb, & 5.0ppb respectively), BTEX from MW3 (52.2ppb, 17000ppb, 6330ppb, & 40500ppb respectively). Other VOCs & SVOCs included n−ButB, sec−ButB, IPB, p−IPT, Naphthalene, n−PB, 1,2,4−TMB, & 1,3,5−TMB (161ppb, 66.4ppb, 189ppb, 34.7ppb,152ppb, 677ppb, 3000ppb, & 642ppb respectively) detected from MW1, from MW2 1,2,4−TMB & 1,3,5−TMB (12.8ppb, & 14.0ppb respectively), and from MW3 n−ButB, sec−ButB, IPB, p−IPT, Naphthalene, n−PB, 1,2,4−TMB, & 1,3,5−TMB (120ppb, 27.3ppb, 168ppb, 14.6ppb, 959ppb, 503ppb, 6240ppb, 1680ppb respectively) As, Ba, & Cr detected from MW4 (47.4ppb, 3140ppb, & 313ppb respectively) As, Ba, & Cr detected from MW7 (51.3ppb, 6850ppb, & 403ppb respectively) BTEX from MW8 (10.7ppb, 10300ppb, 3890ppb, & 24400ppb respectively). Other VOCs & SVOCs included n−ButB, sec−ButB, IPB, p−IPT, Naphthalene, n−PB, 1,2,4−TMB, & 1,3,5−TMB (118ppb, 24.8ppb, 225ppb, 15.3ppb, 1320ppb, 497ppb, 4390ppb, & 1160ppb respectively) detected from MW8. As, Ba, Cd & Cr detected from MW8 (39.2ppb, 2980ppb, 5.2ppb & 329ppb respectively)

11/23/2010: Spill is assigned on October 2010 from Region 2. Couples of reports are in the UIS and will review soon. S. Ahmed

01/26/2011: This is a new spill received from Region 2. Couples of reports are in the UIS and in under review. S. Ahmed

02/11/2011: Reviewed the Nov22 2010 SSUR. This is a new spill received from Region 2. Based on the high level of BTEX conc in gw, and review of consecutive 3 quarters data, it appears that the plume is migrating off−site. Requested to submit a SSWIP by Mar 31, 2011. S. Ahmed

04/08/2011: Reviewed the Mar 31, 2011 SSUR and SSIWP. Proposed for installation of 2 MWs 60 ft deep to delineate the plume. Over 23 ppm still on−site. SSIWP approved with contingent upon min. of 15 ft screen and all MWs needs to surveyed once new wells will be completed. S. Ahmed

07/25/2011: Per approved SSIWP, installation of two new MW's inititaed on June 14, 2011. One MW was installled but due to ongoing construction activities near the other MW location, installation date will be rescheduled. S. Ahmed

08/26/2011: SSUR dated 8/25/11 reviewed. Per approved SSIWP, one MW has installaed during April 2011 and due to temp obstrauction at the proposed location for 2nd well, installation activities has tentatively rescheduled for Sep 12−13, 2011. S. Ahmed

12/27/2011: SSUR dated 11/22/11 reviewed. LPH was not detected in any wells. Per approved SSIWP, due to temporary obstruction one off−site MW (MW−10) could not completed yet. Groundwater gauging and sampling will continue on a quarterly basis. S. Ahmed

01/25/2012: SSUR dated 11/22/11 reviewed. LPH was not detected in any wells. Per approved SSIWP, remaining proposed off−site MW (MW−10)has been installed. Groundwater gauging and sampling will continue on a quarterly basis. S. Ahmed

02/24/2012: SSUR dated 2/14/12 reviewed. LPH was not detected in any wells. Per approved SSIWP, remaining proposed off−site MW−10has been installed. All site related MW's also have been surveyed. Groundwater gauging and sampling will continue on a quarterly basis. S. Ahmed

05/29/2012: SSUR dated 5/11/12 reviewed. Per recent GW data it apperars that delineation of the site seems complete. However the source of contamination has yet not been identified. The site need more on−site investigation. Also the level of conc is very high and so the site need an consent order and a CAP. S. Ahmed

08/13/2012: SSUR & SSIWP dated 7/31/12 reviewed. To identify the source of contamination SSIWP proposes 3 soil boring near the USTs and dispenser island. Approved with contingent to include an additional soil boring. CAP is approved and forwarded to OGC for initiating a CO. S. Ahmed

11/28/2012: Per approved SSIWP four on−site boring have been completed. The department received the executed Consent Order on October 16, 2012 and uploaded in the edocs. S. Ahmed.

01/25/2013: SSUR & SSIR dated 12/31/12 reviewed. Four soil boring advanced on−site. Source area could not be identified. Groundwater contamination is believed to be historical. LPH was not detected in any well during this quarter . Consultant will address the remedial work plan in the next SSUR. S. Ahmed

05/14/2013: RAWP and SSUR dated 4/29/13 and 5/9/13 reviewed. Based on geochemical data ARCADIS proposes MNA as an alternative remedial option. Only MNA is not acceptable at this time. Requested to submit a revised RAWP proposing an additional remdial technology to enhaence the biodegradation. S. Ahmed

07/24/2013: RAWP and SSUR dated 4/29/13 and 5/9/13 reviewed. Based on geochemical data only MNA proposed which is not acceptable at this time. Conducted conference call with ARCADIS personnel and explained why implementation of an additional remedial technology warranted. Rrevised RAWP by requested by August 16, 2013. S. Ahmed

08/28/2013: SSUR dated 8/20/13 reviewed. LPH was not detected in any wells. BTEX concentration in three on−site wells increased from previous sampling. MTBE was non−detect for all wells. Revised Remedial Action Plan is expecting soon. S. Ahmed

11/25/2013: SSUR dated 11/19/13 reviewed. LPH was not detected in any wells. BTEX concentrations in three on−site wells decreased from previous sampling event. MTBE was non−detect for all wells. Per revised Remedial Action Plan ORC socks will be

deployed in four on−site wells. S. Ahmed

02/13/2014: SSUR dated 2/3/14 reviewed. LPH was not detected in any wells. ORC socks put in 4 wells. BTEX concentrations in two wells increased. MTBE was non−detect for all wells. Dissolved oxygen (DO) was not available. Requested to measure DO during every sampling event. S. Ahmed

05/16/2014: SSUR dated 4/29/14 reviewed. ORC socks deployed in 4 wells (MW−2, 3, 8 and 10) and will remain deployed. Dissolved oxygen (DO) data indicates that near anoxic conditions were present within the plume. Reduced DO is likely a result of enhanced aerobic microbial degradation. S. Ahmed

08/28/2014: SSUR dated 8/6/14 reviewed. ORC socks deployed in 4 wells (MW−2, 3, 8 and 9) and will remain deployed. No Dissolved Oxygen (DO) data collected during last quarter. Requested collect DO data next time. Overall BTEX concentrations appeared following decreasing trend. S. Ahmed

11/14/2014: SSUR dated 11/3/14 reviewed. ORC socks deployed in 4 wells (MW−2, 3, 8 and 9) and will remain deployed. MNA parameters are indicative of natural attenuation. MW−8 has still over 12 ppm of BTEX. Overall BTEX concentrations appeared following decreasing trend. S. Ahmed

03/06/2015: SSUR dated 1/29/15 reviewed. ORC socks deployed in 4 wells (MW−2, 3, 8 and 9) which are still in place. Requested to continue monitoring of dissolve oxygen (DO) in all wells if needed replace the ORC socks. MNA parameters are indicative of natural attenuation. S. Ahmed

03/25/2015: SSUR dated 1/29/15 reviewed. ORC socks deployed in 4 wells (MW−2, 3, 8 and 9) Conducted meeting with the consultant (ARCADIS). Plume is stable. Requested prepare justification for inactivation of the spill and also to prepare receptor evaluation report. S. Ahmed

06/24/2015: May 2015 Receptor Evaluation Report reviewed. Some degree of monitored natural attenuation is going on and plume appears stable. Only one monitoring well (MW−8) still detected very high concentrations of BTEX (8,767 ppb). requested to continue monitoring twice a year. S. Ahmed

08/10/2015: SSUR dated 8/7/15 reviewed. ORC socks deployed in 4 wells (MW−2, 3, 8 and 9) and will remain in place. Concentrations of BTEX are still high in two wells (over 2 ppm). Groundwater monitoring will continue semi−annually. MNA parameters monitor will also continue. S. Ahmed

02/08/2016: SSUR dated 2/1/16 reviewed. ORC socks still remains in 4 wells (MW−2, 3, 8 and 9). Concentrations of BTEX in all MW's went down. Highest concentrations detected in MW−8 (1,145 ppb). Groundwater monitoring will continue semi−annually. S. Ahmed

03/08/2016: Conducted meeting with consultant (ARCADIS) and also reviewed SSUR dated 2/1/16. ORC socks removed from all on−site MW's. Concentrations of dissolve oxygen looks favorable for MNA. Highest BTEX concentration in one well around 1 ppm. If trend continues then this spill may be inactivated soon. S. Ahmed

09/30/2016: August 2016 Receptor Evaluation Report Update which also contains the latest round of groundwater data (06/30/2016) reviewed. Consultant requests closure of this spill. The Department reviewed all available data including documents and concluded that based on the Guidelines for Petroleum Spill Site Inactivation, this spill met criteria for 'Site Inactivation . Following are basis for inactivation:

1. Based on the 06/30/2016 groundwater monitoring data highest BTEX concentrations detected in MW−8 as 3,813 ppb which is still little elevated. Benzene was non−detect, toluene−13 ppb, ethylbenzene−1100 ppb and xylene−2,700 ppb. In 2010 highest BTEX concentrations were 38,601 ppb.

2. Plume delineation completed. It appeared that the plume is stable and not moving off−site. From the beginning of groundwater monitoring (2010) only three monitoring wells detected petroleum contaminations. It is evident that due to ongoing MNA process BTEX concentrations gradually going down (in 2010− concentration of BTEX were 63,882 ppb and in 2016 concentrations went down to 3,813 ppb).

3. Based on the review of MNA (monitored natural attenuation) data it appears MNA is actively ongoing. Overall BTEX contaminations in these three wells looks gradually decreasing (decreasing trend).

4. Potential on− and off−site receptors and potential exposure pathways have been evaluated for contaminant of concerns. Soil does not represent a complete exposure pathway because the entire site is paved.

5. The depth to groundwater measured in monitoring wells on site is approximately 45 to 49 feet below grade surface. Site groundwater is not used as a potable source, therefore, groundwater does not represent a complete pathway for direct contact.

6. It is evident that groundwater quality will continue to improve through ongoing natural attenuation processes.

7. Based on the section 5 of `guidelines for petroleum spill site inactivation´ this spill site met the criteria for issuance of Inactivation letter. Because ˆthough standards were not met but Steps one, two and four are satisfied˜.

8. Spill Inactivation letter issued on 9/30/2016.

S.Ahmed

Map Identification Number 102 **SERVICE BOX 6505** **Spill Number: 1112274** **Close Date: 02/07/2012**
65−84 AUSTIN ST QUEENS, NY TT−Id: 520A−0271−665

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1945 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 6584 AUSTIN ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT − CON ED Spiller Phone:
DEC Investigator: RWAUSTIN Contact for more spill info: ERT Contact Person Phone: (212) 580−8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/23/2012		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0.13	GALLONS	0.00	GALLONS	

Caller Remarks:

1 pint of gasoline mixed with foam got into the service box ffrom a fire that FDNY was putting out.

DEC Investigator Remarks:

2/7/12 − Austin − FDNY responded to a car fire at this location, and used foam to extinguish the fire − Gasoline and some of the FF foam entered a Con Ed service box, and caused an explosion − Con Ed contained and cleaned up the spill in the box, and the FDNY arranged to have the car drained of fuel and towed away − See eDocs files for further info − Spill closed − end

Map Identification Number 103 **98−28 QUEENS BLVD** **Spill Number: 9302877** **Close Date: 05/14/2008**
98−28 QUEENS BLVD QUEENS, NY TT−Id: 520A−0126−052

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1959 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 9828 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: BUDGET RENT A CAR Spiller Phone:
DEC Investigator: WXSUN Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: KINT BABCOCK Caller Agency: ENVIR VISION Caller Phone: (914) 268−6660
Notifier Name: Notifier Type: Other Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/02/1993		OTHER	YES	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

REMOVAL OF US AND CONTAMINATED SOIL 2000 GASOLINE TO BE REPLACED BY 2 NEW TANKS STOCKPILED.

DEC Investigator Remarks:

305069

researched all info on spill report and could not find new contact info. this may require a site visit.

11/02/06 Reassigned to Sun.(MS)

11/28/06 Sun sent letter to Auto Brokers Corp, 10848 68th Ave, on 11/27/06 requiring that the following be submitted to the NYSDEC by 12/27/06:

1. Tank closure assessment report. 2. Locations of tank and/or line test failure. 3. Subsurface investigation report, including current and historical soil and groundwater analysis. 4. Surrounding property sketch: A surrounding property sketch including property layout and usage must be submitted to NYSDEC. North arrow and scale must also be included on the site plan. If no tank closure report was prepared or no subsurface investigation was conducted before, the Department requires the following be performed and submitted: 1. Submission of a Tank Closure & Site Assessment Including Soil and Groundwater Investigation Results. (JS/MS)

12/27/06: Received package from RP however only manifest documents were enclosed. Left message with RP to send full report.

4/27/07: Called Barbara Neary (386) 238−7035 and left another message to send full TCR report. (JS/MS)

8/1/07: Mrs. Neary is on vacation and will return call by end of 8/2007. (JS/MS)

10/16/07: MS spoke to B. Neary who was under theimpression that the spill had been closed. She stated that environmental company and someone from DEC had told her all required work had been successfully completed. I explained about sampling procedures during tank removal and documents she submitted did not include any lab analysis on soil or groundwater. She is to call American Environmental and have them call me. (JS/MS)

10/23/07: MS spoke to Dan Hirschberger of AE on 10/22/07. He will submit a site map with proposed sample locations and then perform investigation. (JS/MS)

3/17/08: MM sent reminder email to B. Neary re: status of site. Has til 3/24/08. (JS/MM)

4/15/08: Second reminder email sent to Barbara Neary. Phone call to follow up. (JS/MM)

5/5/08: Spoke to Barbara Neary. Basin Street Partners no longer has a lease with the property. Trying to get access. Has not officially retained AMC Engineering to perform SIR. (JS/MM)

5/14/08: Received faxes 1) written portion, 2) lab analyticals, and 3) figures/maps. No groundwater sample; soil samples all ND. NFA issued. (JS/MM)

Map Identification Number 104 **SIDEWALK** **Spill Number: 1704144** **Close Date: 07/27/2017**
61−35 JUNCTION BLVD QUEENS, NY TT−Id: 520A−0332−798

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2037 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 6135 JUNCTION BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: NATHANS HOT DOG VENDOR Spiller Phone:
DEC Investigator: HRPATEL Contact for more spill info: BRET Contact Person Phone: (718) 275−1063

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/26/2017		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
COOKING GREASE	OTHER	0		0		

Caller Remarks:

spill is contained to the pavement, owner of the property is looking for help rectifying this issue

DEC Investigator Remarks:

07/27/17−Hiralkumar Patel. 1:28 PM:− spoke with Bret. he mentioned that hot dog truck has spilled cooking grease on sidewalk. as product being non−petroleum, suggested him to call 311.

case closed.

Map Identification Number 105 **MANHOLE #13646** **Spill Number: 0210639** **Close Date: 02/26/2003**
WOODHAVEN BL & PENELOPE A QUEENS, NY TT−Id: 520A−0131−924

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2058 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: WOODHAVEN BLVD / PENELOPE AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: AERODRIG Contact for more spill info: KEVIN MCCARDLE Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: KEVIN MCCARDLE Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: MS NEVILLE Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/22/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

1 quart on 100 gals of water was going to be cleaned in 24hrs now it isn't ref#146870

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was RODRIGUEZ E2MIS NOTES 146870

1−22−03 1225 HRS E. KAUFMANN # 18860 SPLICER UG REPORTS WHILE INSPCTING MH13646 W/S WOODHAVEN BLVD 31' N/O PENELOPE AVE FOR JOINT REGULATOR TANK, HE FOUND APPROX 1 QUART UNKNOWN OIL ON 100 GALLON WATER. THE JOINT REGULATOR TANK HAD BEEN REMOVED WHICH WENT TO A TEE JOINT. TUBING TO JOINT WAS NOT LEAKING. BECAUSE THIS TANK WENT TO A TEE JOINT AND IS NOT BEING FED BY OIL THIS IS A C−FAULT. THIS STRUCTURE IS SAFE TO WORK WHEN SAMPLE RESULTS COME BACK AS PER SHIFT MGR K. SUDOL. THERE WAS NO FIRE OR SMOKE AT THIS LOCATION. NO PRIVATE PROPERTY AFFECTED. NO INJURIES. HE DOES NOT SEE A SEWER CONNECTION OR SUMP AT THIS TIME. LIQUID SEEMS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. HE TOOK A LIQUID SAMPLE AND REQUESTED EMERG PRIORITY FOR PCB SAMPLE RESULTS. CLEANUP PENDING SAMPLE RESULT. CHAIN OF CUSTODY # BB09630. HE PLACED E.S.TAG # 26846. METER PARKING . CIG K. MCARDLE NOTIFIED 1308 HRS

LAB RESULT RECEIVED 1/22/03 − 2216. 03−00596. <1.0 PPM. TJ − 50495

Update − 1/23/03 − 0910hrs R. Lacasse, env. ops reports while cleaning structure found an earthen sump. Removing job from 24 hr program.

Update − 1/23/03 1040hrs R. Lacasse env. ops reports double washed structure with biogen 760. Sealed earthen sump with cement. Removed env. stop tag 26846. No leaking co. equipment found. Clean up completed 100%.

Map Identification Number 106 **NEW CONSTRUCTION SITE** **Spill Number: 9811269** **Close Date: 03/03/1999**
AUSTIN ST AND 66TH AVE REGO PARK, NY TT−Id: 520A−0123−880

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2063 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: AUSTIN ST / 66TH AVE
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN − Unknown Spiller Phone:
DEC Investigator: TOMASELLO Contact for more spill info: LES BLUESTONE Contact Person Phone: (718) 264−1420

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: LES BLUESTONE Caller Agency: BANTA HOMES CORP Caller Phone: (718) 264−1420
Notifier Name: LES BLUESTONE Notifier Type: Other Notifier Phone: (718) 264−1420

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/20/1998		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CONSTRUCTION SITE IS RESIDENTIAL−UPON EXCAVATION OF UNDERGROUND TANKS SOIL CONTAMINATION WAS DISCOVERED−DEC NOTIFIED BY CALLER (CHRIS TOMASELLO).

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 107 **WOODHAVEN BLVD/ 63RD ST** **Spill Number: 9515406** **Close Date: 04/16/2009**
WOODHAVEN BLVD/ 63RD ST NEW YORK, NY TT−Id: 520A−0209−637

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2067 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: NO CHANGE
Revised zip code: 11374

Source of Spill: UNKNOWN Spiller: RICHARD ROACH − CON EDISON Spiller Phone: (212) 580−6764
DEC Investigator: JMKRIMGO Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: RICHARD ROACH Caller Agency: CON ED Caller Phone: (212) 580−6764
Notifier Name: MR KATZ Notifier Type: Affected Persons Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/26/1996		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

dec mr katz told con ed of substance and told con ed to call dec hotline.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL 2/26/96, 1630 hrs, Katz notes: In front of 63−68 Woodhaven Blvd at 63rd Road. Manhole MH−13646. Sheen of PCB oil on water. Wipe sample showed 7000 ug/cm2 from lab (after washing) Chemist on scene at 1630 hrs to take wipe samples. 130 gallons water removed, water from leak in main − Con Ed to notify DEP. Biosolv 260 used to clean manhole, with steam gen. 5 washings − 7000 ppm after fifth wash. Unknown where oil came from −2 feeder cables, 2 secondary cables also in manhole.

4/16/09. Con Edison comments/remarks: The attached PDF file titled DEC 9515406 − PCB wipe results for MH−13646 contains all available documentation associated with the PCB cleanup of this structure in early 1996. This incident is being submitted for closure. NFA. JK.

Map Identification Number 108 **63−93 WOODHAVEN BLVD/QUNS** **Spill Number: 9007521** **Close Date: 02/13/1997**
63−93 WOODHAVEN BLVD NEW YORK CITY, NY TT−Id: 520A−0131−955

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2072 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 6393 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
DEC Investigator: MMMULQUE Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JOHN O'SHEA Caller Agency: CITIZEN Caller Phone: (718) 897−8799
Notifier Name: Notifier Type: Citizen Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/01/1990		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	−1.00	POUNDS	0.00	POUNDS	SOIL

Caller Remarks:

NOTED PETROLEUM ODOR, ONGOING

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN 10/10/95: This is additional information about material spilled from the translation of the old spill file: PETROLEUM ODOR.

Map Identification Number 109 **DRUM BARRIED IN EXCAVATION SITE** **Spill Number: 0810485** **Close Date: 12/23/2008**
97TH PLACE & 62 DRIVE QUEENS, NY TT−Id: 520A−0224−140

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2078 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 97TH PL / 62ND DR
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
DEC Investigator: HRAHMED Contact for more spill info: ERT Contact Person Phone: (212) 580−8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/17/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

CALLER STATES THERE IS A ABOUT 1 OUNCE PER MINUTE LEAK FROM A DRUM THAT WAS DISCOVERED DURING EXCAVATION. CLEAN UP IS PENDING.

DEC Investigator Remarks:

12/18/2008−HRAHMED−Duplicate spill#0810508 was closed. Responded to the site at 10:30AM. DEP, NYC OEM, ConEd and Contractor for ConEd were onsite. Contacts:

NYC OEM Kevin Darcy Tel:718 422 8901, Cell:347 203 2424, Fax:718 422 8939, Email:kdarcy@oem.nyc.gov

NYC DEP Yuseph Sleem Tel:718 595 5000, Cell:646 265 6272

ConED Nick Del Oxco Cell:917 682 6073

Mecc Contracting Inc. Paul Quiggle Tel:718 235 0800, Cell:917 295 6887, Fax: 718 235 0977, Email:mecccontracting@aol.com

DEC Ahmed contacted Rayal to schedule a drum run. Emmi of Royal said they will call tomorrow morning to setup a schedule to pumpup the drum. DEC will inform the city agencies, ConED and Mecco contracting regarding the schedule. The excavation will remain open.

12/23/2008−HRAHMED−Royal pumped out the partially filled 55 gal steel drum. A portion of the drum was cut open. ConEd contractor Mecc Contracting will fill the drum with sand. NYC OEM and NYC DEP were notified.

Spill case is closed.

Map Identification Number 110 **VACANT BUILDING** **Spill Number: 9909795** **Close Date: 07/23/2007**
60−69 WOODHAVEN BLVD QUEENS, NY TT−Id: 520A−0128−017

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2079 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 6069 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: ROBERT SANTUCCI − VACANT BUILDING Spiller Phone: (718) 224−8787
DEC Investigator: WXSUN Contact for more spill info: ROBERT SANTUCCI Contact Person Phone: (718) 224−8787

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: ANDREW RUDKO Caller Agency: AKRF INC Caller Phone: (212) 340−9815
Notifier Name: Notifier Type: Other Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/12/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
MTBE (METHYL−TERT−BUTYL ETHER)	HAZARDOUS MATERIAL	0		0		
BTEX	OXYGENATES	0		0		

Caller Remarks:

CONTAMINATED SOIL FOUND AT A VACANT BUILDING THAT WAS ONCE A GAS STATION. NO FURTHER INFO

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 07/12/06 Telephone conversation between Will Welling and Isaac Mungra, A Leastman & Sons. The site has monitoring wells which were never sampled. Owner/prospective buyer want

resolution. I recommended that the wells be sampled and if non−contaminated the site could be closed. Referral to R2 for follow−up. The Region must request the sampling.

Transferred to Sun as part of MTBE Pilot Project.

2/27/07: Contact made with representative of RP. Marty Waser of Phillips Nizer at 666 5th Ave, New York, NY 10103. Phone #212−841−0794, Fax: 212−262−5152. Sun/Sellberg faxed/mailed the Hydrogeological Report submitted by AKRF Engineering in April 2001 to Mr. Waser for his records. A SIWP will follow. (JS/MS)

5/17/07: Matin Wasser retained Environmental Resources Management (ERM) and conducted a site visit on 4/25/07 to assess status of existing monitoring wells. All 3 wells are in good shape and as per NYSDEC remarks, if results show as ND, this spill can be closed. DEC verbally requested that ERM submit a SIWP for DEC's approval on 5/17/07. (JS/MS)

5/28/07: Supplemental Sampling Plan to include the sampling of three monitoring wells onsite was approved on 5/28/05 and the SIR is due 7/30/07. Results will be compared to those reported by AKRF in 2001 to evaluate if natural attenuation is effective means of remediation. (JS/MS)

7/23/07: Based on the Supplemental Sampling Report prepared by Environmental Resources Management (ERM), submitted to the DEC on July 18th, 2007 (on behalf of Nathan Katz Realty), no further investigation or response will be required. As stated in the work plan the three on−site monitoring wells were sampled and all results indicated ND. In addition field observations made at the time of sampling stated that no pet−like odor was detected and there was no evidence of floating product. Therefore, this spill case was approved for closure on 7/23/07. (JS/MS)

Map Identification Number 111 **63RD DR & WOODHAVEN BLVD** **Spill Number: 8810142** **Close Date: 03/16/1995**
63RD DR & WOODHAVEN BLVD NEW YORK CITY, NY TT−Id: 520A−0123−615

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2139 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 63RD DR / WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE Spiller: Spiller Phone:
DEC Investigator: GRAHAM Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: DET. MCDONALD Caller Agency: NYCPD Caller Phone: (212) 374−5500
Notifier Name: Notifier Type: Police Department Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/31/1989	03/16/1995	OTHER	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
BIOLOGICAL WASTE	OTHER	−1.00		0.00		SOIL

Caller Remarks:

FELL OFF BACK OF TRUCK

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 112 **MAN HOLE TM651** **Spill Number: 0200158** **Close Date: 10/16/2002**
SAUNDERS ST/66TH AV QUEENS, NY TT−Id: 520A−0123−266

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2175 feet to the E

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

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CON EDISON Spiller Phone: (212) 580−6763
DEC Investigator: AERODRIG Contact for more spill info: SEAN MCKEEVER Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: SEAN MCKEEVER Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: DONNA TOME Notifier Type: Responsible Party Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/05/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

spill from the transformer in the man hole − no sewers/waterways/private property − 10ppm pbc level con ed # 142124

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was RODRIGUEZ Con Ed e2mis no. 142−124:

4/5/02−0720HRS GRANT #89487 NETWORK.REPORTS FOUND APPROX 1/2 GALLON OF POSSIBLE DIELECTRIC FLUID THAT LEAKED FROM TM651 INTO SUMP. NO PUMP FOUND IN STRUCTURE. IT APPEARS TO BE CONTAINED AT THIS TIME NO SEWERS OR WATERWAYS EFFECTED. FOUND UNIT BELOW MIN WILL RECHECK AND PRESSURE TEST UNIT. RECORDS SHOW 10PPM DATED 9/20/94. NO FIRE OR SMOKE OR PRIVATE PROPERTY INVOLVED. 1 SAMPLE TAKEN.

0820HRS MR GRANTS REPORTS PRESSURE TESTED UNIT AND FAILED. ALSO UNIT HOLDS 303 GALLONS OF OIL APPROX 25 GALLONS MISSING.

0850HRS RECORDS SHOW SEWER CONNECTION DATED 3/5/57.

0930HRS S.STATHIS REPORTS ON LOCATION ALSO FOUND APPROX 3−GALLONS OF OIL IN SUMP NOT 1/2 GALLON AS REPORTED. ALSO REPORTS 3−SIDES OF TM651 INPACTED BY DIRT. ALSO REPORTS IT APPEARS TO BE EARTHEN SUMP. CREW DISPACTHED AND OVER 50 TANKER ORDERED FOR CLEANUP.

0935HRS S.STATHIS REPORTS DEP C.HAAS ARRIVED & SATISFIED, AND LEFT LOCATION 1030HRS.

1130HRS S.STATHIS REPORTS I&A WILL REPLACE TM−651 4/6/02. ENVIR CREW WILL DO PARTIAL CLEANUP. LEAVE ENVIR TAG TILL UNIT IS REPLACED.

UPDATE 05−APR−2002 13:00 HRS. ENVIR. OPERS. OPER. SUPV. B.BAMONTE EMP# 16614 REPORTS: ASTORIA TANKER REMOVED 240 GAL'S OF DIELECTRIC FLUID FROM UNIT. UNIT CAPACITY 303 , 63 GAL'S MISSING FROM UNIT. ALSO AFTER FURTHER INVESTIGATION IT HAS NOW BEEN DETERMINED THE SUMP HAS A CEMENT BOTTOM.

Update: 4/5/02 15:00hrs. B.Bamonte reports incident was upgraded to a 63 gallon spill. Sump was found cemented. Astoria tanker extracted 240 gallons from the unit. Unit holds 303 gallons. Also, about 20 gallons was extracted from a cemented sump. Env. Stop tag was left in place pending removal which is scheduled over the weekend. Structure was initially cleaned on Thurs. 4/4.

UPDATE: 7−APR−2002 0600HRS LAB RESULTS LSN# 02−02831−001 <1.00 PPM.

UPDATE − 07−APR−2002 17:20 HRS. ENVIR. FLUSH DEPT. MECH A.J. FOSCHINO EMP# 58658 REPORTS: UNIT WAS REMOVED THE STRUCTURE WAS DBL. WASHED WITH BULL DOG, ENVIR. TAG# 02888 REMOVED. SUMP FOUND CEMENTED IN STRUCTURE. CLEANUP COMPLETE. 100%

Map Identification Number 113 **SOUTHBOUND, NORTH OF LI E** **Spill Number: 0502136** **Close Date: 05/25/2005**
QUEENS BLVD QUEENS, NY TT−Id: 520A−0129−661

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2204 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / LONG ISLAND EXWY
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE Spiller: GREEN LINES BUS CO Spiller Phone:
DEC Investigator: SMSANGES Contact for more spill info: FIREFIGHTER Contact Person Phone: (718) 476−6288

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: FIREFIGHTER Caller Agency: NYC HAZMAT Caller Phone: (718) 476−6288
Notifier Name: FIREFIGHTER Notifier Type: Fire Department Notifier Phone: (718) 476−6288

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
05/23/2005		OTHER	NO	

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	4.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ON ROADWAY, HAZ MAT ON SCENE(NORTH OF LI EXPRESSWAY)

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 114 **VS 1861** **Spill Number: 0003151** **Close Date: 09/26/2001**
S SERVICE RD/JUNCTION BL NEW YORK, NY TT−Id: 520A−0136−964

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2207 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: HORACE HARDING BLVD / JUNCTION BLVD
Revised zip code: 11374

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: STEVE ROMERO Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: STEVE ROMERO Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: CHRIS NEVILLE Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/13/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION ON TOP OF 400 GALLONS OF WATER. SAMPLE TAKEN CLEANUP PENDING RESULTS. CON ED # 131833. NO CALL BACK REQUESTED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis Notes:

6/13/00 5gal unknown oil on 400gal water in vault. Possibly broken fitting on unit. Historical records from 8/99 show 7ppm PCB. Defective fitting on top of reactor cap. Unit is not below minimum. PCB result is 9ppm.

6/19/00 Cleanup completed by double washing structure. Structure was initially cleaned on 6/17/00. Earthen sump was sealed at that time. No oil reached sump. No sump samples were taken.

Map Identification Number 115 **COMMERCIAL** **Spill Number: 0710571** **Close Date: 01/07/2008**
66−15 WEATHEROLE STREET QUEENS, NY TT−Id: 520A−0212−478

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2223 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 6615 WETHEROLE ST
Revised zip code: 11374

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: SHAWN DONOHUE − COMMERCIAL Spiller Phone: (718) 595−5000
DEC Investigator: bkfalvey Contact for more spill info: SHAWN DONOHUE Contact Person Phone: (718) 595−5000

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/07/2008		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

OIL SPILL IN THE BACK YARD OF ABOVE ADDRESS, CHANGING OIL LINES AND CAUSED SPILL

DEC Investigator Remarks:

1/7/08 According to DEP Shawn Donahue, spill is on courtyard pavement. Unknown amount. DEP is responding to site. Called Norman Schneider of Metro Management(718)706−7755. Info from PBS FIR. Wrong number. Called Carmen Moreno, super of bldg. She said that there is no spill. Spill closed unless other information is received. bf

Map Identification Number 116 **MANHOLE 8972** **Spill Number: 9907785** **Close Date: 11/30/1999**
63RD AVE/84TH DR QUEENS, NY TT−Id: 520A−0128−450

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2232 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 63RD AVE/84TH PL
Revised zip code: 11379

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: UNKNOWN Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: RICHARD ROACH Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: RICHARD ROACH Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: CHRIS NEVILLE Notifier Type: Responsible Party Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/28/1999		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

SPILL IS IN THE MANHOLE ONE QUART ON 500 GALLONS OF WATER WILL BE PICKED UP PENDING RESULTS

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL con ed e2mis notes: While on location to tag D'Fault on FDR 6Q31 found 1 qt. unknown oil on 500 gallons of water. There is primary cable in MH. Cannot see any visible leaks. There is a concrete sump in MH. Sample has been taken.

lab results received #99−10138 pcb<1.0 ppm, H. Bertorelli#54348

Cleanup complete tag removed, incident is closed.

Map Identification Number 117 **MANHOLE** **Spill Number: 1802499** **Close Date: 03/02/2021**
WEST SIDE 98TH − 37 N 62 DR QUEENS, NY TT−Id: 520A−0342−705

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2285 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 98TH ST / 62ND DR
Revised zip code: 11374

Source of Spill: UNKNOWN Spiller: ERT − CON ED Spiller Phone:
DEC Investigator: RWAUSTIN Contact for more spill info: ERT Contact Person Phone: 2125808383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/03/2018		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0		0		

Caller Remarks:

catch basin − oil sheen clean up is pending crew

DEC Investigator Remarks:

6/4/18 TJD EMIS report 267464. As per report, Mechanic A L1−2 Vincent P Cognato (07768) reported that while called to the location to perform a routine flush in MH−12128, he observed a sheen in the structure, which had just been pumped out by the Underground. Mr. Cognato walked to a nearby catch basin that the water was pumped into and saw a visible sheen at 1410 hours. Mr. Cognato collected samples for Oil ID and PCB Analysis under Chain of Custody HH26393, hung Env. Tag 106691, and provided WR# 4399366.000

3/2/21 − Austin − Con Ed contained and cleaned up the spill in both their structure and the street catch basin; Waste to Clean Earth in NJ − See document files for further information − Spill closed − end

Map Identification Number 118 **MOBIL STATION 11399** **Spill Number: 0911027** **Close Date: 08/23/2010**
64−01 WOODHAVEN BLVD REGAL PARK, NY TT−Id: 520A−0248−882

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2307 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 6401 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: KEN DRAKE − EXXON MOBIL Spiller Phone:
DEC Investigator: MJHAGGER Contact for more spill info: RICH SWEDBORG Contact Person Phone: (631) 218−0612

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/12/2010		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0		0		SOIL

Caller Remarks:

SOIL SAMPLE POSITIVE FOR P.I.D. READING OF 1550 PPM CLEANUP PENDING.

DEC Investigator Remarks:

Consolidated under Spill 00−07454

Map Identification Number 119 **MANHOLE 14018** **Spill Number: 0410902** **Close Date: 07/29/2005**
64TH RD EAST OF WOODHAVEN QUEENS, NY TT−Id: 520A−0131−926

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2347 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 64TH RD / WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: ERT DEST − CON EDISON Spiller Phone: (212) 580−8383
DEC Investigator: SKARAKHA Contact for more spill info: ERT DESK Contact Person Phone: (212) 580−8383

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: MARK PIROPATO Caller Agency: CON ED Caller Phone: (212) 580−6763
Notifier Name: MARK PIROPATO Notifier Type: Responsible Party Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/05/2005		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

2 QTS. UNKNOWN OIL ON APPR 1 GALLON WATER AND MUD. REFERENCE 156785

DEC Investigator Remarks:

e2mis 156785

05−JAN−2005 07:50 HRS. N.GRAU EMP# 19687 FOUND APPROX. 2QT'S OF UNKNOWN OIL ON APPROX. 1 GAL OF WATER & MUD IN A CONCRETE STRUCTURE. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. THERE IS NO FIRE INVOLVEMENT. OWNER OF SUBSTANCES IS UNKNOWN. NO KNOWN SUBSTANTIAL CRACKS IN STRUCTURE. NO KNOWN SUMP OR PUMP. THERE IS A RESERVOIR TANK & OIL FILLED JOINT'S IN THIS STRUCTURE ON TWO SEPARATE FEEDERS, BUT NOT KNOWN TO BE LEAKING AT THIS TIME. ENIVIR. TAG# 42403 PLACED. 1 LIQ. SAMPLE TAKEN FROM SPILL.

LSN−05−00097−001 MATRIX : OIL GRAB 186 PPM

1/05/2005 20:15 HRS. −− QUEENS ENV OPS O/S R. QUIJIJE REPORTS ENV OPS CREW FOUND AN EARTHEN SUMP IN STRUCTURE. THEY WILL TAKE TWO SOIL SAMPLES FROM SUMP AND SEAL IT WITH CEMENT. CLEANUP IS STILL IN PROGRESS.

1/05/2005 21:20 HRS. −− QUEENS ENV OPS O/S T. COLUMBIA REPORTS ENV OPS TOOK TWO SOIL SAMPLES FROM THE SUMP (ONE FROM MIDDLE & ONE FROM SIDE).

Update − 1/5/05 − 2345hrs G. Castro mech a env. ops reports double washed with biogen 760 and bulldog. No leaking co. equipment found. Earthen sump was found, samples taken, and sealed with cement. Tag remains in place pending samples. 2 barrelss of debris generated. Astoria picking up barrels at this time. Clean up completed.

LAB RESULTS RECEIVED 1/6/05 − 0609. 05−00130. BOTH SUMP SAMPLES CAME BACK < 1.0 PPM. STRUCTURE IS NOW CLEAN.

Map Identification Number 120 **60−50 WOODHAVEN BLVD.** **Spill Number: 9208209** **Close Date: 02/22/1995**
60−50 WOODHAVEN BLVD ELMHURST, NY TT−Id: 520A−0130−412

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2401 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 6050 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:
DEC Investigator: SULLIVAN Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: WASHINGTON HERNANDEZ Caller Agency: NYCDEP Caller Phone: (718) 595−4681
Notifier Name: Notifier Type: Local Agency Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/15/1992	02/22/1995	UNKNOWN	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	−1.00		0.00		SOIL

Caller Remarks:

FD ON SITE CROSS REFERENCE TO SPILL # 9205605.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 121 **BP AMOCO STATION #3167** **Spill Number: 9205605** **Close Date: 08/09/2017**
60−50 WOODHAVEN BLVD QUEENS, NY TT−Id: 520A−0130−411

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2401 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 6050 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Amoco Spiller Phone:
DEC Investigator: JBVOUGHT Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: ENZO CATANZARO Caller Agency: NYCDEP HAZMAT Caller Phone: (718) 595−4681
Notifier Name: Notifier Type: Local Agency Notifier Phone:

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/14/1992		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL
MTBE (METHYL−TERT−BUTYL ETHER)	HAZARDOUS MATERIAL	0		0		
The following material(s) was dropped or revised by the NYS DEC. Call Toxics Targeting for more information						
UNKNOWN PETROLEUM		−1.00	POUNDS	0.00	POUNDS	

Caller Remarks: NO REMARKS GIVEN FOR THIS SPILL

DEC Investigator Remarks:

8/14/92 BUG found contaminated soil while doing pipeline work. 8/21/92 Baltec conducts soil gas survey. 10/15/92 Baltec was notified by Amoco that the S/S had been asked to cease operations because of suspected leak. BUG had begun work in an excavated area adjacent to the SW corner of the site and encountered strong petroleum odor emanating from the soil(area of old fill lines). 10/22/92 Baltec completed excavating around both gas lines. Five endpoints taken and BUG workers sealed the joint on the 30 gas main. Excavation was backfilled with clean fill. 10/92−11/92 MW−1,2,3,4 ND for benzene. 1/93 MW−4 had a sheen. 5/93 MW−4 had a sheen.(Area of the excavation of fill lines.) 7/23/93 All ND for benzene. Amoco to install 2 MWs. 10/20/93 MW−1 had 5ppb benzene. Rest were ND. Couldn't install MWs due to physical access constraints. No more sheening noted. Will quarterly sample.

2/10/2003 AUSTIN As per directive to close out spills with no recent history. 3/14/03 REASSIGNED TO O'DOWD TO VOUGHT. 12/3/03 Reassigned from Vought to Foley. Reopened spill(originally reported as 60−70 Woodhaven blvd).

Information from Amoco indicates they are performing quarterly monitoring for natural attenuation at 60−50 Woodhaven Blvd. Highest total BTEX level from 5/16/03 was 10163ppb.

File review: Email between K. O'Dowd and Kevin Hale indicates Amoco submitted a Risk Characterization Report. According to K. Hale, the site was originally brought to DEC's attention due to utility line work 50 feet south of the S/S site . Amoco had performed a soil gas survey in 1992 which showed high level soil contamination south of the tank field. Looking at regional maps and the soil gas map, he concluded groundwater and contamination moving south and east.(Neither gas survey or risk characterization report on file.)

Fourth Quarter 2002 monitoring report (Delta, 11/17/03): Depth to groundwater: 18' Total BTEX range: ND(MW−2, MW−3, MW−4, MP−2) to 8459ppb(MP−1) MTBE range: ND(MW−1, MW−3, MW−5, MP−2) to 27ppb(MP−1). BTEX levels exceed GWQS in MW−1, MW−5 and MP−1. MTBE levels exceed GWQS in MP−1.

12/3/03 Received first and second quarter 2003 monitoring reports. Max BTEX conc at 17840ppb and max MTBE conc at 41.3ppb in MP−1.

3/16/04 Received 3Q and 4Q 2003 monitoring reports. Max BTEX in 3Q was 10,163ppb(MP−1) and in 4Q was 3,578ppb(MP−1). Max MTBE in 3Q was 10.9ppb(MP−1) and 36ppb(MP−1) in 4Q.

5/19/04 1Q04 monitoring report− BTEX from ND(MW−4) to 5,915(MP−1). MtBE from ND(MW−1,MW−4, and MW−5) to 14ppb(MP−1).

8/6/04 2Q04 monitoring report− BTEX from ND(MW−4) to 4,715ppb (MP−1). MTBE from ND(MW−1, MW−4, and MW−5) to 17ppb(MP−1).

4/12/05 3Q04 monitoring report− BTEX from ND(MW−2,3,4) to 7553ppb(MP−1). MTBE from ND(MW−1,2,3,4,5) to 25ppb(MP−1).

4Q04 monitoring report− BTEX from ND(MW−4) to 5316ppb(MP−1). MTBE from ND(MW−1,5) to 11ppb(MP−1).

8/22/05 Phonecall from David Greffenius, Delta− found 7 old 550gal steel tanks during station upgrade activities. The tanks are encased in concrete, and appear to have been filled with concrete and abandoned in−place. In process of registering. Gave OK to pull tanks prior to receipt of registration.

9/16/05 1Q05− DTW 15.7−19'bgs. Easterly flow. No LNAPL present. BTEX from ND(MW−4) to 7641ppb(MP−1). MTBE from ND(MW−1,5) to 13ppb(MP−1).

9/28/05 Received UST Excavation Asessment Report for removal of four 4000gal USTs on 8/11−8/12/05, eight 550gal abandoned USTs(encased in concrete) from two tank cavities, all pump islands and piping. 29 post−ex samples were collected from sidewalls and base of the gas tank excavation, pump islands and piping. No VOCs were detected above RSCOs. 18 post−ex samples collected from sidewalls and base of abandoned tank excavation areas. Two samples [AB−16(15'bgs)] and [AB−18(16'bgs)] had concentrations above RSCOs. These samples are representative of abandoned tank #8. Total of 1267 tons of soil was transported as non−haz petroluem waste. (A portion of the soil removed was generated during retaining wall repair activities.) 60gallons of liquid identified in the USTs was pumped into a vac−truck.

2/15/06 New tanks, piping and dispensers installed 11/05. Re−establish monitoring network, evaluate source removal and sample quarterly.

3/15/06 Reassigned from Foley to Tang. (KMF)

11/3/2008 − reassigned to Feng as per Brevdo.

Letter from Delta, dated 6/29/2009. Delta proposes no wells installation at south of the existing monitoring well MP−1 and the roadway median east of the site on Woodhaven Blvd due to safety reasons. Pictures are attached.

7/30/2009 − meeting with BP and Delta. Not to install the 2 wells downgradient of MP−1 and go for RAP. confirmatory sampling wp 11/2009. (RJF)

11/5/2009 − 3Q4Q2009, 10/30/2009, pdf, by EnviroTrac. Active BP service station. The monitoring well network was gauged and sampled on August 18, 2009. 6 wells were gauged. NO LNAPL. DTW 14.65' to 17.82' bg. Flows to east northeast. 6 wells were sampled. Max benzene 640 ug/L (MP−1). Max BTEX 6,640 ug/L (MP−1). Max MTBE less than 2.5 ug/L (MP−1). (RJF)

3/18/2010 − Reviewed Drilling Work Plan, dated 11/24/2009, by Delta. Delta proposes to install 4 soil borings, B−1 at north of the canopy, B−2, B−3 and B−4 at southeast of the current tank mat. Delta proposes to collect soil samples only. Comments to Delta, 1) purpose of B−1; 2) monitoring well to be set in B−2, B−3 or B−4 area, location to be picked based on field findings. Revised work plan within 30 days. (RJF)

6/8/2010 − 1Q2Q2010, 4/16/2010, by EnviroTrac. The monitoring well network was gauged and sampled on 2/5/2010. 6 wells were gauged. NO LNAPL. DTW 15.39 − 18.49' bg. Flows to east−northeast. 6 wells were sampled. Max benzene 690 ug/L (MP−1). Max BTEX 7,310 ug/L (MP−1). Max MTBE less than 5.0 ug/L (MP−1).

6/15/2010 − Drilling Work Plan, dated 5/28/2010, by Delta. Delta proposes to install 2 soil borings and 1 monitoring well at the southeast of the current tank mat. Work Plan is approved. Report due 9/2010.

08/06/2010: This spill was temporarily (for 6 months) transferred to A. Doronova. − AD

11/02/2010: Received an e−mail from Delta saying:

Ms. Doronova

Attached is the investigation summary report for the recent drilling event conducted at the above−referenced site. Should you have any questions, please feel free to contact Gordon Hinshalwood, or I.

Thanks

Chris Christopher Meyer − Project Manager − North American Operations Delta Consultants, an Oranjewoud N.V. Company Direct +1 914 495 9937 − USA Toll Free 800 477 7411 − Mobile +1 845 671 0852 cmeyer@deltaenv.com − www.deltaenv.com

Dl the report to eDocs. AD

4/11/2011 − Spill transferred back to JFeng.

4/14/2011 − email from Gordon Hinshalwood Attached is a report detailing the soil investigation results surrounding monitoring well MP−1 at service station 3167 (Woodhaven Blvd, Queens). To refresh your memory, all the other wells are clean at this site, but MP−1 consistently shows total BTEX concentrations in the low thousands (ppb). We explored the possibility of putting in additional wells across Woodhaven Blvd and in the median between lanes, but were never able to do so safely. At your request, we conducted a limited soil investigation hydraulically upgradient of MP−1, and in a former tank pit adjacent to MP−1. Our investigation identified some limited soil impacts (primarily trimethyl benzene) above the water table, but nothing indicative of the dissolved−phase impacts identified in MP−1 (we have explored the upgradient area as much as possible, given the physical constraints of the site and the neighboring building). We are proposing monitored natural attenuation to address the impacts in MP−1 moving forward; our plan is outlined in the attached RAP.

download the RAP and put it into eDocs. will review. JF

4/25/2011 − email from Chris Meyer of Anteagroup.

Good Morning June, Attached is the next monitoring report for the above−referenced project. Chris eDoc the 1Q2Q2011 report. JF

7/7/2011 − 1H2011, 4/11/2011, by Anteagroup. The groundwater samples were collected on 2/23/2011. 5 wells were sampled. Flows to north. Max BTEX 3,392 ug/L (MP−1). MW−6 was not sampled under snow pile.

1/11/2012 − 2H2011, 12/2/2011, by Antea Group. The groundwater samples were collected on August 18, 2011. High BTEX in 1 well. MP−1, 4,088 ug/L BTEX. Low MTBE.

6/4/2012 − 1Q2012, 4/27/2012, by Antea Group. The groundwater samples were collected on 2/2/2012. MW−1, 104 ug/L BTEX. MP−1, 3,851 ug/L BTEX.

12/7/2012 − 2H2012, 10/31/2012, by Antea Group. The groundwater samples were collected on August 6, 2012. the next sampling will be in February 2013. MP−1, 4,092 BTEX, less than 5.0 MTBE. MW−5, 3.01 BTEX, less than 0.5 MTBE. MW−8, 71 BTEX, less than 0.5 MTBE.

10/31/2013 − 1H2013, 5/3/2013, by Antea Group. The groundwater was sampled on 2/6/2013. MP−1, 5,526 BTEX.

8/26/2014 − 1H2014, 8/5/2014, by Antea Group. Groundwater was sampled on 2/11/2014. MP−1, 4,660 BTEX.

10/30/2015 − 1H2015, 4/14/2015. Monitoring on 3/12/2015. MP−1, 394 BTEX.

2H2015, 10/20/2015. Monitoring on 8/26/2015. MP−1, 2,823 BTEX.

3/30/2016 ˇ Feng − This spill is transferred from J. Feng to J. Vought as per J. Vought.

10/6/2016 − Feng − This spill is transferred from J. Vought to J. Feng as per J. Vought.

2/23/2017 − Feng − Email to Chris Meyer Chris, When we reviewed the spill history, we still see the need to do downgradient delineation due to the groundwater concentration in MP−1, same as what we saw a couple years ago, and no such delineation has been done previously. In the discussion with Jeff, I did note this history of such delineation request and BP´s response. We understood that there were 30˜ and 1˜ gas pipes in the south of MP−1 and the safety concern to install wells in the median of Woodhaven Blvd. But if you look at the BTEX trend of MP−1, it started with a very high concentration and this well is located in the sidewalk already. If delineation could not be done at the two above mentioned locations, then we still need to go a little bit further, i.e. across Woodhaven Blvd, to have delineation to show that no migration or impacts to the residents across the street before we can close the spill. As Jeff and I agreed that if nothing found across the street, then we will close the spill as you requested. Please submit a work plan for approval because you may need the permits to do so.

5/31/2017 − Feng − This spill is transferred from June Feng to Jeffrey Vought as per Jeffrey Vought.

8/7/17−Vought−Received email from Antea(Meyer) dated 8/3/17 that Jeff, Here is our last correspondence with June regarding NYSDEC Spill Number 92−05605 − BP Station Number 03167. There seemed to be some lingering concern about a potential need for an off−site well. We thought that had been resolved a number of years ago (attached). In email string was another email dated 2/22/17 from Antea(Meyer) to DEC Feng that June, Thank you so much for the prompt response. Under a separate email, I sent the previous vapor summary work we did for 96−07180. It´s 12MB in size, so let me know if you did not get it. As for 92−05605, I seem to recall that coming up during one of our meetings (way back in 2010 with Mark Tibbe), and we concluded that access to that median wasn´t possible given the trees and utilities and that going across Woodhaven was too far to be of any use. Here is a pic from that slideshow (thanks for the stroll down memory lane, as it´s a throwback to the old Delta days). Does this suffice? Vought reviewed attached Delta letter dated 6/29/09 that was already added to D2:

Letter from Delta (Gordon Hinshalwood) to DEC Feng(6/29/09). During February 2009 meeting, DEC requested installation of two additional wells (one to the south of well MP−1 and one in the roadway median east of the site on Woodhaven Blvd . Delta feels these two additional wells are not possible due to dangerous drilling conditions . Underground gas lines are in the sidewalk south of MP−1 and median on Woodhaven runs narrow and it is believed a sewer line runs straight down the median . Delta request that DEC to re−evaluate this request .

8/7/17−Vought−Looked at latest quarterly report in D2 dated 8/5/14 and Total BTEX for MP−1 was 4660ppb on 2/11/14. Another round of groundwater samples needed for consideration of possible spill closure as last samples collected three years ago. Vought sent email to Meyer with cc to Onufrak that Chris, I reviewed the site data on file as well as the report noting the unfeasibility of further delineation due to the gas lines as well as the narrow median on Woodhaven Blvd. The last data we have on file for well MP−1 is 4660 Total BTEX from a sampling date of 2/11/14. Do we have more recent data from this well to see if the concentrations have attenuated further over the past three years so that the Department may consider spill closure?Thanks and I think this takes care of the last site that I believe we were to discuss for tomorrow´s meeting. Let me know if you and Nick still feel it is

warranted . Vought received reply from Meyer that Jeff, Attached is the last routine report we submitted, prior to the NFA request. It´s from 2015.I´ve also attached the Mann−Kendall Analysis we ran for MP−1. It shows the continued decreasing trends. Attached to email was Groundwater Monitoring Report −Second Half 2015 dated 10/20/154. Vought added report to D2 and reviewed:

Groundwater Monitoring Report−Second Half 2015 (Antea) Meyer −10/20/15. Ground water samples were collected on August 26, 2015. The site is on a semi annual monitoring schedule. The next sampling event is scheduled for the month of February 2016. Concentrations of BTEX in excess of applicable TOGS WQS (Technical & Operational Guidance Series 1.1.1, Ambient Water Quality Standards and Guidance Values) were detected in ground water samples collected during this ground water monitoring event. Antea Group intends to continue ground water monitoring at the subject site. Total BTEX is 2823ppb in the remaining well of concern (MP−1) as of last sampling date on 8/26/17. On 3/31/01, Total BTEX in MP−1 was 33,520ppb and has attenuated, as per the historical groundwater tables, for the past 17 years. Also included in attachment to email above was Mann Kendall Trend Analysis for petroleum constituents.

8/9/17−Vought−BP Quarterly Meeting with Meyer and Onufrak on 8/8/17. Onufrak noted that their was no planned change in future use of this site and it was to remain a gas station. Spill closed by Vought due to: Unfeasibility as per CP−51 Soil Cleanup Guidance of further down−gradient delineation across a wide non−sensitive receptor of Woodhaven Blvd with groundwater concentrations that have been attenuating for the past 16 years ; removal of leaking sources including piping and tanks; no threat to the wider community as per guidance from DEC Central Office; inclusion of cautionary cause in Spill Closure Letter; Mann−Kendal trend analysis confirming attenuation of the residual dissolved groundwater contamination; no change in future use of the site and it will remain a commercial gas station. Spill closure letter sent via US Mail to:

Mr. Nicholas Onufrak BP Products North America Inc. 1 West Pennsylvania Avenue Suite 925 Towson, MD 21204

Closure letter also emailed to Meyer/Onufrak and added to D2.

Map Identification Number 122 **TRANSFORMER VAULT #1137** **Spill Number: 0211295** **Close Date: 09/29/2003**
97TH ST & HORACE HARDING QUEENS, NY TT−Id: 520A−0136−974

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 2441 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 97TH ST / HORACE HARDING
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN − Unknown Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: PETE MCGUIRE Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: PETE MCGUIRE Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: PETE MCGUIRE Notifier Type: Affected Persons Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/11/2003		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

4 OUNCES OF UNK PETROLEUM ON 75 GALLONS OF WATER. NO SEWERS OR WATERWAYS. CON ED #147141

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis no. 147−141: 11−FEB−2003 1000HRS FOUND 4 OZ UNKNOWN OIL ON 75 GALLONS WATER IN V−1137. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. TOOK SAMPLE. HISTORICAL FOR UNIT IS 9PPM 11−8−02. NO PRESSURE TEST NEEDED BECAUSE UNIT WAS ALREADY DRAINED. THERE IS A INTERVAULT CONNECTION BUT THERE IS NO OIL IN BUSS COMPARTMENT AND SUMP WAS NOT RUNNING.

UPDATE: 11−FEB−2003 1640HRS TAKING OFF 24 HOUR PROGRAM DUE TO UNIT REMOVAL.

UPDATE: 11−FEB−2003 1035HRS WILLET REPORTS WAS ON LOCATION TO DO ABATEMENT JOB WHEN FOUND OIL.

UPDATE: 11−FEB−2003 1640HRS TAKING OFF 24 HOUR PROGRAM DUE TO UNIT REMOVAL. CIG MCGUIRE NOTIFIED @ 1649HRS

UPDATE − 11−FEB−2003 21:08 HRS.. LSN# 03−01191 , SAMPLE TYPE: OIL, AROCLOR: 1260, RESULT: < 1. PPM. C.HOGAN 07511

UPDATE 4/24/03 PER EQUIPMENT GRP MGR. THE UNIT WAS REMOVED ON Update − 4/24/03 1040hrs J. Davis env. ops reports double washed structure with slix. Networks on location and installed new unit. Removed env. stop # 14926. Clean up completed.

Map Identification Number 123 **PS 206** **Spill Number: 0008926** **Close Date: 11/02/2000**
61−21 97TH PLACE QUEENS, NY TT−Id: 520A−0129−640

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2522 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PLACE
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK Spiller: UNKNOWN Spiller Phone:
DEC Investigator: TJDEMEO Contact for more spill info: OEM OFFICER Contact Person Phone: (212) 374−5500

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: MARK CLAMPET Caller Agency: NYC OEM Caller Phone: (212) 374−5500
Notifier Name: FIRE DEPT Notifier Type: Other Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/01/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#4 FUEL OIL	PETROLEUM	200.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

50 GAL SPILLED INTO SCHOOL...150 GAL SPILLED INTO YARD AND STREET. OEM ON SCENE..FDNY ON SCENE CONTAINING SPILL.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 11/2/00 TJD Overfill of fuel tank at PS206 in Queens. Vent line is on opposite side of building as fill box. FDNY first on scene to contain spill. School evacuated. Petroleum Tank Cleaners performed clean−up. Cleanup performed throughout evening and overnight hours to facilitate school opening next day. Petroleum cleaned using vacuum trucks and absorbents. Impacts/staining extensive throughout courtyard area, removed with pressure washer with all waaash water collected for offsite treatment/disposal.

Map Identification Number 124 **PUBLIC SCHOOL 206** **Spill Number: 0008922** **Close Date: 10/27/2003**
61−21 97TH PL REGO PARK, NY TT−Id: 520A−0129−639

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2522 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 6121 97TH PL
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: TJDEMEO Contact for more spill info: CALLER Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: DISP 309 Caller Agency: NYFD Caller Phone: (718) 847−6600
Notifier Name: SCHOOL Notifier Type: Fire Department Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/01/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	50.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

50 gals on ground no further info

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 10/27/2003 TJD Duplicate of Spill #0008926. Closed.

Map Identification Number 125 **MANHOLE 1267** **Spill Number: 0009886** **Close Date: 12/28/2001**
QUEENS BLVD/66 ROAD QUEENS, NY TT−Id: 520A−0131−921

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2539 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: QUEENS BLVD / 66TH ROAD
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: UNKNOWN Spiller Phone:
DEC Investigator: KMFOLEY Contact for more spill info: RICHARD ROACH Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: RICHARD ROACH Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: MR POVERELLA Notifier Type: Local Agency Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/01/2000		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	2.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

CON ED 134561. CLEAN UP PENDING RESULTS.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY

Map Identification Number 126 **65TH ROAD** **Spill Number: 0205112** **Close Date: 04/24/2003**
99TH STREET QUEENS, NY TT−Id: 520A−0131−923

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2544 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 65TH ROAD / 99TH STREET
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CON ED Spiller Phone:
DEC Investigator: JHOCONNE Contact for more spill info: LARRY COSTA Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: LARRY COSTA Caller Agency: CON ED Caller Phone: (212) 580−6763
Notifier Name: RON HOWARD Notifier Type: Responsible Party Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/14/2002		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

unknown oil 500 ppm − in manhole 18374 − con ref number 144531

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis no. 144−531:

8/14/02 − 0300hrs − Ron Howard # 74982 TSHV # 9, reports while on emergency NL found 1 qt unknown oil on 5 gallons water in MH18374. States no fire/smoke involved. No sewers or waterways affected. No private property affected. Env. stop tag # 19244 placed. Sample taken marked E priority − chain of custody # AA11102 − Sample dropped off at chem lab @ 0348hrs. No parking restrictions. Clean up pending test results. Howard has stated #9 should be contacted to meet when clean up is started due to unknown source of oil.

8/14/02 12:04 HRS. −− PCB RESULTS: LAB SEQ # 02−07588, 939 PPM, AROCLOR 1248.

8/14/02 12:20 HRS. −− AS PER ERT M. DAUGHTREY, THIS INCIDENT CAN REMAIN ON D.E.C. 24−HOUR DEMINIMIS PROGRAM EVEN THOUGH PCB RESULTS CAME BACK OVER 500 PPM, SINCE IT IS CONTAINED AND AS LONG AS CLEANUP IS COMPLETED WITHIN 24 HOURS.

8/14/02 12:35 HRS −− EPA ID # NYP004101423 RECEIVED FROM ERT.

8/14/02 12:45 HRS. −− OVER 50 TANKER ORDERED FROM ASTORIA. QUEENS ENV. OPS. CREWS ARE ALREADY HEADED TO LOCATION WITH VACTOR AND SPILL TRUCK.

8/14/02 12:55 HRS. −− NOTIFIED #9 AS PER REQUEST OF #9 TROUBLESHOOTER (SEE ORIGINAL INCIDENT REPORT) AND ALSO AS PER QUEENS ENV. OPS. O.S. R. WALTER. NO RED TRUCKS AVAILABLE AT THIS TIME. WILL NOTIFY #9 AGAIN IF ENV. OPS. FINDS ANY LEAKING EQUIPMENT IN STRUCTURE.

8/14/02 16:25 HRS. −− AS PER. SUPERVISOR E. VESCE, CLEANUP CAN NOT BE COMPLETED WITHIN 24 HOURS SINCE PCB RESULTS ARE OVER 500 PPM. SPILL TYPE CHANGED FROM D.E.C. 24 HOUR DEMINIMIS TO UNKNOWN OIL. CIG WILL BE NOTIFIED.

Update − 9/24/02 1335hrs M. Knox, env. ops reports while cleaning structure found earthen sump. Samples and cementing will be necessary before completion of job.

UPDATE @ 2225 HRS 9/24 G.JACOBI REPORTS FDR 3Q96 OFF THE SYSTEM, UNDERGROUND REMOVED LEAKY JOINT FROM STRUCTURE, 6 DRUMS OF PCB LEAD WASTE GENERATED & PICKED UP BY ASTORIA TRANSPORTATION, ZONES REMAIN IN PLACE PENDING COMPLETION OF UNDERGROUND WORK. CLEANUP TO RESUME AFTHERWOODS. #12255 VDC.

UPDATE: 26−SEP−2002 2200HRS AHLUWALIA ENVIROMENTAL REPORTS HELD ZONES. PACKED EVERYTHING INTO ONE BARRELL AND BROUGHT BARRELL INTO YARD. CLEAN UP WILL START ONCE THE FEEDER IS RESTORED. ENVIROMENTAL TAG STAYS IN PLACE.

Update: 10−24−02 2100 Hrs. O.S. R. Walter reports Env. Crew members Knox Vallone & Stubbs dug down an earthen sump 12 inches and took two composite soil samples from floor and walls of sump. The sump was than sealed with quick drying cement. All solid debris including old rack arms , a sump cover, and soil from sump was removed and drummed. The structure was than double washed using an > 50 Tanker and 50 gallons of Biogen and bulldog detergents. All cement surfaces were than pressure washed with soda blasting materials . 550 Gallons of wash water were generated and manifested by the > 50 Tanker. 9 PCB wipe samples were taken. Two drums of PCB solids were picked up by Corporate Transportation. Env. Stop Tag was left in place pending sample analysis.

UPDATE @ 2018 HRS 10/26LAD RESLTS RECEIVED SEQ #02−10029−001 WIPE SAMPLE 12 UG/100 SEQ #02−10029−002 3UG/100.SEQ #02−10029−003 @ <1UG/100. SEQ#02−1004 @ <1UG/100. SEQ #02−10029−005 @ <1UG/100SEQ#02−−10029−006 @ <1UG/100.SEQ #02−10029−007 @ <1UG/100.SEQ#02−10029−008@ 22ug/100. seq # 02−10029−009 @8UG/100.#12255 VDC.

UPDATE Update: 10−29−02 1900 Hrs. Env. Crew members Knox, Vallone, & Stanford, broke open cemented sump and dug sump out to clean soil. One composite soil sample was taken from walls of sump. Sump was than resealed with cement. Structure was than washed with biogen 760 and walls were pressure washed with soda blasting material. All wash water was taken into an > 50 Tanker. Chem Lab Chemist took two PCB wipes from grid sampling points 1, & 8 . Two drums of PCB / Lead Solids consisting of soil, PPE, & Setup Materials were picked up by Corporate Transportation. Env. Stop Tag was left in place pending sump and wipe sample results.

UPDATE********** 10−30−02 02−10178−003 3 PPM (WALL OF SUMP) S.PACE 49874.

UPDATE********** 10−30−02 02−10178−001 (TEST POINT #1) 3 UG 02−10178−002 (TEST POINT # 8) <1.0 UG S.PACE 49874.

UPDATE********** 10−30−02 18:00HRS R. WALTERS (ENV OPS) REPORTS, TAG WAS PULLED AND JOB COMPLETED.

Map Identification Number 127 **CONDO COMPLEX** **Spill Number: 0909341** **Close Date: 01/04/2017**
61−45 98TH ST REGO PARK, NY 11374 TT−Id: 520A−0234−096

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2594 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 6145 98TH ST
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: JAMES CRESSEY − UNKNOWN Spiller Phone:
DEC Investigator: VXBREVDO Contact for more spill info: JAMES CRESSEY Contact Person Phone: (631) 269−8800

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/20/2009		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

geo probe − soil sample − per mortgage co − large property − tanks abandoned approximately 10 years ago − 1 tank 30000 gal tank − tank abandoned in place. Abra Consulting and Contracting Inc. did abandonment 9 years ago

DEC Investigator Remarks:

Contaminated soil found via geo probe when testing around abandoned #6 oil tanks. Need to send CSL

May 4, 2016 − V. Brevdo As per memorandum from Spill Prevention and Response Section Chief Randall Austin, this spill remediation case is transferred to Remediation Section B as this is a long−term remediation project. VB

Residential High−Rise Buildings, 61−25 and 61−45 98th Street, Rego Park, Queens (Spills Nos. 0909341 and 0909344) Visual evidence of suspected #6 fuel oil impact were observed during a prior Phase I Environmental Site Assessment. A subsequent subsurface investigation performed in the vicinity of the 25,000 gallon abandoned USTs confirmed fuel oil impacts to the soil. The Department issued two spill numbers assigned to two adjacent buildings respectively. Through a series of additional investigations and remediation, a network of 22 monitoring and extraction wells was installed at the site, with 5 wells at Building 61−25 and 17 wells at Building 61−45. Free product was present in numerous wells, with a maximum product thickness of 5.82 feet at Building 61−25 and 9.63 feet at Building 61−45. A Remedial Action Work Plan was prepared and implemented from 2011 to November 2016. The remediation involved the proper abandonment of the USTs and removal of accessible petroleum contaminated soil; implementation of Enhanced Fluid Recovery (EFR); product removal via absorbent socks, and groundwater monitoring. The product thickness noted in monitoring wells has decreased over 5 year period as a direct result of the cumulative effects of EFR events. Oil noted in the wells never impacted individual units in the buildings. The latest round of groundwater monitoring was conducted on November 4, −11, −18, and −28 of 2016. On January 3, 2017, Hydrotech Environmental submitted final remedial report and spill case closure petition for the two spill cases assigned to the site. The findings of final report verified those of previous reports over the past two years and indicate that due to the combined remedial actions taken place at the Site to date, the grossly contaminated soil and free product in the groundwater have been removed to the maximum extent feasible. It appears that product removal has reached asymptotic conditions, and that trace product is present in only a few wells for over 12 months. No significant product has been noticed in any wells for several months. Based upon these findings, Hydrotech Environmental recommended that spills #0909341 and #0909344 be closed. The Department completed review of the final remediation report and project history and data and closed this spill case on January 4, 2017. VB

Map Identification Number 128 **APT. BUILDING** **Spill Number: 0800265** **Close Date: 04/11/2008**
62−60 99TH ST REGO PARK, NY TT−Id: 520A−0214−408

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2614 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 6260 99TH ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: APT. BUILDING Spiller Phone:
DEC Investigator: RMPIPER Contact for more spill info: Contact Person Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
04/07/2008		UNKNOWN	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
UNKNOWN PETROLEUM	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

IS AFRAID OIL IS NOT BEING CLEANED FROM PROERTY AS IT SHOULD AND IT WILL BE CARRIED TO HIS WELL; HAS BEEN ONGOING FOR A FEW DAYS;

DEC Investigator Remarks:

Piper= I performed site visit. Due to real estate trans. soil borings are being completed. Contamiantion was found. Contractor to report findings. Spill has open spill already. This spill closed. See 0712056

Map Identification Number 129 **59−17 JUNCTION BLVD.** **Spill Number: 0313154** **Close Date: 03/01/2004**
59−17 JUNCTION BLVD. QUEENS, NY TT−Id: 520A−0133−214

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2619 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 5917 JUNCTION BLVD.
Revised zip code: NO CHANGE

Source of Spill: UNKNOWN Spiller: Spiller Phone:
DEC Investigator: SMSANGES Contact for more spill info: ENZO CATANZARO Contact Person Phone: (718) 595−4784

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: ENZO CATANZARO Caller Agency: NYC DEPT.ENVIRO. PROTECTI Caller Phone: (718) 595−4784
Notifier Name: ENZO CATANZARO Notifier Type: Other Notifier Phone: (718) 595−4784

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
03/01/2004		OTHER	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	0	POUNDS	0	POUNDS	SOIL

Caller Remarks:

one of the containers overturned causing about 1 pint of diesel fuel to spill. they put speedy dry on the spill and cleaned it up

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND Minor spill from a DEP generator trailer. Spill was cleaned up. No ongoing problem.

Spill Closed



CLOSED STATUS HAZARDOUS SPILLS − MISC. SPILL CAUSES − EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM AND STORMS − WITHIN 1/2 MILE SEARCH RADIUS.
All spills mapped and profiled within 1/8 mile. Between 1/8 mile and 1/2 mile search radius, spills reported to be greater than 100 units and spills reported in the NYSDEC Fall 1998 MTBE Survey are mapped and profiled. Spills reported to be less than 100 units are listed in a table at the end of this section.

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

Map Identification Number 130 **CONTRUCTION SITE** **Spill Number: 2203109** **Close Date: 08/03/2022**
63−68 AUSTIN ST QUEENS, NY TT−Id: 520A−0379−113

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 256 feet to the SE

ADDRESS CHANGE INFORMATION
Revised street: 6368 AUSTIN ST
Revised zip code: UNKNOWN

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: JOE SGUEGLIN − TBD Spiller Phone:
DEC Investigator: EJKIM Contact for more spill info: JOE SGUEGLIN Contact Person Phone: (631) 766−4938

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
07/11/2022		HUMAN ERROR	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	0	GALLONS	0	GALLONS	SOIL

Caller Remarks:

Clean up pending.

DEC Investigator Remarks:

7/11/22−Zhune spoke to Joe Sgueglin 631−766−4938. He said They have an Environmental Consulting. The property is an E designation site. During excavation the contractor hit an UST tank. The tank was enclosed in concrete. the tank was a vaulted tank. There was fuel oil in the tank. Soil was impacted. The contractor will remove the remaining oil in the tank and the

tank. They will collect samples to delineate the area. Once they have the approval from the disposal facility they will remove the soil impacted and collect end point samples to verify all contamination has been properly removed.

8/3/22 − Kim − On 8/2/22, I received a Spill Closure Report prepared by Advanced Cleanup Technologies (ACT) on behalf of the property owner. On 7/14 and 7/15, ACT conducted oversaw the removal of the UST, excavation and screening of contaminated soil, and the collection and analysis of four endpoint soil samples. ACT did not have an endpoint sample collected from the western sidewall due to a concrete wall in that area, likely associated with the former building´s foundation. The sidewall endpoint samples were collected at a depth of 8−9ft bgs, where the UST was discovered, and an endpoint sample (EP−4) was collected from the base of excavation at 13−14ft bgs. There was one exceedance of NYSDEC UUSCOs: Total Xylenes in endpoint sample EP−4 detected at 0.322mg/Kg. No other exceedances of NYSDEC UUSCOs VOCs or SVOCs were detected in the soil. Based on the information provided in the Spill Closure Report, this spill case is closed − end

Map Identification Number 131 **LIRR** **Spill Number: 9702885** **Close Date: 02/06/1998**
63RD DRIVE N OF MAIN LINE QUEENS, NY TT−Id: 520A−0139−137

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 320 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 63RD DR / LIRR
Revised zip code: 11374

Source of Spill: COMMERCIAL VEHICLE Spiller: JEFF EHRLICH − LIRR Spiller Phone: (718) 558−8204
DEC Investigator: TJDEMEO Contact for more spill info: ANDREW WILSON Contact Person Phone: (716) 558−3081

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: ANDREW WILSON Caller Agency: LONG ISLAND RAILROAD Caller Phone: (718) 558−3081
Notifier Name: TRACK SUPERVISOR Notifier Type: Responsible Party Notifier Phone: (718) 558−3081

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/06/1997		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	20.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

TRUCK WAS CROSSING RAIL ROAD TRACKS WHEN FUEL TANK BROKE CAUSING SPILL ONTO GROUND−SPILL HAS BEEN CONTAINED AND IN PROCESS OF

BEING CLEANED UP−PAGER #917−247−1902

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO SEE REPORT. 08/22/01: INVESTIGATOR CHANGED FROM TOMASELLO TO T. DEMEO.

Map Identification Number 132 **SPILL NUMBER 9812487** **Spill Number: 9812487** **Close Date: 11/03/2003**

93−06 63RD DR QUEENS, NY TT−Id: 520A−0127−798

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 478 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 9306 63RD DR
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL VEHICLE Spiller: UNKNOWN Spiller Phone:
DEC Investigator: RWAUSTIN Contact for more spill info: DEPUTY 14 Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: DISPT 358 Caller Agency: NYFD Caller Phone: (718) 847−6600
Notifier Name: Notifier Type: Fire Department Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/09/1999		TRAFFIC ACCIDENT	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	300.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

a tanker rolled over and caused the spill to enter into the sewer system.fire dept and hazmat on scene.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN FAXED TO DEP. 11/3/03 − AUSTIN − SURF. SPILL TO SEWER − CLOSED − ORIG. ASSIGNED TO MULQUEEN − END

Map Identification Number 133 **PS 139** **Spill Number: 9812486** **Close Date: 02/23/1999**
93−06 63RD DR REGO PARK, NY TT−Id: 520A−0127−797

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 478 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 9306 63RD DR
Revised zip code: NO CHANGE

Source of Spill: INSTITUTIONAL, EDUC, GOV, OTHER
DEC Investigator: MMMULQUE
Spiller: JOE AMATO − PS 139
Contact for more spill info: JOE AMATO (SCA)
Spiller Phone:
Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: ONEIDA RODRIGUEZ
Caller Agency: EAST COAST PETROLEUM
Caller Phone: (718) 402−5107
Notifier Name: PALO (DRIVER)
Notifier Type: Responsible Party
Notifier Phone: (718) 402−5107

Category: Known release which created a fire/explosion hazards (inside or outdoors), drinking water supply contamination, or significant releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/09/1999		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	1000	GALLONS	1000	GALLONS	SOIL

Caller Remarks:

driver filling up temporary 3500 gal tank − tank fell over while filling − spill to ground − spill not contained req call back

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN SCHOOL CONSTRUCTION AUTHORITY CONTRACTED WITH BG NATIONAL PLUMBING CONTRACTOR TO PERFORM RENOVATIONS TO THE BOILER SYSTEM OF PS 139Q. BG NATIONAL USED MOBIL STEAM BOILER CORP WHO DELIVERED A TEMPORARY STEAM BOILER MOUNTED IN A TRAILER BODY, AND A 3500 GALLON TANK TRAILER, WITH REAR WHEELS AND SUPPORT LEGS. THE TEMPORARY HEAT SYSTEM WAS DELIVERED TO THE SITE IN THE LAST WEEK OF SEPTEMBER, 1998. BG NATIONAL HAD PIPED THE BOILER SYSTEM TO THE SCHOOL AND EAST COAST PETROLEUM HAD THE CONTRACT WITH THE DIVISION OF SCHOOL FACILITIES TO DELIVER OIL. EAST COAST WAS DELIVERING OIL TO TANK TRAILER WHEN TRAILER SUPPORT LEGS COLLAPSED, AND TRAILER LURCHED FORWARD. DRIVER WAS INJURED WITH UNSPECIFIED BACK AND NECK PROBLEMS AND WAS TRANSPORTED TO HOSPITAL. PRODUCT RELEASED THROUGH TOP OF TANK TRAILER AND THROUGH CRACKS IN ALUMINUM BODY. PRODUCT IMPACTED STORM DRAIN IN SCHOOL COURTYARD, UNTIL FDNY COULD BLOCK DRAIN AND CONTAIN PRODUCT. FDNY 46TH BATTALIAN CHIEF ACERNO ORDERED EAST COAST TO HIRE A CLEANUP CONTRACTOR. EAST COAST NOTIFIED THEIR INSURANCE REPRESENTATIVE, SWEET CLAIMS, WHO HIRED TRI−STATE TO CLEAN UP THE RELEASE. MOBIL STEAM BOILER WAS CONTACTED, AND RETAINED PETROLEUM TANK CLEANERS IN CASE TANK TRAILER NEEDED TO BE CLEANED OR MOVED. NYC BD OF ED SCHOOL DISTRICT 28 PLANT MANAGER, SUSAN DALASANDRO, 718−349−5478 NYC BD OF ED QUEENS BOROUGH PLANT MANAGER THOMAS MANGIOLOMINI, 718−349−5475 DEPUTY DIR. OF

ADMINISTATION, SCHOOL FACILITIES, FRANK CARDELLO 718−391−6832 SCHOOL CONSTRUCTION AUTHORITY PROJECT MANAGER, JOSEPH AMATO 718−472−8144 46TH BATTALIAN CHIEF ACERNO 718−476−6246 BG INTERNATIONAL, BENEDETTO GIAMBRONA 718−476−2220 TRISTATE ARRIVED ON SCENE AT 13:36 HOURS FOR CLEANUP 3500 GALLON TANK NOT REGISTERED, NO SECONDARY CONTAINMENT, NO BACKFLOW PREVENTION, INADEQUATE SUPPORT, NO OVERFILL PROTECTION.

Map Identification Number 134 **MANHOLE 13763** **Spill Number: 0010055** **Close Date: 01/18/2001**
63RD DR & ALDERTON ST QUEENS, NY TT−Id: 520A−0123−103

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 576 feet to the SSW

ADDRESS CHANGE INFORMATION
Revised street: 63RD DR / ALDERTON ST
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: CON EDISON Spiller Phone: (212) 580−6763
DEC Investigator: JHOCONNE Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: PETE MCGUIRE Caller Agency: CON EDISON Caller Phone: (212) 580−6763
Notifier Name: CHRISTINE NEVILLE Notifier Type: Responsible Party Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
12/06/2000		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
CABLE OIL	PETROLEUM	1.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

LEAKED FROM A REGULATOR TANK − NO SEWERS OR WATERWAYS − SPILL IS CONTAINED − SAMPLES TAKEN − CLEAN UP PENDING RESULTS − REF #134641

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis Notes:

Found 1 quart cable oil leaked from regulator tank in MH13763. Splicer stated he made repairs and contained the leak. Oil spilled onto dirt on floor covering a 2'sq. Sample taken from source and returned <1ppm PCB. Cleanup completed by double

washing with slix. Waste removed by vactor. No leaking equipment. Sump found cemented. KMF 4/11/01

Map Identification Number 135 **BUSINESS** **Spill Number: 9603348** **Close Date: 07/22/2005**
60 3RD AVE/S OF AUSTIN ST QUEENS, NY TT−Id: 520A−0128−314

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 596 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 63RD AVE / AUSTIN ST
Revised zip code: 11374

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: RICHARD ROACH − CON EDISON Spiller Phone: (212) 580−6764
DEC Investigator: JHOCONNE Contact for more spill info: LISA PRIMEGGIA Contact Person Phone: (212) 580−6763

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: LISA PRIMEGGIA Caller Agency: CON ED Caller Phone: (212) 580−6763
Notifier Name: MR CICILIATO Notifier Type: Responsible Party Notifier Phone: (212) 580−6763

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
06/10/1996		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIELECTRIC FLUID	PETROLEUM	5.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

transformer oil on to gravel−in process of being cleaned up

DEC Investigator Remarks:

7/22/05

Inspection of station was completed on 5/25/05 and found repairs made to valve and cleanup completed.

Map Identification Number 136 **96−37 QUEENS BLVD/QUEENS** **Spill Number: 9009240** **Close Date: 11/16/1994**
96−37 QUEENS BLVD QUEENS, NY TT−Id: 520A−0125−639

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1233 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9637 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: TANK TRUCK Spiller: PETRO HEAT & POWER Spiller Phone: (718) 275−9312
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: JULIE O'BRIEN Caller Agency: PETRO HEAT & POWER Caller Phone: (718) 545−4500
Notifier Name: Notifier Type: Responsible Party Notifier Phone:

Category: Possible petroleum release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters, known releases with no potential for damage, or non−petroleum/non−hazardous spills.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
11/24/1990	11/16/1994	HUMAN ERROR	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#2 FUEL OIL	PETROLEUM	150.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

DELIVERED PRODUCT TO WRONG ADDRESS, PETRO HEAT & POWER CLEANING UP

WITH SPEEDY DRY & ODOR KILL.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 137 **65−61 SAUNDER ST.** **Spill Number: 9312070** **Close Date: 04/14/1994**
65−61 SAUNDER ST REGO PARK, NY TT−Id: 520A−0128−693

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 1971 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6561 SAUNDERS ST
Revised zip code: 11374

Source of Spill: PRIVATE DWELLING Spiller: UNK OIL CO. Spiller Phone:
DEC Investigator: SULLIVAN Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: JEANNE SCHREIBER Caller Agency: NYC DEP Caller Phone: (718) 595−6700
Notifier Name: Notifier Type: Local Agency Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
01/07/1994	04/14/1994	HUMAN ERROR	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	6000	GALLONS	0	GALLONS	SOIL

Caller Remarks:

DELIVERED TO OIL TANK WITH LEAK IN IT − CONTAINED IN BASEMENT − HAZMAT WAS NOTIFIED.

DEC Investigator Remarks:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was GENE SULLIVAN

Map Identification Number 138 **VAULT VS5583** **Spill Number: 0312416** **Close Date: 02/09/2004**
AUSTIN ST & 66TH AVE QUEENS, NY TT−Id: 520A−0123−449

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 2063 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: AUSTIN ST / 66TH AVE
Revised zip code: NO CHANGE

Source of Spill: COMMERCIAL/INDUSTRIAL Spiller: ERT − CON EDISON Spiller Phone: (212) 580−8383
DEC Investigator: SKARAKHA Contact for more spill info: ERT Contact Person Phone: (212) 580−8383

The following caller and notifier data has been withheld by the NYSDEC since 2006.

Caller Name: SEAN MCKEEVER Caller Agency: CONED Caller Phone: (212) 580−6763
Notifier Name: DONATONE Notifier Type: Local Agency Notifier Phone: (212) 580−8383

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
02/07/2004		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
TRANSFORMER OIL	PETROLEUM	325.00	GALLONS	0.00	GALLONS	GROUNDWATER

Caller Remarks:

initial reports was 1 of transformer oil in 30 gallons of water. Tests show that 325 gallons is missing. Test show 14 ppm

DEC Investigator Remarks:

Feb 7, 2004 07:45 Hr.

MR. PLATT 10765 (FOD) REPORTS, FOUND ONE GALLON OF UNKNOWN OIL ON 5 GALLONS OF WATER IN VS5583. AT THIS TIME OIL APPEARS TO BE CONTAINED AND NO SEWERS OR WATERWAYS WERE AFFECTED. NO SEWER CONNECTIONS OR SUMPS NOTICED AND ONE LIQUID SAMPLE WAS TAKEN AND WILL BE TESTED FOR PCB. CLEANUP PENDING PRESSURE TESTING AND LAB SAMPLE.

UPDATE 2−7−04 10:45HRS C. BENNETTE (EQUIPMENT) REPORTS, PRESSURE TESTED UNIT AND HOLDS PRESSURE, HOWEVER GUAGE SHOWS VERY BELOW MIN.

UPDATE 2−7− 11:30HRS C. BENNETTE REPORTS, RE−TESTED VS55 AND RESULTS ARE THE SAME AS BEFORE,VERY BELOW MIN.

UPDATE 2−7−04 11:50HRS HISTORICAL RECORDS INDICATE 14 PPM'S 6/20/96

2/7/04−2015HRS BENNET NETW REPORTS UNIT WAS DRAINED OF 30 GALLONS OF OIL. VS−5583 IS MARKED F0R 55 GALLONS. 325 GALLONS UNCOUNTED FOR AT THIS TIME.

2/7/04=2130HRS STEVENS ENVIR OPPS REPORTS FOUND SUMP SEALED.

2/7/04=50HRS ENVIR MGR RON JAMES REPORTS AT 20HRS DEP WAI MAN WONG ARRIVED ON LOCATION HE WAS SHOWN THE SPILL AREA AND EXPLANED CLEANUP PLANS.

UPDATE: 07−FEB−2004 2339HRS A. ADLER REPORTS THE CRAB COMPARTMENT WAS ALSO CLEANED. THERE WAS NO WEEP HOLES CONNECTING TO THE VALUT.

UPDATE: 08−FEB−2004 0040HRS STEVENS REPORTS DOUBLE WASHED STRUCTURE WITH BIO GEN 760. REMOVED ALL LIQUID. SUMPS IN STRUCTURE WERE FOUND SEALED. TAG REMAINES IN PLACE UNTIL REMOVAL OF UNIT. CLEANUP 100%.

Update − 1800hrs − 2/8/04 As per D. Hearns unit has been removed.

UPDATE: 2/8/04 − 2345 J. WHEIS − ENV. OPS., RPEORTS CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH SLIX & BIO GEN 70. SUMP FOUND SEALED.

2/9/04 INSPECTED HOLE AND CHECKED VAULT FOR ANY VISIBLE CRACKS. FOUND NO CRACKS IN STRUCTURE AND ALSO FOUND CEMENTED SUMP & FLOOR WAS CLEANED & FREE OF ANY OIL STAINS. RE−CKECKED TRANSFORMER IN YARD AND DISCOVERED IT STILL HAD OIL IN IT. DRAINED REMANING OIL WITH TANKER AND REMOVED 05 GALLONS. TRANSFORMER IS NOW EMPTY. AMOUNT OF OIL UNCOUNTED FOR IS NOW 220 GALLONS.

Map Identification Number 139 **MOBIL S/S #17−HBT** **Spill Number: 0007454** **Close Date: 08/16/2010**
64−01 WOODHAVEN BLVD REGO PARK, NY TT−Id: 520A−0124−220

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2307 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 6401 WOODHAVEN BLVD
Revised zip code: NO CHANGE

Source of Spill: GASOLINE STATION OR PBS FACILITY Spiller: MELISSA TACCHINO − EXXONMOBIL CORPORATION Spiller Phone: (908) 730−3610
DEC Investigator: MJHAGGER Contact for more spill info: GAIL HELFRICK Contact Person Phone: (609) 631−0276

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: EVERETT SIMMONS Caller Agency: TANKNOLOGY Caller Phone: (800) 964−0010 ext. 1 ext: 191
Notifier Name: LOCATION Notifier Type: Other Notifier Phone:

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
09/25/2000		EQUIPMENT FAILURE	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
GASOLINE	PETROLEUM	0	GALLONS	0	GALLONS	SOIL, GROUNDWATER
MTBE (METHYL−TERT−BUTYL ETHER)	HAZARDOUS MATERIAL	0		0		

Caller Remarks:

Caller was notified of leak in piping at gas station. repairs are being made and further inv. is going on...gravel that was cont. is being removed.

DEC Investigator Remarks:

This case has been consolidated under spill no. 00−07454. See also spill nos. 89−03316, 90−08071, and 98−08388.

2/10/2004: This spill case was reassigned from Sigona to Rommel for management. (Sigona)

9/17/2004: Subsurface Investigation Work Plan approved by DEC via e−mail to Brian Kelly of GSC. (Rommel)

12/7/2004: Site transferred to Dave Harrington (Central Office) for management. (Rommel)

5/23/2005: Sent letter to Exxon Mobil approving SI report and supplemental SI work plan. (Harrington)

9/26/2005: Sent letter to Exxon Mobil approving supplemental SI report. RAP to be submitted after completion of four (4) quarterly EFR and groundwater sampling events. (Harrington)

5/18/2006: Approved supplemental SI work plan for off−site well installation. (Harrington)

3/8/07 − DEC lead changed from Dave Harrington to Mike Haggerty

1/30/08 − Haggerty − spoke with Shan Zuidema from Kleinfelder (845−567−6530) concerning site. We previously discussed the fact that the formation around MW−1 may not accept injections. This is the only real area of concern with 40ppm of MTBE. Since there is very little MTBE directly down−gradient and EFR's couldn't remove much volume from this well, I believe contamination is locked in silt.

9/08 − Haggerty: met with Kleinfelder at DEC/ExxonMobil meeting. MTBE concentrations have decreased considerably (under 10ppm) and contamination is not moving off−site. At this point, PM not requiring active remediation, although, if MTBE increases back over 10ppm, PM will require remediation

April '10 Effectiveness of Enhanced Fluid Recovery limited due to tight subsurface conditions in area of contamination. Contamination is confined in 1 small area. MTBE is the only contaminant of concern. It appears very little MTBE migrating off−site. MTBE contamination measured at significantly decreased over the past 2 years. PM reduced sampling to only 3 wells

8/16/10 − Haggerty: Spill closed.

Spilled called in due to pipe leak and caller remarks state that contaminated gravel was being excavated although no records could be found when requested. The highest BTEX in groundwater concentration since sampling began was 8ppb in 2004. MTBE concentrations have consistently decreased over the past 2 years to 600ppb in source area well. Downgradient wells demonstrate that minimimal MTBE concentrations moving off−site. November 2010 − EM has handed the project over to East River Petroleum Realty LLC. See 11/18/10 letter from Liberty.(sd)

Map Identification Number 140 **SINRAM MARNIS/QUEENS BLVD** **Spill Number: 8804495** **Close Date: 12/04/1992**
98−51 QUEENS BLVD NEW YORK CITY, NY TT−Id: 520A−0138−132

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 2346 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 9851 QUEENS BLVD
Revised zip code: NO CHANGE

Source of Spill: PRIVATE DWELLING Spiller: SINRAM MARNIS Spiller Phone: (212) 993−7656
DEC Investigator: SIGONA Contact for more spill info: Contact Person Phone:

The following caller and notifier data has been withheld by the NYSDEC since 2006.
Caller Name: RANDY AUSTIN Caller Agency: NYSDEC Caller Phone: (718) 482−4933
Notifier Name: Notifier Type: Other Notifier Phone:

Category: Known or probable release, where, without action, there is a potential for a fire/explosion hazard (indoors or outdoors), contamination of drinking water supplies, or significant release to surface waters.
Class: Willing RP − DEC Field Response − Corrective Action Initiated, Taken Over, or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
08/22/1988	12/04/1992	EQUIPMENT FAILURE	UNKNOWN	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
#6 FUEL OIL	PETROLEUM	300.00	GALLONS	0.00	GALLONS	SEWER

Caller Remarks:

SPILL CAUSED BY POSSIBLE PROBLEM W/TANK GAUGE, CAUSING TANK OVERFILL, SPILL THROUGH VENT LINE ONTO STREET DOWN 2 BLOCKS./ALANTIC FUEL TO FINISH SOIL REMOVAL AND STAINING.DEC TO FOLLOWUP.

DEC Investigator Remarks: NO DEC INVESTIGATOR REMARKS GIVEN FOR THIS SPILL.

Map Identification Number 141 **WOODHAVEN BLVD/LONG ISLAN** **Spill Number: 0608207** **Close Date: 10/18/2006**
WOODHAVEN BLVD/LONG ISLAN QUEENS, NY TT−Id: 520A−0137−758

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (4)
Approximate distance from property: 2471 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: WOODHAVEN BLVD / LONG ISLAND EXWY
Revised zip code: 11373

Source of Spill: TANK TRUCK Spiller: Spiller Phone:
DEC Investigator: HRPATEL Contact for more spill info: OFFICER KENNELLI Contact Person Phone: (646) 610−5580

Category: Known petroleum or hazardous material release with minimal potential for fire/explosion (indoors or outdoors), drinking water contamination, or releases to surface waters.
Class: Willing RP − No DEC Field Response − Corrective Action Initiated or Completed by RP or Other Agency

Spill Date	Date Cleanup Ceased	Cause of Spill	Meets Cleanup Standards	Penalty Recommended
10/18/2006		TRAFFIC ACCIDENT	NO	NO

Material Spilled	Material Class	Quantity Spilled	Units	Quantity Recovered	Units	Resource(s) Affected
DIESEL	PETROLEUM	100.00	GALLONS	0.00	GALLONS	SOIL

Caller Remarks:

ruptured tank from a jck−knifed tractor trailer. police on scene, clean−up crew notified 2mile from queend midtown tunnel on main roadway east bound

DEC Investigator Remarks:

cleaned up.

THE FOLLOWING CLOSED SPILLS FOR THIS CATEGORY WERE REPORTED BETWEEN 1/8 MILE AND 1/2 MILE FROM THE SUBJECT ADDRESS. THESE SPILLS WERE REPORTED TO BE LESS THAN 100 UNITS IN QUANTITY AND CAUSED BY: EQUIPMENT FAILURE, HUMAN ERROR, TANK OVERFILL, DELIBERATE SPILL, TRAFFIC ACCIDENT, HOUSEKEEPING, ABANDONED DRUM, VANDALISM OR STORMS. THESE SPILLS ARE NEITHER MAPPED NOR PROFILED IN THIS REPORT.

FACILITY ID	FACILITY NAME	STREET	CITY
9110313	94−01 64TH RD	94−01 64TH RD	REGO PARK
9413405	6320 SAUNDERS STREET	6320 SAUNDERS STREET	REGO PARK
0705512	63−20 SAUNDERS STREET	63−20 SAUNDERS STREET	REGO PARK
9608554	63−105 ALDERTON ST	63−105 ALDERTON ST	REGO PARK
8809343	KATZ RESIDENCE	63−105 ALDERTON ST	REGO PARK
9811866	SPILL NUMBER 9811866	63−43 HARING ST	REGO PARK
1305317	CONED ON ROADWAY	64TH RD & WETHERAL ST	QUEENS
9510209	63−125 ALDERTON ST	63−125 ALDERTON STREET	REGO PARK
9416725	63−125 ALDERTON STREET	63−125 ALDERTON STREET	REGO PARK
9212193	63−42 HARING STREET	63−42 HARING STREET	REGO PARK
9011419	63−42 HARING ST/QUEENS	63−42 HARING STREET	NEW YORK CITY
9901075	63−120 ALDERTON AVE SOURCE	63−118 ALDERTON AVE	ELMHURST
8911293	62−98 SAUNDERS ST/QUEENS	62098 SAUNDERS STREET	NEW YORK CITY
9003282	89−10 63RD DR/QUEENS	89−10 63RD DRIVE	NEW YORK CITY
9504201	90−05 63RD AVENUE	90−05 63RD AVENUE	REGO PARK

9001041	90−05 63RD AVE/QUEENS	90−05 63RD AVENUE	NEW YORK CITY
0109714	IFO THE APARTMENT BLDG	64−57 WETHEROLE ST	QUEENS
9010028	96=66 QUEENS BLVD/QUEENS	96−66 QUEENS BLVD	NEW YORK CITY
9302777	6295 SOUNDERS ST	6295 SOUNDRS ST	REGO PARK
0409494	VAULT #0934	96−01 QUEENS BLVD	QUEENS
0713713	APARTMENT	62−82 SAUNDERS STREET	REGO PARK
9314305	6420 SAUNDERS ST.	6420 SAUNDERS ST.	FOREST HILLS
9213770	64−85 BOOTH ST	64−85 BOOTH ST	REGO PARK
0003068	VAULT 8953	64TH AV /QUEENS BLVD	QUEENS
0804724	APARTMENT BLDG.	88−04 63RD DRIVE	REGO PARK
0012443	SPILL NUMBER 0012443	88−04 63RD DR	QUEENS
0010898	APARTMENT BUILDING	88−04 63RD DRIVE	REGO PARK
9807782	CON ED STREET VAULT	62ND DRIVE & QUEENS BLVD	NEW YORK
9301301	LIRR	63 AVENUE (SUBWAY STATION	REGO PARK
0910827	VAULT 3731	62END DRIVE AND QUEENS BLVD.	QUEENS
0907129	VAULT # VS4004	62ND DRIVE & QUEENS BLVD	QUEENS
9007042	52−54 WETHEROLE ST/QUEENS	52−54 WETHEROLE STREET	NEW YORK CITY
1710059	MOBIL GAS STATION	96−27 QUEENS BLVD	REGAL PARK
9608368	87−56 62ND ROAD	87−56 62ND ROAD	REGO PARK
9511781	87−56 62ND ROAD	87−56 62ND ROAD	REGO PARK
9713548	96−37 QUEENS BLVD	96−37 QUEENS BLVD	REGAL PARK
9011121	96−37 QUEENS BLVD/QUEENS	96−37 QUEENS BLVD	NEW YORK CITY
9300673	8820 63RD AVE	8820 63RD AVE	REGO PARK
9913030	8748 62 ROAD	8748 62 ROAD	REGO PARK
0890153	207164; 64 RD	64 RD	
0605619	ONE PINT OIL IN MANHOLE 1263	QUEENS BLVD & 64 ROAD	QUEENS
1215105	LEAKING FUEL OIL RETURN LINE	62−65 SAUNDERS ST	REGO PARK
0305873	JEWISH CENTER	97−30 QUEENS BLVD	REGO PARK
9605935	A T & T	94−03 QUEENS BLVD	REGO PARK
0504107	TRANSFORMER VAULT TM6573	WETHERLOE STREET/65TH	QUEENS
9500886	96−11 65TH ROAD	96−11 65TH ROAD	FOREST HILLS
1103973	PRIVATE HOME	61−39 WETHEROLE STREET	REGO PARK
0890271	208551; 65 RD; M−11664 (6Q29)	65 RD; M−11664 (6Q29)	
1010399	APARTMENT BUILDING	65−36 WETHEROLE ST.	QUEENS
9304946	9745 QUEENS BLVD	9745 QUEENS BLVD	REGO PARK
9513053	63−57 FITCHETT ST	63−57 FITCHETT ST	REGO PARK
2301508	ON THE ROAD INTERSECTION OF 65TH RD & SAUNDERS ST	65TH ROAD & SAUNDERS STREET	QUEENS
2301506	ROADWAY	65TH ROAD AND SAUNDERS STREET	QUEENS
9907426	MANHOLE	62ND AVE & QUEENS BLVD	QUEENS
0103078	62ND RD SUBSTATION	62ND RD QUEENS BL	QUEENS
2208059	RESIDENTIAL− APT BLDG	65−44 SAUNDERS ST	QUEENS
0609396	APARTMENT BUILDING BOILER	65−44 SAUNDERS STREET	REGO PARK
9600772	JD BAKERY	97−20 63RD RD	REGO PARK
9213707	97−20 63RD RD.	97−20 63RD RD	REGO PARK

9001614	97−25 63RD DRIVE/QUEENS	97−25 63RD DRIVE	NEW YORK CITY
0509490	APARTMENT	9777 QUEENS BLVD	QUEENS
9501392	63−34 FITCHETT ST	63−34 FITCHETT STREET	REGO PARK
0211575	MIDSTATE MANAGEMENT	97−29 64TH ROAD	REGO PARK
9511878	65−62 SAUNDERS ST	65−62 SAUNDERS ST	QUEENS
9413444	62−62 SAUNDERS ST	65−62 SAUNDERS AVENUE	REGO PARK
0509491	SIDEWALK SPILL	64 RD/98TH ST	QUEENS
0005624	ACROSS FROM	63−35 CROMWELL CRESCENT	REGO PARK
0504089	MANHOLE TM6571	WEATHEROLE ST/ELLIOT AVE	QUEENS
0103806	VAULT 1728	IFO 64−39 98TH ST	QUEENS
9801457	GETTY GAS STA.	6101 WOODHAVEN BLVD	REGO PARK
0400545	MANHOLE#5613	63RD DR/EVERTON ST	QUEENS
0902278	CONDO COMPLEX	92−40 QUEENS BLVD	QUEENS
1803372	DRY HARBOR /ALLIANCE GLOBAL	61−60 WOODHAVEN BLVD	REGAL PARK
1706588	MOBILE SITE	61−60 WOODHAVEN BLVD	REGO PARK
1103750	ASPHALT	6160 WOODHAVEN BLVD	QUEENS
9312048	65−61 SAUNDERS ST.	65−61 SAUNDERS ST.	QUEENS
1004199	IN HALL WAY OF APARTMENT BUILDING	6149 DRY HARBOR RD	MIDDLE VILLAGE
0810508	CORNER LOT	97TH PLACE /67TH DRIVE	QUEENS
9701331	PARK CITY APTS INC	97−07 63RD RD	REGO PARK
9700965	98−05 63RD RD	98−05 63RD RD	REGO PARK
1008354	MULTI RESIDENTIAL BUILDING	97−07 63RD RD	QUEENS
1204161	DRUM RUN	EASTBOUND HORACE HARDING EXPY	QUEENS
9303543	63−58 WOODHAVEN BLVD	63−58 WOODHAVEN BLVD	REGO PARK
1310348	UNDERGROUND TANK	94−20 66TH AVE	REGO PARK
1214623	UNK	94 −20 66TH AVE	NEW YORK
1111832	APARTMENT BUILDING	94−20 66 AVE	QUEENS
0510558	MANHOLE #13671	NORTHSIDE OF 64 RD NEAR FITCHETT ST	QUEENS
0007855	SPILL NUMBER 0007855	98−11 65TH AVE	REGO PARK
8710666	REGULATOR #11/QUEENS	94TH ST & LONG ISLAND EXP	NEW YORK CITY
9706272	60TH DR & WOODHAVEN	60TH DR. & WOODHAVEN	QUEENS
9601838	LONG ISLAND EXPRESSWAY	EB AT QUEENS BLVD EXIT	NEW YORK
1503855	QUEENS BLVD EXIT	LONG ISLAND EXPRESSWAY EB	QUEENS
9507879	6615 WEATHERALL ST	6615 WEATHERALL ST	QUEENS
9412728	66−15 WETHERBE ST	66−15 WWETHERBE ST	REGO PARK
9903877	MANHOLE 8972	63RD AV / 4TH PLACE	QUEENS
0111170	QUEENS BLVD	AND 66TH AVE	QUEENS
0009887	MANHOLE 1266	QUEENS BLVD//66TH AVE	QUEENS
8911193	64−31 ELWELL CRES/QUEENS	64−31 ELWELL CRES	NEW YORK CITY
9901045	SPILL NUMBER 9901045	LI EXPRESSWAY/JUNCTION BL	NEW YORK
2104466	COMMERCIAL	HORACE HARDING EXPRESSWAY/JUNCTION BLVD	CORONA
0111866	MH 11451	HORACE HARDING EXP/JUNCT	QUEENS
0106138	ROADWAY	LIE & JUNCTION BLVD	NEW YORK
0105265	SPILL NUMBER 0105265	LIE WEST @ JUNCTION BLVD	QUEENS

8908295	QUEENS LIGHTHOUSE	60−05 WOODHAVEN BLVD	WOODHAVEN
9901683	EXXONMOBIL	64−01 WOODHAVEN BLVD	QUEENS
1607887	MOBILE	64−1 WOODHAVEN BLVD	REGO PARK
8911562	O KUMPIES RESDNC − QNS	64−35 FITCHET ST	REGO PARK
0890268	208511; HORACE HARDING EXPY; V−428	HORACE HARDING EXPY; V−428	
2000476	ROADWAY SPILL	WOODHAVEN BLVD AND BOOTH ST	QUEENS
9411521	CHURCH OF LATTER DAY ST.	86−06 60TH ROAD	ELMHURST
8607296	63−62 84TH PLACE / QUEENS	63−62 84TH PLACE	NEW YORK CITY
9003183	63−15 84TH ST/QUEENS	63−15 84TH STREET	NEW YORK CITY
9911900	VAULT 1097	97TH ST HORACE HARDING	QUEENS
9813989	VAULT #1854	97TH ST & HORACE HARDING	QUEENS
0612878	RESIDENTIAL	84−35 61ST ROAD	QUEENS
0913769	TRANSFORMER	61−88 DRY HARBOR RD	QUEENS
9212728	LIE	LIE & WOODHAVEN	FOREST HILLS
8909151	AMOCO S/S / QNS	L I E @ WOODHAVEN BLVD	QUEENS
0301000	MANHOLE #8930	NW CORNER 99TH ST & 64TH	QUEENS
0914497	218598; 64 AVENUE AND 99 STREET	64 AVENUE AND 99 STREET	QUEENS
0505729	VAULT 1809	64 AVE NEAR 99 ST	QUEENS
2001841	2206 SCHOOL	61−21 97TH PL	QUEENS
2108587	TRANSFORMER	DRY HARBOR RD/84TH ST	QUEENS
2008479	CONCRETE	DRY HARBOR RD AND 84TH ST	QUEENS
0106754	MH 1267	98−95 QUEENS BLVD	QUEENS
0703907	LEAKY XFMR IN VAULT 8269 − ONE GAL	FRONT OF 59−17 JUNCTION BLVD	REGO PARK
0300171	VAULT #8269	IFO 59−17 JUNCTION BL	QUEENS
0806123	PARKING GARAGE	61−55 98TH ST	REGO PARK
0709299	CAR	66−46 PHORNTAN PL	QUEENS
0712056	SAXON HALL APARTMENT COMPLEX	62−60 99TH STREET	QUEENS
9511843	64−33 99TH ST	64−33 99TH ST	REGO PARK
9709503	86−05 60TH RD	86−05 60TH RD	ELMHURST
9805566	NYC DEP	59−17 JUCTION BLVD	CORONA
1902873	CON ED VEHICLE ROADWAY	59−17 JUNCTION BLVD	FLUSHING
1610399	STREET	59−17 JUNCTION BLVD	QUEENS
0712175	XFMR IN VAULT 8093 LEAKED HALF OZ	59−17 JUNCTION BLVD	QUEENS
0606167	VS#8430	59−17 JUNCTION BLVD	QUEENS
0201403	EB LIE AT	97TH PLACE	QUEENS



NO OIL STORAGE FACILITIES LARGER THAN 400,000 GALLONS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

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

Map Identification Number 142 **POLO LLC** **Facility Id: 2−602574** **Source: NYS DEC**
63−50 WETHEROLE STREET REGO PARK, 11374 TT−Id: 640A−0047−265

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 122 feet to the NNE*

ADDRESS CHANGE INFORMATION
Revised street: 6350 WETHEROLE STREET
Revised zip code: NO CHANGE

Site Status: Active
Expiration Date of the facility's registration certificate: 03/22/2027

Facility Type: Apartment Building/Office Building

Operator Name: RAYS BAL
Operator Phone #: (347) 653−7400
Owner Name: ADAM POKRZYWA − OWNER
Owner Company: POLO LLC
Owner Type: Private Resident
Owner Address: 10 EAST LANE, MANHASSET HILLS, NY 10040

TANK NUMBER	TANK STATUS	REGIST.	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed − Removed	Yes	#6 Fuel Oil	5000	Underground			10/01/1994
002	In Service	Yes	#6 Fuel Oil	5000	Aboveground on Crib Rack or Cradle	10/01/1994		

TANK NUMBER: 001
TANK EXT. PROTECTION: None
PIPING EXT. PROTECTN: None
PIPING TYPE: Steel/Carbon Steel/Iron
OVERFILL PROTECTION: Product Level Gauge (A/G)
Vent Whistle
TANK TYPE: Steel/Carbon Steel/Iron
TANK LEAK DETECTN: None
PIPING LEAK DETECTN:
PIPING LOCATION: Aboveground/Underground Combination
SPILL PREVENTION:
TK INT. PROTECTION: None
TK SEC. CONTAINMNT: None
PIPE SEC. CONTAINMNT:
DISPENSER METHOD: Suction

TANK NUMBER: 002
TANK EXT. PROTECTION: Painted/Asphalt Coating
PIPING EXT. PROTECTN: Fiberglass
PIPING TYPE: Steel/Carbon Steel/Iron
OVERFILL PROTECTION: Product Level Gauge (A/G)
Vent Whistle
TANK TYPE: Steel/Carbon Steel/Iron
TANK LEAK DETECTN: None
PIPING LEAK DETECTN: Exempt Suction Piping
PIPING LOCATION: Aboveground
SPILL PREVENTION:
TK INT. PROTECTION: None
TK SEC. CONTAINMNT: Vault (w/o access)
PIPE SEC. CONTAINMNT:
DISPENSER METHOD: Suction

Map Identification Number 143 **STERLING WONG** **Facility Id: NY09509** **Source: NYC FIRE DEPT**
93−01 63 DR QUEENS, NY 11374 TT−Id: 660A−0009−678

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 279 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9301 63RD DR
Revised zip code: NO CHANGE

NOTE: This is an archived database

Comments: FO #2 1080G

Map Identification Number 144 **63−45 WETHEROLE ST** **Facility Id: 2−373435** **Source: NYS DEC**
63−45 WETHEROLE ST REGO PARK, 11374 TT−Id: 640A−0046−832

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 294 feet to the N

ADDRESS CHANGE INFORMATION
Revised street: 6345 WETHEROLE ST
Revised zip code: NO CHANGE

Site Status: Active
Expiration Date of the facility's registration certificate: 06/23/2024

Facility Type: Apartment Building/Office Building

Operator Name: ANTONIO FLORES
Operator Phone #: (917) 838−0582
Owner Name: MARIE E. SAHTILA − MANAGING AGENT
Owner Company: J.A.M. REALTY , LP
Owner Type: Private Resident
Owner Address: 222−15 NORTHERN BLVD, BAYSIDE, NY 11361

TANK NUMBER	TANK STATUS	REGIST.	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Yes	#2 Fuel Oil	3000	Aboveground − In Contact with Soil	06/01/1939		

Map Identification Number 145 **CAPRI APARTMENTS** **Facility Id: 2−202150** **Source: NYS DEC**
63−80 WETHEROLE STREET REGO PARK, 11374 TT−Id: 640A−0044−192

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 295 feet to the E

ADDRESS CHANGE INFORMATION
Revised street: 6380 WETHEROLE STREET
Revised zip code: NO CHANGE

Site Status: Unregulated/Closed
Expiration Date of the facility's registration certificate:

Facility Type: Apartment Building/Office Building

Facility Type 2: Apartment Building

Operator Name: ARMCO MANAGEMENT CO
Operator Phone #: (347) 832−0802
Owner Name: MICHAEL CANDAN − MANAGER
Owner Company: CAPRI APARTMENTS CONDOMINIUM
Owner Type: Corporate or Commercial
Owner Address: 63−80 WETHEROLE STREET, REGO PARK, NY 11374

TANK NUMBER	TANK STATUS	REGIST.	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Closed − Removed	Yes	#2 Fuel Oil	3500	Underground	12/01/1958	03/11/2010	09/06/2013

Map Identification Number 146 **TAS REALTY, LLC** **Facility Id: 2−045071** **Source: NYS DEC**
63−25 AUSTIN ST REGO PARK, 11374 TT−Id: 640A−0044−988

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 302 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: 6325 AUSTIN ST
Revised zip code: NO CHANGE

Site Status: Active
Expiration Date of the facility's registration certificate: 03/04/2025

Facility Type: Apartment Building/Office Building

Operator Name: ANGEL ARCENTALES
Operator Phone #: (718) 406−6077
Owner Name: THEODORE ANAGNOSTOPOULOS − MEMBER
Owner Company: TAS REALTY, LLC
Owner Type: Corporate or Commercial
Owner Address: 39−26 BELL BLVD, BAYSIDE, NY 11361

TANK NUMBER	TANK STATUS	REGIST.	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Yes	#6 Fuel Oil	7000	Aboveground − In Contact with Soil	12/01/1951		

Map Identification Number 147 **63−95 AUSTIN OWNERS CORPORATION** **Facility Id: 2−607529** **Source: NYS DEC**
63−95 AUSTIN STREET REGO PARK, 11374 TT−Id: 640A−0049−369

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 326 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 6395 AUSTIN STREET
Revised zip code: NO CHANGE

Site Status: Active
Expiration Date of the facility's registration certificate: 03/26/2027

Facility Type: Apartment Building/Office Building

Operator Name: 63−95 AUSTIN OWNERS
Operator Phone #: (718) 896−8291
Owner Name: RAY RAHNE − AGENT
Owner Company: 6395 AUSTIN OWNERS CORPORATION
Owner Type: Corporate or Commercial
Owner Address: 108−19 QUEENS BLVD, SUITE 602, FOREST HILLS, NY 11375

TANK NUMBER	TANK STATUS	REGIST.	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Yes	#6 Fuel Oil	5000	Aboveground − In Contact with Soil	01/01/1995		

Map Identification Number 148 **63−94 AUSTIN ST.** **Facility Id: 2−602505** **Source: NYS DEC**
63−70 AUSTIN STREET REGO PARK, 11374 TT−Id: 640A−0047−258

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 502 feet to the ESE

ADDRESS CHANGE INFORMATION
Revised street: 6370 AUSTIN STREET
Revised zip code: NO CHANGE

Site Status: Active
Expiration Date of the facility's registration certificate: 10/19/2025

Facility Type: Apartment Building/Office Building

Operator Name: TAL SHARON
Operator Phone #: (646) 879−4868

Owner Name: ISAK RADONCIC − AGENT
Owner Company: 63−94 AUSTIN REALTY CO. LLC
Owner Type: Corporate or Commercial
Owner Address: 1 PENN PLAZA, STE 4000, NEW YORK, NY 10119

TANK NUMBER	TANK STATUS	REGIST.	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
1	In Service	Yes	#4 Fuel Oil	10000	Abovegrnd − In Contact w/Imperv. Barrier	12/15/1951		

The following tank 1 content has been deleted or replaced: #2 Fuel Oil

Map Identification Number 149 **P.S. 139− QUEENS Q139** **Facility Id: 2−604062** **Source: NYS DEC**
93−06 63RD DRIVE REGO PARK, 11374 TT−Id: 640A−0047−362

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 509 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 9306 63RD DRIVE
Revised zip code: NO CHANGE

Site Status: Active
Expiration Date of the facility's registration certificate: 05/05/2024

Facility Type: School

Operator Name: ANDREW KNEE
Operator Phone #: (718) 459−1044
Owner Name: YOGESHWAR NARINE − MANAGER, FUEL DIVISION
Owner Company: N.Y.C. DEPARTMENT OF EDUCATION
Owner Type: Local Government
Owner Address: 44−36 VERNON BOULEVARD, LONG ISLAND CITY, NY 11101

TANK NUMBER	TANK STATUS	REGIST.	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	In Service	Yes	#2 Fuel Oil	5000	Aboveground on Crib Rack or Cradle	01/01/1999		

Map Identification Number 150 **PARK DRIVE SS INC** **Facility Id: 2−289345** **Source: NYS DEC**
91−02 63 DRIVE REGO PARK, 11374 TT−Id: 640A−0050−378

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 555 feet to the S

ADDRESS CHANGE INFORMATION
Revised street: 9102 63RD DR
Revised zip code: NO CHANGE

Site Status: Inactive
Expiration Date of the facility's registration certificate:

Facility Type: Unknown

Operator Name: THOMAS GORDON
Operator Phone #: (718) 830−9057
Owner Name: −
Owner Company: THOMAS GORDON
Owner Type:
Owner Address: 220 FLORAL PKWY, FLORAL PARK, NY 11001

TANK NUMBER	TANK STATUS	REGIST.	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE	CLOSE DATE
001	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
002	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
003	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
004	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
005	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
006	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
007	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
008	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
009	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
010	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
011	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
012	Tnk Converted to Non−Reg Use	Yes	Gasoline	550	Underground	12/01/1960		03/01/1993
013	Tnk Converted to Non−Reg Use	Yes	#2 Fuel Oil	550	Underground	08/01/1986		03/01/1993
014	Tnk Converted to Non−Reg Use	Yes	Other	550	Underground	08/01/1986		03/01/1993



HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

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

Map Identification Number 151 **NYSDEC Name:** **MARVANN CLEANERS** **Facility Id: NYD981077431**

NYSDEC Address:	92−07 63 DRIVE	REGO PARK, NY 11374	TT−Id: 740A−0039−580
EPA (RCRA) Name:	J C CLEANERS		
EPA (RCRA) Address:	92−02A 63RD DR	REGO PARK, NY 11374	

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 0 feet

ADDRESS CHANGE INFORMATION
Revised street: 9207 63RD DR
Revised zip code: NO CHANGE

Special Note(s): The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: 08/03/1995
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:

Contact Name: SUNGIL CHOE	Source Type: Implementer	Contact Phone: 718−896−3443	Contact Info Date: 01/01/2007
Contact Name: SUNGIL CHOE	Source Type: Notification	Contact Phone: 718−896−3443	Contact Info Date: 08/03/1995

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
F002	Spent halogenated solvents	390	POUNDS	GENERATED	1997	1245	1989
F002	Spent halogenated solvents	55	GALLONS	GENERATED	1986		

Map Identification Number 152 **EPA (RCRA) Name:** **J C CLEANERS** **Facility Id: NYD981077431**
EPA (RCRA) Address: 92−02A 63RD DR REGO PARK, NY 11374 TT−Id: 740A−0059−944
NYSDEC Name: MARVANN CLEANERS
NYSDEC Address: 92−07 63 DRIVE REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 185 feet to the ESE*

ADDRESS CHANGE INFORMATION
Revised street: 9202A 63RD DR
Revised zip code: NO CHANGE

Special Note(s): The New York State Department of Environmental Conservation and the U. S. Environmental Protection Agency have reported different locations for this hazardous waste identification number. Available information for both locations is summarized below.

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste: Notification date: 08/03/1995
Storer: Treatment facility: Incinerator:
Transporter:
Contact Name: SUNGIL CHOE Source Type: Implementer Contact Phone: 718−896−3443 Contact Info Date: 01/01/2007
Contact Name: SUNGIL CHOE Source Type: Notification Contact Phone: 718−896−3443 Contact Info Date: 08/03/1995

Historically listed as the following USEPA RCRA Generator Size(s) as well:
LARGE QUANTITY GENERATOR
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
F002	Spent halogenated solvents	390	POUNDS	GENERATED	1997	1245	1989
F002	Spent halogenated solvents	55	GALLONS	GENERATED	1986		

Map Identification Number 153 **NYSDEC Name:** **CON EDISON** **Facility Id: NYP004355533**
NYSDEC Address: S/E/CORNER & W 63 DR. REGO PARK, NY 11374 TT−Id: 740A−0090−919
EPA (RCRA) Name: CON EDISON − MANHOLE 8117
EPA (RCRA) Address: S/E/CORNER & W 63 DR. REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 203 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 63RD DR / WETHEROLE ST
Revised zip code: NO CHANGE

US EPA RCRA Type: LARGE QUANTITY GENERATOR Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: DENNIS HUACON Source Type: Annual/Biennial Report update with Notification Contact Phone: 212−460−2757 Contact Info Date: 03/27/2014
Contact Name: JOHN KOLNSBERG Source Type: Emergency Contact Phone: 718−321−4786 Contact Info Date: 09/05/2013
Contact Name: JOHN KOLNSBERG Source Type: Implementer Contact Phone: 718−321−4786 Contact Info Date: 10/05/2013

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	400	GALLONS	GENERATED	2013		

Map Identification Number 154 **NYSDEC Name:** **CON EDISON** **Facility Id: NYP004579306**
NYSDEC Address: NWC WETHEROLE ST & 63 DR SB 12852 QUEENS, NY 11374 TT−Id: 740A−0116−907
EPA (RCRA) Name: CON EDISON SERVICE BOX: 12852
EPA (RCRA) Address: 63RD DR & WETHEROLE ST NW COR REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 203 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: WETHEROLE ST / 63RD DR
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 06/27/2014
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 07/27/2014

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	60	GALLONS	GENERATED	2014		

Map Identification Number 155 **NYSDEC Name:** **CON EDISON** **Facility Id: NYP004543971**
NYSDEC Address: 93−03 63 DR QUEENS, NY 11375 TT−Id: 740A−0109−618
SB 45627
EPA (RCRA) Name: CON EDISON SERVICE BOX: 45627
EPA (RCRA) Address: 93−03 63RD DR FRONT OF REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 246 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9303 63RD DR
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 05/27/2014
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 06/27/2014

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	50	GALLONS	GENERATED	2014		

Map Identification Number 156 **NYSDEC Name:** **CON EDISON − MANHOLE M16736** **Facility Id: NYP004937555**
NYSDEC Address: 91−32 63 DR QUEENS, NY 11374 TT−Id: 740A−0150−767

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 270 feet to the SSE

ADDRESS CHANGE INFORMATION
Revised street: 9132 63RD DR
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	No hazardous waste activity reported by NYS up to 6/10/2019.						

Map Identification Number 157 **NYSDEC Name:** **PICASSO COACH BUILDER** **Facility Id: NYD103664421**

NYSDEC Address: 63−34 AUSTIN STREET REGO PARK, NY 11374 TT−Id: 740A−0037−773
EPA (RCRA) Name: PICASSO COACH BUILDER
EPA (RCRA) Address: 63−34 AUSTIN ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 301 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 6334 AUSTIN STREET
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste: Notification date: 10/08/1987
Storer: Treatment facility: Incinerator:
Transporter:
Contact Name: JOHN CICCOTELLI Source Type: Implementer Contact Phone: 718−897−7606 Contact Info Date: 01/01/2007
Contact Name: JOHN CICCOTELLI Source Type: Notification Contact Phone: 718−897−7606 Contact Info Date: 10/08/1987

Historically listed as the following USEPA RCRA Generator Size(s) as well:
SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
F005	Spent non−halogenated solvents	140	GALLONS	GENERATED	1999	325	1988
F003	Spent non−halogenated solvents	165	GALLONS	GENERATED	1998	265	1995
D001	Solid waste that exhibits the characteristic of ignitability	215	GALLONS	GENERATED	1987		

Map Identification Number 158 **NYSDEC Name:** **PARK CLEANERS & TAILORS** **Facility Id: NYD025732330**

NYSDEC Address: 93−21 63RD DRIVE REGO PARK, NY 11374 TT−Id: 740A−0037−675
EPA (RCRA) Name: LILY PARK DRY CLEANERS
EPA (RCRA) Address: 93−21 63RD DR REGO PARK, NY 11374−2924

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 345 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9321 63RD DRIVE
Revised zip code: NO CHANGE

US EPA RCRA Type: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR Notification date: 01/18/2000
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: YOUNG KIM Source Type: Implementer Contact Phone: 718−459−3423 Contact Info Date: 01/01/2007
Contact Name: YOUNG KIM Source Type: Notification Contact Phone: 718−459−3423 Contact Info Date: 01/18/2000

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
F002	Spent halogenated solvents	350	POUNDS	GENERATED	2005	1620	1994

Map Identification Number 159 **NYSDEC Name:** **CON EDISON** **Facility Id: NYP004579272**
NYSDEC Address: 63−22 WETHEROLE ST SB 66078 QUEENS, NY 11374 TT−Id: 740A−0116−412
EPA (RCRA) Name: CON EDISON SERVICE BOX: 66078
EPA (RCRA) Address: 63−22 WETHEROLE ST FRONT OF REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 359 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 6322 WETHEROLE ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 06/27/2014
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 07/27/2014

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	100	GALLONS	GENERATED	2014		

Map Identification Number 160 **NYSDEC Name:** **CON EDISON** **Facility Id: NYP004777405**
NYSDEC Address: FO 63−18 AUSTIN ST SB 57657 REGO PARK, NY 11374 TT−Id: 740A−0135−785
EPA (RCRA) Name: CON EDISON
EPA (RCRA) Address: 63−18 AUSTIN ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: MANUAL MAPPING (3)
Approximate distance from property: 377 feet to the WNW

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

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste: Notification date: None Given
Storer: Treatment facility: Incinerator:
Transporter:
Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 05/01/2015
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 05/01/2015

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	800	POUNDS	GENERATED	2015		

Map Identification Number 161 **NYSDEC Name:** **CON EDISON − VAULT 7657** **Facility Id: NYP005207372**
NYSDEC Address: 63−18 AUSTIN ST QUEENS, NY 11374 TT−Id: 740A−0155−840

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 408 feet to the W

ADDRESS CHANGE INFORMATION
Revised street: 6318 AUSTIN ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	No hazardous waste activity reported by NYS up to 6/10/2019.						

Map Identification Number 162 **NYSDEC Name:** **NYC DEPT OF EDUCATION − PS 139Q** **Facility Id: NYR000200667**

NYSDEC Address: 93−06 63RD DR REGO PARK, NY 11374 TT−Id: 740A−0090−829
EPA (RCRA) Name: NYC DEPT OF EDUCATION − PS 139Q
EPA (RCRA) Address: 93−06 63RD DR REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 476 feet to the ENE

ADDRESS CHANGE INFORMATION
Revised street: 9306 63RD DR
Revised zip code: NO CHANGE

US EPA RCRA Type: SMALL QUANTITY GENERATOR
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 06/03/2013
Incinerator:
Transporter:
Contact Name: ALEXANDER LEMPERT Source Type: Notification Contact Phone: 718−472−8501 Contact Info Date: 06/03/2013

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B007	Other PCB Wastes including contaminated soil, solids, sludges, clothing, etc.	126	KILOGRAMS	GENERATED	2013		

Map Identification Number 163 **NYSDEC Name:** **CON EDISON** **Facility Id: NYP004579298**

NYSDEC Address: 6310 WETHEROLE ST SB 34567 QUEENS, NY 11374 TT−Id: 740A−0116−413
EPA (RCRA) Name: CON EDISON SERVICE BOX: 34567
EPA (RCRA) Address: 63−10 WETHEROLE ST FRONT OF REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 477 feet to the NW

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

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: None Given
Incinerator:
Transporter:
Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 06/27/2014
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 07/27/2014

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	100	GALLONS	GENERATED	2014		

Map Identification Number 164 **NYSDEC Name:** **CON ED** **Facility Id: NYP004813081**

NYSDEC Address: 63−45 ALDERTON AV SB 41671 QUEENS, NY 11374 TT−Id: 740A−0144−150
EPA (RCRA) Name: CON EDISON
EPA (RCRA) Address: 63−45 ALDERTON ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 489 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 6345 ALDERTON ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 07/27/2015
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 07/27/2015

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	500	POUNDS	GENERATED	2015		

Map Identification Number 165 **NYSDEC Name:** **CON EDISON** **Facility Id: NYP004543989**

NYSDEC Address: 63−33 ALDERTON ST SB 7552 QUEENS, NY 11374 TT−Id: 740A−0108−484

EPA (RCRA) Name: CON EDISON SERVICE BOX: 7552

EPA (RCRA) Address: 63−33 ALDERTON ST FRONT OF REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 534 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 6333 ALDERTON ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: None Given
Incinerator:
Transporter:

Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 05/27/2014
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 06/27/2014

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	40	GALLONS	GENERATED	2014		

Map Identification Number 166 **NYSDEC Name:** **GRAND ONE HOUR PHOTO** **Facility Id: NYR000029264**

NYSDEC Address: 94−02A 63RD DRIVE REGO PARK, NY 11374 TT−Id: 740A−0038−302

EPA (RCRA) Name: GRAND 1 HOUR PHOTO

EPA (RCRA) Address: 94−02A 63RD DR REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 539 feet to the NE

ADDRESS CHANGE INFORMATION
Revised street: 9402A 63RD DRIVE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal: Receives offsite waste:
Storer: Treatment facility:
Notification date: 09/13/1996
Incinerator:
Transporter:

Contact Name: IKE WHANG Source Type: Implementer Contact Phone: 718−275−6948 Contact Info Date: 01/01/2007
Contact Name: IKE WHANG Source Type: Notification Contact Phone: 718−275−6948 Contact Info Date: 09/13/1996

Historically listed as the following USEPA RCRA Generator Size(s) as well:
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D011	Silver	30	GALLONS	GENERATED	1997		
D011	Silver	250	POUNDS	GENERATED	1996		

Map Identification Number 167 **NYSDEC Name:** **CON EDISON − MANHOLE 17103** **Facility Id: NYP005216348**
NYSDEC Address: 63−02 WETHEROLE ST FLUSHING, NY 11374 TT−Id: 740A−0155−819

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 547 feet to the NW

ADDRESS CHANGE INFORMATION
Revised street: 6302 WETHEROLE ST
Revised zip code: NO CHANGE

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
NONE	No hazardous waste activity reported by NYS up to 6/10/2019.						

Map Identification Number 168 **NYSDEC Name:** **CON EDISON** **Facility Id: NYP004521522**
NYSDEC Address: 63−29 ALDERTON ST SB48286 QUEENS, NY 11432 TT−Id: 740A−0108−305
EPA (RCRA) Name: CON EDISON SERVICE BOX: 48286
EPA (RCRA) Address: 63−28 ALDERTON ST FRONT OF REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 550 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 6329 ALDERTON ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal:
Storer:
Receives offsite waste:
Treatment facility:
Notification date: None Given
Incinerator:
Transporter:
Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 05/05/2014
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 06/05/2014

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	50	GALLONS	GENERATED	2014		

Map Identification Number 169 **NYSDEC Name:** **CON EDISON** **Facility Id: NYP004521514**
NYSDEC Address: 63−25 ALDERTON ST SB40586 QUEENS, NY 11432 TT−Id: 740A−0108−304
EPA (RCRA) Name: CON EDISON SERVICE BOX: 40586
EPA (RCRA) Address: 63−25 ALDERTON ST FRONT OF REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 568 feet to the WSW

ADDRESS CHANGE INFORMATION
Revised street: 6325 ALDERTON ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Land Disposal:
Storer:
Receives offsite waste:
Treatment facility:
Notification date: None Given
Incinerator:
Transporter:
Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 05/05/2014
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 06/05/2014

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	50	GALLONS	GENERATED	2014		

Map Identification Number 170 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004055216**
NYSDEC Address: VS7244−AUSTIN ST & 63RD AVE NEW YORK, NY 10001 TT−Id: 740A−0039−021

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 596 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: AUSTIN ST / 63RD AVE
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	723	KILOGRAMS	GENERATED	2000		

Map Identification Number 171 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004067195**
NYSDEC Address: V7657−AUSTIN ST & 63RD AVE QUEENS, NY TT−Id: 740A−0039−059

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 596 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: AUSTIN ST / 63RD AVE
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	HISTORIC MAXIMUM YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	821	KILOGRAMS	GENERATED	2000		

Map Identification Number 172 **NYSDEC Name:** **CONSOLIDATED EDISON** **Facility Id: NYP004102117**
NYSDEC Address: AUSTIN ST & 63 AVE MH17148 QUEENS, NY TT−Id: 740A−0039−304

MAP LOCATION INFORMATION
Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 596 feet to the WNW

ADDRESS CHANGE INFORMATION
Revised street: AUSTIN ST / 63RD AVE
Revised zip code: 11374

US EPA RCRA (Resource Conservation and Recovery Act) information not reported; Site information reported by NYS DEC.

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
B002	Petroleum oil or other liquid containing 50 ppm < PCBs < 500 ppm	718	KILOGRAMS	GENERATED	2002		
D008	Lead	300	POUNDS	GENERATED	2002		

Map Identification Number 173 **NYSDEC Name:** **CON ED** **Facility Id: NYP004813099**
NYSDEC Address: 63−27 ALDERTON ST SB 41657 QUEENS, NY 11374 TT−Id: 740A−0139−449
EPA (RCRA) Name: CON EDISON
EPA (RCRA) Address: 63−27 ALDERTON ST REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (4)
Approximate distance from property: 614 feet to the SW

ADDRESS CHANGE INFORMATION
Revised street: 6327 ALDERTON ST
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: None Given
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: THOMAS TEELING Source Type: Emergency Contact Phone: 212−460−3770 Contact Info Date: 07/27/2015
Contact Name: THOMAS TEELING Source Type: Implementer Contact Phone: 212−460−3770 Contact Info Date: 07/27/2015

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
D008	Lead	500	POUNDS	GENERATED	2015		

Map Identification Number 174 **NYSDEC Name:** **MAGNOLIA FRENCH CLEANERS** **Facility Id: NYD056889207**

NYSDEC Address: 94−17 63RD DRIVE REGO PARK, NY 11374 TT−Id: 740A−0037−716
EPA (RCRA) Name: DALK CLEANERS
EPA (RCRA) Address: 94−17 63RD DR REGO PARK, NY 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 630 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9417 63RD DRIVE
Revised zip code: NO CHANGE

US EPA RCRA Type: GENERATOR TYPE NOT GIVEN
Notification date: 07/17/1992
Land Disposal: Receives offsite waste: Incinerator:
Storer: Treatment facility: Transporter:
Contact Name: SAE JIN YI Source Type: Implementer Contact Phone: 718−830−9108 Contact Info Date: 01/01/2007
Contact Name: SAE JIN YI Source Type: Notification Contact Phone: 718−830−9108 Contact Info Date: 07/17/1992

Historically listed as the following USEPA RCRA Generator Size(s) as well:
CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

NYS DEC Manifested Waste Summary:
Waste Codes, Waste Units, and Transaction Types are only shown for the most recently reported year.

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR	HISTORIC MAXIMUM AMOUNT	HISTORIC MAXIMUM YEAR
F002	Spent halogenated solvents	460	POUNDS	GENERATED	1998	1920	1991



NO CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO HISTORIC UTILITY SITES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO HAZARDOUS SUBSTANCE WASTE DISPOSAL SITES IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS



NO TOXIC AIR, LAND AND WATER RELEASES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



NO WASTEWATER DISCHARGES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS



AIR DISCHARGE FACILITIES IDENTIFIED WITHIN THE 1/8 MILE SEARCH RADIUS

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

Map Identification Number 175 **PARK CLEANERS** **Facility Id: 3608100853** **State−county CDS Id: 3608100853**
94−17 63RD DRIVE REGO PARK, NY 11374 State−county NED id:
TT−ID: 900A−0005−418

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 634 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9417 63RD DRIVE
Revised zip code: NO CHANGE

CDS−ID: 00853 NED−ID: None Given EPA−ID: None Given FINDS−ID: None Given
Plant Phone #1: None Given Plant Phone #2: None Given
Operating Status: OPERATING
EPA Classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
State Classification: CLASS IS UNKNOWN
EPA Plant Compliance Status:
State Plant Compliance Status: NO APPLICABLE STATE REGULATION

AIR PROGRAM INFORMATION
Regulatory Air Program: MACT (SECTION 63 NESHAPS) Program Status: OPERATING

POLLUTANT INFORMATION
Pollutant: TETRACHLOROETHYLENE (PERCHLOROETHYLENE)
State Pollutant Compliance for this pollutant: NO APPLICABLE STATE REGULATION

Map Identification Number 176 **DALK CLEANERS** **Facility Id: NY081X7T7** **State−county CDS Id:**
9417 63RD DR FLUSHING, NY 113742027 State−county NED id: 36081X7T7
EPA (FINDS) Name: DALK CLEANERS TT−ID: 900A−0005−614
EPA (FINDS) Address: 94−17 63RD DRIVE
REGO PARK QUEEN 11374

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 634 feet to the NNE

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

CDS−ID: None Given NED−ID: X7T7 EPA−ID: NYD056889207 FINDS−ID: NYD056889207
Plant Phone #1: None Given Plant Phone #2: (000)830−9108
Operating Status:
EPA Classification:
State Classification:
EPA Plant Compliance Status:
State Plant Compliance Status:

AIR PROGRAM INFORMATION
No air program information given.

POLLUTANT INFORMATION
No air pollutant information given.

CIVIL & ADMINISTRATIVE ENFORCEMENT DOCKET FACILITIES IDENTIFIED WITHIN 1/8 MILE SEARCH RADIUS

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

Map Identification Number 177 **PARK CLEANERS** **Facility Id: NYD025732330**
93−21 63RD DR REGO PARK, NY 11374 TT−Id: 920A−0001−049

MAP LOCATION INFORMATION
Site location mapped by: PARCEL MAPPING (1)
Approximate distance from property: 375 feet to the NNE

ADDRESS CHANGE INFORMATION
Revised street: 9321 63RD DR
Revised zip code: NO CHANGE

Case Id: 02−1995−0247

This site is part of the EPA FINDS database, docket type can not be determined.
No Civil and/or Administrative Enforcement Docket Case Information for this site.



NO NYC ENVIRONMENTAL QUALITY REVIEW REQUIREMENTS − "E" DESIGNATION SITES IDENTIFIED WITHIN 250 FT SEARCH RADIUS

U.S. EPA EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) SPILLS
AT THE LOCATION OR POTENTIALLY AT THE LOCATION OF
92-07 63rd Drive
Rego Park, NY 11374

* Any ERNS Spills listed below are NOT mapped in this report *

ONSITE ERNS (A count of these spills can be found in the distance interval table):
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

POTENTIALLY ONSITE ERNS:
THIS SITE IS NOT FOUND IN THE ERNS DATABASE

Copyright 2024 Toxics Targeting, Inc. April 15, 2024 '92-07 63rd Drive'

Unmappable facilities for 'Queens' County

Solid Waste Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
41D01	NY NEWS GRAVURE PLANT			UNKNOWN
41D03	CAPITAL PROJECT SE-43A			UNKNOWN
41D04	MTA DEMO SITE			UNKNOWN
41T43	SALVATORE RUSSO INC.			UNKNOWN
41T58	BERLIN WRECKING			11412
41T63	LIZZA, LIZZA, HOCHREITER			UNKNOWN
41W94	ST JOHN ENTERPRISES INC			UNKNOWN
41W96	FAR ROCKAWAY EQUIPMENT CO			UNKNOWN
		TOLEDO ST.	QUEENS	UNKNOWN
		WOODHAVEN BLVD	QUEENS	UNKNOWN
NY00000002581	NY NEWS GRAVURE PLANT	UNKNOWN	UNKNOWN	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Active

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
2100514	RAILROAD	BETWEEN PENN STATION AND SUNNY SIDE NY	QUEENS	UNKNOWN
2001510	PORT WASHINGTON #2 TRACK	HAROLD INTERLOCKING 400FT WEST	QUEENS	UNKNOWN

Hazardous Spills - TANK FAILURES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8801577	SCORE GAS STATION	34 STATE RD	NEW YORK CITY	UNKNOWN

Hazardous Spills - UNKNOWN CAUSE OR OTHER CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
8606300	SPILL NUMBER 8606300			UNKNOWN
1410484	QUEENS COUNTY EM. RES.	ONE HUNTERS POINT PLAZA		UNKNOWN
0811777	VARIOUS SITES	VARIOUS SITES		UNKNOWN
0209904	VARIOUS DEP -BWSO SITES	MISC.	BRONX/QUEENS/MANHATTAN	UNKNOWN
8000059	APEX AUTO WRECKERS	APEX AUTO SALVAGE	COLLEGE POINT/CORONA	UNKNOWN
2004006	DRUM ON LIRR PROPERTY	NEAR 13 EAST RD	CORONA	UNKNOWN
0206532	SPILL NUMBER 0206532	90 2ND ST	ELMHURST	11373
8504087	UNKNOWN	UNKNOWN	FLUSHING	UNKNOWN
1600906	FRESH POND YARD	UNKNOWN	GLENDALE	UNKNOWN
1609296	WATER	QUEENS	NEW YORK	UNKNOWN
0310131	LOWER LAYEL BLVD	LOWER LAYEL BLVD	NEW YORK CITY	UNKNOWN
9910078	SERVICE BOX 50506	96-15 65RD DRIVE	QUEENS	11374
9812626	MANHOLE 12616	HORRIS HARDING BLVD	QUEENS	UNKNOWN
9502637	UNK	7 MIDLAND GARDEN	QUEENS	UNKNOWN
9309560	HIGHLEVE REGULATOR #23	HIGHLEVE REGULATOR #23	QUEENS	UNKNOWN
9309559	HIGHLEVEL REGULATOR #22	HIGHLEVEL REGULATOR #22	QUEENS	UNKNOWN
9211110	BB IVPCP HL	BB IVPCP HL	QUEENS	UNKNOWN
8503726	QUEENS	QUEENS	QUEENS	UNKNOWN
8503213	FLUSHING QUEENS	FLUSHING QUEENS	QUEENS	UNKNOWN
8000260	SPILL NUMBER 8000260		QUEENS	UNKNOWN
7801404	MIDLAND TAXI,SBWY-MIDLND.	MIDLAND TAXI,SBWY-MIDLND.	QUEENS	UNKNOWN
7800519	DREDGE PENNSYLVANIA	DREDGE PENNSYLVANIA	QUEENS	UNKNOWN
2206422	CITY PARK	BROOKVILLE PARK	QUEENS	UNKNOWN
2201794	TRUCK FIRE	ON RAMP LIE B2E	QUEENS	UNKNOWN
1910738	COMMERCIAL VACANT	887 20 QUEENS BLVD	QUEENS	UNKNOWN
1607890	FORMER PRATT OIL WORKS	RAILROAD AVE	QUEENS	UNKNOWN
1601660	QUEENS	ASTORIA	QUEENS	UNKNOWN
1306184	FEEDER LINE	JAMAICA TO CORONA SUB STATIONS	QUEENS	UNKNOWN
1215388	OFFICE BLDG	26-81 WOODHAVEN BLVD	QUEENS	UNKNOWN
1104351	TRENCH	FRONT OF 59-21 TALLAWAY	QUEENS	UNKNOWN

1010763	TO ROADWAY	147TH AND SOUTHFORT AVE	QUEENS	UNKNOWN
0910003	STREET	911 CHAD CREEK ROAD-OFF OF POLE 67248	QUEENS	UNKNOWN
0903427	SERVICE BOX 56465	CHESTNUT ST & FULTON ST	QUEENS	UNKNOWN
0810679	TRANSFORMER VAULT VS8802	42-27 FRANKLIN AVE	QUEENS	UNKNOWN
0803582	RAIN CAUSED DRIP PAN TO OVERFLOW	CORONA SUBSTATIONS 1&2.	QUEENS	UNKNOWN
0609105	CITGO STATION	WALDEN /SOUTH VANDORN	QUEENS	UNKNOWN
0507382	MANHOLE #1177	HORACE HARDING XWAY	QUEENS	UNKNOWN
0500534	MAN HOLE 14954	CARWELL AVE	QUEENS	UNKNOWN
0411770	TRANSFORMER # TM764	WEST SIDE 84TH STREET	QUEENS	UNKNOWN
0404715	VS 8975	QUEENS MIDTOWN EXPRESSWAY	QUEENS	UNKNOWN
0403656	MANHOLE #14608	HORRIS HARDING EXPRESSWAY	QUEENS	UNKNOWN
0402781	64TH AVE & 100TH ST	64TH AVE & 100TH ST	QUEENS	UNKNOWN
0401986	MANHOLE	15TH AV & 43RD EAST INTER	QUEENS	UNKNOWN
0330035	FRESH MEADOWS RESIDENTIAL	COMMUNITY & COMMERCIAL	QUEENS	UNKNOWN
0310273	614 OPPOSITE 26 FLUSHING	614 OPPOSITE 26 FLUSHINGS	QUEENS	UNKNOWN
0305680	MH 1254	QUEENS BOULEVARD	QUEENS	UNKNOWN
0112087	MANHOLE 8309	EAST SIDE SERVICE ROAD	QUEENS	UNKNOWN
0108998	EAST BOUND	LONG ISL EXPRESSWAY	QUEENS	UNKNOWN
0108588	MANHOLE 14607	NB HORACE HARDING EXPWY	QUEENS	UNKNOWN
0108503	MANHOLE 11472	HORACE HARDING EXPRESSWAY	QUEENS	UNKNOWN
0106536	0	FLUSHING CREEK	QUEENS	UNKNOWN
0105756	MANHOLE #13144	SERVICE RD	QUEENS	UNKNOWN
0010608	BUILDING	4051 TENMAN ST	QUEENS	UNKNOWN
0008968	MANHOLE #17120 - FLUSHING	MEADOW PARK & MERIDIAN	QUEENS	UNKNOWN
0004925	NYC DEPT OF DESIGN/CONST.	360 BEECH ST	QUEENS	UNKNOWN
1103087	TEST	TEST	TEST	UNKNOWN

Hazardous Spills - MISC. SPILL CAUSES - Closed

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
9214370	RT 495	RT 495		UNKNOWN
2200030	DRUM RUN	BIKE PATH 84TH AND 85TH ST		UNKNOWN
2005902	LONG ILAND CITY	1798 RAILROAD AVE		UNKNOWN
1802371	AMBROSE ANCHRONGE	QUEENS		UNKNOWN
1208365	ALL OF QUEENS	ALL STREETS		UNKNOWN
9303902	15-34 97TH PLACE	15-34 97TH PLACE	CORONA	11368
8402177	NYC HIGHWAY DEPTFLUSH CRK	FLUSHING CREEK	CORONA	UNKNOWN
1200793	ROADWAY	HORRIS HORDING LIE	CORONA	UNKNOWN
1110867	DRILL DRILL DRILL	DRILL DRILL DRILL	DRILL DRILL DRILL	UNKNOWN
9407259	52 13 ST	HAPFEL-52 13 ST	ELMHURST	11373
2204212	POLE T32	NORTH SIDE 61ST RD	FLUSHING	UNKNOWN
1401936	PARKING SPOT ZA	CENTRAL TERMINAL	FLUSHING	UNKNOWN
1310273	ROADWAY	140-60 BETH AVE	FLUSHING	UNKNOWN
1006910	NYS TRANSIT	42ND AND 120TH ST CORONA YARD	FLUSHING	11368
9501165	LIRR	MAIN LINE TRACK #4 -LIRR	FOREST HILLS	UNKNOWN
9106243	LIRR	LIRR/AUSTIN ST	FOREST HILLS	UNKNOWN
1703325	ROADWAY	LONG ISLAND EXPRESS	ISLAND CITY	UNKNOWN
1808944	COMMERCIAL	43-37 RAIL RD AVE	LONG ISLAND	UNKNOWN
0810981	SHOULDER OF ROAD NEAR EXIT 19	LONG ISLAND EXPRESSWAY EAST BOUND 3/4 MI	MASSTIC	UNKNOWN
8701755	62ND ROAD / QUEENS / BY-P	62ND ROAD	NEW YORK	UNKNOWN
0814425	213441; HORACE HARDING BLVD AND L.I.EXPWY	HORACE HARDING BLVD AND L.I.EXPWY	NEW YORK	UNKNOWN
9707611	LIRR	5505 E OF 37 SIGNAL BRIDG	NEW YORK CITY	UNKNOWN
9100148	LIRR	QNS VILLGE/HILLSIDE/LN#1	NEW YORK CITY	UNKNOWN
9004556	39-12 ELIOT AVE/QUEENS	39-12 ELIOT AVENUE	NEW YORK CITY	UNKNOWN
8911017	EXIT 22/WESTBOUND/L I EXP	EXIT 22/WESTBOUND/L I EXP	NEW YORK CITY	UNKNOWN
8807017	422 SOUTHERN BLVD/QUEENS	422 SOUTHERN BLVD	NEW YORK CITY	UNKNOWN
8709123	62ND RD PUMP STA/QUEENS	62ND ROAD PUMPING STATION	NEW YORK CITY	UNKNOWN
1802922	38M05 FEEDER LEAK	BETWEEN VERNON SUB STATION AND THE ED KO	NEW YORK CITY	UNKNOWN
0401166	ON THE ROADWAY	LONG ISLAND EXPRESSWAY	NEW YORK CITY	UNKNOWN
1707790	STREET	INTERSECTION OF 62 DRIVE AND 88TH ST	QUEEN	UNKNOWN
9612693	LI EXPRESSWAY	SERVICE RD	QUEENS	UNKNOWN

9606663	HORACE HARDING EXPWY	HORACE HARDING EXPWY	QUEENS	UNKNOWN
9404597	WWTP- L.I.E.	WWTP- L.I.E.	QUEENS	UNKNOWN
9312483	RUNWAY CHANNEL	RUNWAY CHANNEL	QUEENS	UNKNOWN
9311790	1/4 NORTH SUBWAY BR IN	1/4 NORTH SUBWAY BR IN	QUEENS	UNKNOWN
9311698	REGULATOR 46 QUEENS	REGULATOR 46 QUEENS	QUEENS	UNKNOWN
9311404	98TH ST, 80FT - OF LIC.	98TH ST, 80FT - OF LIC	QUEENS	UNKNOWN
9311363	I-495 EB - OVERPASS	I-495 EB - OVERPASS	QUEENS	UNKNOWN
9304109	95-20 JUNCTION BLVD	95-20 JUNCTION BLVD	QUEENS	UNKNOWN
2301479	DRUM RUN	5709 PRESTON COURT	QUEENS	UNKNOWN
2209091	TRUMP VILLAGE WEST	TRUMP VILLAGE WEST	QUEENS	UNKNOWN
2208009	COMMERCIAL	AOA FUEL PARKING PAD	QUEENS	UNKNOWN
2201596	RESIDENTAL	5135 MORNSECI LANE	QUEENS	UNKNOWN
2109521	HIGHWAY	EB LIE BAYVIEW EXPWY	QUEENS	UNKNOWN
2109042	GROUND	LONG ISLAND PARKWAY AND HEMPSTEAD TURNPI	QUEENS	UNKNOWN
2104603	TUNNEL	PENN STATION	QUEENS	UNKNOWN
2009171	ROADWAY	LIE EXIT 23	QUEENS	UNKNOWN
2008808	HIGHWAY	LIE	QUEENS	UNKNOWN
2006027	ROADWAY / RAMP	EXIT 27 NB LIE	QUEENS	UNKNOWN
2003545	SOIL	MILE 3.2 SUB 3	QUEENS	UNKNOWN
1910421	MERCURY SPILL	TO VEHICLE	QUEENS	UNKNOWN
1810866	ROADWAY	LONG ISLAND EXPRESSWAY WESTBOUND	QUEENS	UNKNOWN
1706999	ROADWAY	LIE EXIT 25	QUEENS	UNKNOWN
1703322	APPROACHING EXIT 27	LONG ISLAND EXPRESSWAY	QUEENS	UNKNOWN
1703083	CON EDISON FEEDER LEAK - 18001	CORONA SUBSTATION, 53-49 99TH STREET	QUEENS	UNKNOWN
1701155	ROAD WAY	MILE 5805 VAN WYCK	QUEENS	UNKNOWN
1607432	CORONA SUBSTATION	UNKNOWN AT TIME OF CALL	QUEENS	UNKNOWN
1509691	ROADWAY	88632 WOODHAVEN BLVD	QUEENS	UNKNOWN
1506774	18002 FEEDER ROUTE	FROM JAMACIA SUBSTATION TO CORONA SUBSTA	QUEENS	UNKNOWN
1405972	TO ROADWAY	262 COUNDRY RD	QUEENS	UNKNOWN
1401825	CON ED	15-00 94TH ST	QUEENS	UNKNOWN
1306952	MOTOR VEHICLE ACCIDENT	GRANDVIEW AND ANN MARIE COURT	QUEENS	UNKNOWN
1301114	ROADWAY	ROCKAWAY PKWY STATION TERMINAL	QUEENS	UNKNOWN
1206208	TO ROADWAY - SEWAGE	41ST EAST OF LAUREN ST	QUEENS	UNKNOWN
1200748	MANHOLE	NORTHSIDE OF QUEENS BLVD	QUEENS	UNKNOWN
1110033	IN THE STREET	L.I. EXPRESSWAY, MAINT ST EXIT	QUEENS	UNKNOWN
1102161	CONED	BW 50TH AND QUEENS BLVD	QUEENS	UNKNOWN
1101294	TRACTOR TRAILER MVA	5859 HORACE HARDING EXPRESSWAY	QUEENS	UNKNOWN
1010374	ROADWAY SPILL	LONG ISLAND EXPRESSWAY EASTBOUND	QUEENS	UNKNOWN
1009223	JAMAICA WATER PLANT	JAMAICA WATER PLANT	QUEENS	UNKNOWN
1007778	CON ED	261-09 EAST WILKSON AVE	QUEENS	UNKNOWN
0913760	LIE	BP GAS STATION	QUEENS	UNKNOWN
0812557	MAIN ROAD	LONG ISLAND EXPRESSWAY TOWARDS GRAND CEN	QUEENS	UNKNOWN
0804043	ON THE ON RAMP	E LONG ISLAND EXPWY	QUEENS	UNKNOWN
0610646	IN ROADWAY	LI EXPRESSWAY EB	QUEENS	UNKNOWN
0514525	3RD WARD FUELING STATION	PECK AVE	QUEENS	UNKNOWN
0402734	DRUM RUN	1111-02 QUEENS BLVD	QUEENS	UNKNOWN
0011811	36TH STREET AND WOODHAVEN	BLVD TRACK D1	QUEENS	UNKNOWN
0006934	RIVLAB TRANSPORTATION	6202 ALVINA AVE	QUEENS	UNKNOWN
0002750	OAKLAND UNIT SUB STATION	HORACE HARDING EXP	QUEENS	UNKNOWN
0908116	SIMPSON RESIDENCE	103-0218 PLACE	QUEENS VILLAGE	UNKNOWN
1402798	AMTRAK LINE #3 TUNNEL HYDRAULIC OIL SPILL	MILE POST 1.89	QUEENS?	UNKNOWN
9315187	JUNCTION BVLD & WOODHAVEN	JUNCTION BLVD & WOODHAVEN	REGO PARK	UNKNOWN
9110575	LIRR	MP-4.4/TRACK #2/MAIN LINE	REGO PARK	UNKNOWN
0801778	RAHMAN RESIDENCE	37-16 63RD ROAD	WOODSIDE	UNKNOWN
1801529	FEEDER 72 LEAK	BETWEEN DUNWOODIE - RAINEY SUBSTATION	YONKERS/QUEENS	UNKNOWN

Hazardous Waste Generation or Transport Facilities

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYP004001798	CONSOLIDATED EDISON CO	BOWY V5925		UNKNOWN
NYP004002903	CONSOLIDATED EDISON CO	88TH STREET 1046		UNKNOWN

NYP004003265	CONSOLIDATED EDISON CO		90TH ST AND ?? WEST		UNKNOWN
NYP004017489	CONSOLIDATED EDISONCO		TAP C - 71ST SUBSTATION		UNKNOWN
NYP004018982	CONSOLIDATED EDISON CO		MH9627 HARRISON STA		UNKNOWN
NYP004019275	CONSOLIDATED EDISON CO		MH51217		UNKNOWN
NYP004019899	CONSOLIDATED EDISON CO		V909 VARL & JACKSON		UNKNOWN
NYP004020129	CONSOLIDATED EDISON CO		MAIN BODY - OAKWOOD S/S		UNKNOWN
NYP004020152	CONSOLIDATED EDISON CO		V55117 86TH ST		UNKNOWN
NYP004022604	CONSOLIDATED EDISON CO		V8103 63 AVE		UNKNOWN
NYP004024667	CONSOLIDATED EDISON CO		V8440 88 ST		UNKNOWN
NYP004881005	CON EDISON		BOOTH ST & 58TH PL SW COR	MIDDLE VILLAGE	UNKNOWN
NY0000010363	NYCDOT		N/S	N/S	UNKNOWN
NYP004027959	NEW YORK		V8864-ALDERTON ST	NEW YORK	11374
NYP004106563	CONSOLIDATED EDISON		87 MEADOW LANE CNR	NEW YORK	UNKNOWN
NYP004441465	CON EDISON		S/E/C E 41ST PROPECT PL	NEW YORK	UNKNOWN
NYP004586111	CON EDISON		FO 86 WILLET ST	NEW YORK	UNKNOWN
NYP000930321	CONSOLIDATED EDISON		N/S	QUEENS	UNKNOWN
NYP000930511	CONSOLIDATED EDISON		V1926-69TH AND WASHINGTON AVE	QUEENS	UNKNOWN
NYP000930529	CONSOLIDATED EDISON CO		V1099-1685 FRANHOLM AVE	QUEENS	UNKNOWN
NYP000930560	CONSOLIDATED EDISON		V6012-85TH STREET	QUEENS	UNKNOWN
NYP004000121	CONSOLIDATED EDISON		V10829-2255 MENAUTO BLVD	QUEENS	UNKNOWN
NYP004000634	CONSOLIDATED EDISON		V7176-WEST HILL APARTMENTS	QUEENS	UNKNOWN
NYP004004677	CONSOLIDATED EDISON		N/S	QUEENS	UNKNOWN
NYP004004925	CONSOLIDATED EDISON		VAULT #0442 - 1548	QUEENS	UNKNOWN
NYP004006003	CONSOLIDATED EDISON		#5289 - 275 KENSTO DR	QUEENS	UNKNOWN
NYP004006318	CONSOLIDATED EDISON		V5014 - W.F. ADMIN BLDG	QUEENS	11355
NYP004006847	CONSOLIDATED EDISON		V5034 - MASTERS	QUEENS	UNKNOWN
NYP004006904	CONSOLIDATED EDISON		V1903 - ALLINGTON	QUEENS	UNKNOWN
NYP004007290	CONSOLIDATED EDISON		46251 -	QUEENS	UNKNOWN
NYP004008248	CONSOLIDATED EDISON		N/S	QUEENS	UNKNOWN
NYP004008785	CONSOLIDATED EDISON		MH 2631	QUEENS	UNKNOWN
NYP004009064	CONSOLIDATED EDISON		MH 14566 - ROOSEVELT AVE	QUEENS	UNKNOWN
NYP004009320	CONSOLIDATED EDISON		TRANSP F/O 17 & 34ST	QUEENS	UNKNOWN
NYP004012449	CONSOLIDATED EDISON		V 8109 - AUSTIN ST	QUEENS	UNKNOWN
NYP004012514	CONSOLIDATED EDISON		16 - SHERWOOD PARK	QUEENS	UNKNOWN
NYP004023016	CONSOLIDATED EDISON		MH184490-	QUEENS	UNKNOWN
NYP004032546	CONSOLIDATED EDISON		V586-ALDERTON ST	QUEENS	11374
NYP004002709	CONSOLIDATED EDISON			T/A450	UNKNOWN

Hazardous Substance Waste Sites

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NY0353	CORONA MEADOWS YARD SITE	U	U	11368

Wastewater Discharges

FACILITY ID	FACILITY NAME	STREET	CITY	ZIP
NYG995193				UNKNOWN
NYU000079	BEST CONCRETE MIX CORP.			UNKNOWN
NYU900062	FEDERAL EXPRESS			UNKNOWN
NYU900079	BEST CONCRETE MIX CORP			UNKNOWN

Air Releases

FACILITY ID	FACILITY NAME		STREET	CITY	ZIP
3608100851	PARAGON CLEANERS		75-57 ULEKA_PLACE	FLUSHING	11374
NY081X1L5	CRYDER ASSOCIATES LTD	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY081X4KU	COSMOPOLITAN ASSOC	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
NY081X72J	A & K REALTY	QUEENS	NO STREET ADDRESS	NO CITY NAME	UNKNOWN
3608100139	NY JOB CORPS CENTER		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100140	NAVY RESRVE TRAINING		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100692	PARIS KNITTING		NO STREET ADDRESS	QUEENS	UNKNOWN
3608100693	ASTORIA AL & BR		NO STREET ADDRESS	QUEENS	UNKNOWN
NY0813893	NEWTOWN REFINING CO INC		1	QUEENS	UNKNOWN

Hazardous waste codes presented in individual Toxic Information Profiles are defined below.

B002 Petroleum oil or other liquid containing 50 ppm or greater of PCBs but less than 500 ppm PCBs. This includes oil from electrical equipment whose PCB concentration is unknown, except for circuit breakers, reclosers and cable.

B007 Other PCB Wastes including contaminated soil, solids, sludges, clothing, rags, and dredge material.

D001 Solid waste that exhibits the characteristic of ignitability, but is not listed under any other hazardous waste code.

D008 Lead

D011 Silver

F002 The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1−trichloroethane, chlorobenzene, 1,1,2−trichloro−1,2,2−trifluoroethane, ortho−dichlorobenzene, trichlorofluoromethane, and 1,1,2−trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (T)

F003 The following spent non−halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n−butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non−halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non−halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I)*

F005 The following spent non−halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2−ethoxyethanol, and 2−nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non−halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures. (I,T)

Source: U. S. Environmental Protection Agency

How Toxic Site Locations Are Mapped

Toxics Targeting maps toxic site locations on a digital version of the U. S. Census map or those used by local authorities using addresses and map coordinates provided by site owners/operators or government agencies. In order to allow site locations to be verified independently, the information used to map each site is presented in the first section of each Toxic Site Profile, along with a description of the mapping technique used and any address corrections that were made in order to locate toxic sites with incomplete or inadequate site location information. The mapping process is explained below.

Map Identification Number: 12 Site Name: Acme World Manufacturing, Inc.

Site Address: 55 Main Street Anytown, NY 11797

MAP LOCATION INFORMATION

Site location mapped by:

Address Matching

1) Most toxic sites are mapped by matching addresses provided by site owners/operators or government agencies with locations on a digital version of the street or parcel map. These site locations are identified with the method used to map them.

Note: Some sites have an address match location and a map coordinate location. Both locations are mapped because they can be equally correct.

or Map Coordinate

2) Some toxic sites are located using map coordinates provided by site owners/ operators or government agencies. These site locations are identified "map coordinate." Map coordinates for Toxic Wastewater Discharges, Toxic Release Inventory sites and Major Oil Storage Facilities should be considered suspect.

or Manual Mapping

or Site Visit

3) Incomplete addresses or map coordinates require some site locations to be determined by commercial street maps (manual mapping), site visits, map coordinates from other databases and address location services. Application of any of these methods is identified accordingly.

ADDRESS CHANGE INFORMATION

Revised Street: NO CHANGE

Revised zip code: NO CHANGE

4) Site addresses are sometimes corrected to eliminate obvious errors that prevent sites from being mapped. All address corrections are noted here.

Information Source Guide

Toxics Targeting's Environmental Reports contain government and other information compiled on 21 categories of reported known or potential toxic sites. Each toxic site database is described below with information detailing a) the source of the information, b) the date when each database is covered to and c) when *Toxics Targeting* obtained the information..

1) **National Priority List for Federal Superfund Cleanup:** Toxic sites nominated for cleanup under the Federal Superfund program. Annual compilation of special two-page detailed profiles of NPL sites. Also includes delisted NPL sites.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
New Facilities updated through: 1/19/2024. Data obtained by Toxics Targeting: 1/19/2024.
Data attributes updated from: 1/19/2024. Data obtained by Toxics Targeting: 1/19/2024.

2) **Inactive Hazardous Waste Disposal Site Registry:** New York State database that maintains information and aids decision making regarding the investigation and cleanup of toxic sites. The Registry's data includes two-page profiles noting site name, ID number, description, classification, cleanup status, types of cleanup, owner information, types and quantities of contaminants, and assessment of health and environmental problems. Also included are sites that qualify for possible inclusion on the Registry. These Registry Qualifying sites may or may not be on the Site Registry.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data attributes updated through: 2/14/2024. Data obtained by Toxics Targeting: 2/14/2024.
New Facilities updated to: 2/14/2024. Data obtained by Toxics Targeting: 2/14/2024.

3) **Federal & State Corrective Action Activity (CORRACTS):** New York State and Federal databases of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.**

Federal Data Source: U. S. Environmental Protection Agency[1]
Data attributes updated through: 3/01/2018. Data obtained by Toxics Targeting: 3/07/2018.
New facilities updated through: 3/01/2018. Data obtained by Toxics Targeting: 3/07/2018.

State Data Source: New York State Department of Environmental Conservation[2]
Data attributes updated through: 2/14/2024. Data obtained by Toxics Targeting: 2/14/2024.
New facilities updated through: 2/14/2024. Data obtained by Toxics Targeting: 2/14/2024.

4) **CERCLIS:** Toxic sites listed in the Federal Comprehensive Environmental Response, Compensation and Liability Information System. Includes Active and No Further Remedial Action Planned (NFRAP) sites.
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency.[1]
Data attributes updated through: 10/25/2013. Data obtained by Toxics Targeting: 1/07/2014.
New Facilities updated through: 7/17/2017. Data obtained by Toxics Targeting: 8/22/2017.

5) **Brownfield Programs:** NYS & NYC programs for sites that are abandoned, idled or under-used industrial and/or commercial sites where expansion or redevelopment is complicated by real or perceived environmental contamination.
ASTM required.*

(a) **NYS DEC Brownfield Programs**: Source: New York State Department of Environmental Conservation.[2]
includes: **Brownfield Cleanup Program (BCP), Voluntary Cleanup Program (VCP), and Environmental Restoration Program (ERP)**
Data attributes updated through: 2/14/2024. Data obtained by Toxics Targeting: 2/14/2024.
New Facilities updated to: 2/14/2024. Data obtained by Toxics Targeting: 2/14/2024.

(b) **NYC Voluntary Cleanup Program:** Source: NYC Office of Environmental Remediation
Data attributes updated through: 10/13/2017. Data obtained by Toxics Targeting: 10/13/2017.
New Facilities updated to: 10/13/2017. Data obtained by Toxics Targeting: 10/13/2017.

6) **Solid Waste Facilities:** a compilation of the following 2 databases:

(a) **NYS Solid Waste Registry:** which includes, but is not limited to, landfills, incinerators, transfer stations, recycling centers.
ASTM required.* Fannie Mae required.** Source: New York State Dept. of Environmental Conservation.[2]
Data updated to: 4/1/2013. Data obtained by Toxics Targeting: 4/1/2013.

(b) **1934 Solid Waste Disposal Site in New York City:** which includes sites operated by municipal authorities circa 1934. Source: City of New York Department of Sanitation (1984). The Waste Disposal Problem in New York City: A Proposal For Action.

7) **RCRA Hazardous Waste Treatment, Storage or Disposal Facility Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the DEC's Division of Environmental Remediation pursuant to NYS Law and the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 06/10/2019. New facilities obtained by Toxics Targeting: 06/15/2019.
Manifest transactions data updated to: 06/10/2019. Manifest transactions data obtained by Toxics Targeting: 06/15/2019.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]
New facilities updated through: 3/01/2018. Data obtained by Toxics Targeting: 3/07/2018.
Data attributes updated through: 3/01/2018. Data obtained by Toxics Targeting: 3/07/2018.

8) **Spills Information Database:** Spills reported to the DEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from Petroleum Bulk Storage Regulations) or 6 NYCRR Section 595.2 (from Chemical Bulk Storage Regulations). This database includes both *active* and *closed* spills.
ASTM required.* Fannie Mae.** Source: NYS Department of Environmental Conservation.[2]

New spills through: 2/5/2024 New spills data obtained by Toxics Targeting: 2/5/2024
Spill attribute data through: 2/5/2024 Spill attribute data obtained by Toxics Targeting: 2/5/2024

Active spills: paperwork not completed. Closed spills: paperwork completed.
Both active and closed spills may or may not have been cleaned up (see Date Cleanup Ceased in spill profiles).

9) **Major Oil Storage Facilities:** NYS database of facilities licensed pursuant to Article 12 of the Navigation Law, 6NYCRR Parts 610 and 17NYCRR Part 30, such as onshore facilities or vessels, with petroleum storage capacities equal to or greater than four hundred thousand gallons. **Tank & other data withheld by NYSDEC as of 4/1/2002**.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

Data updated through: 7/1/2016. Data obtained by Toxics Targeting: 7/1/2016.

10) **Petroleum Bulk Storage Facilities:** a compilation of local and state databases of aboveground and underground petroleum storage tank facilities.

(a) **NYS Petroleum Bulk Storage Database:** This includes all New York State counties except Cortland, Nassau, Rockland, Suffolk, and Westchester. ASTM required.* Fannie Mae required.**
Source: NYS Department of Environmental Conservation.[2]
New facilities updated through: 7/1/2016. Data obtained by Toxics Targeting: 7/1/2016.
Tank data updated through: 7/1/2016. Data obtained by Toxics Targeting: 7/1/2016.

(b) **New York City Fire Department Tank Data:** **Data has been withheld by the NYC Fire Dept.**
Source: New York City Fire Department. Data obtained by Toxics Targeting: 2/18/1997

11) **RCRA Hazardous Waste Generators and/or Transporters Databases:**

(a) **Manifest Information:** New York State database of hazardous waste facilities and shipments regulated by the NYS Department of Environmental Conservation's Division of Environmental Remediation pursuant to New York State Law. ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]

New facilities updated through: 06/10/2019. New facilities obtained by Toxics Targeting: 06/15/2019.
Manifest transactions data updated to: 06/10/2019. Manifest transactions data obtained by Toxics Targeting: 06/15/2019.

(b) **RCRA Notifier & Violations Information:** U. S. Environmental Protection Agency database of hazardous facilities regulated pursuant to the Resource Conservation and Recovery Act (RCRA).
ASTM required.* Fannie Mae required.** Source: U. S. Environmental Protection Agency[1]

New facilities updated through: 3/01/2018. Data obtained by Toxics Targeting: 3/07/2018.
Data attributes updated through: 3/01/2018. Data obtained by Toxics Targeting: 3/07/2018.

12) **Chemical Bulk Storage Facilities:** New York State database of facilities compiled pursuant to 6NYCRR Part 596 that store regulated substances listed in 6NYCRR Part 597 in aboveground tanks with capacities greater than 185 gallons and /or in underground tanks of any size. **Tank & other data withheld by NYSDEC as of 4/1/2002**.
ASTM required.* Fannie Mae required.** Source: New York State Department of Environmental Conservation.[2]
Data updated through: 7/1/2016. Data obtained by Toxics Targeting: 7/1/2016.

13) **Historic New York City Utility Facilities (1898 to 1950):** An inventory of selected power generating stations, manufactured gas plants, gas storage facilities, maintenance yards and other gas and electric utility sites identified in various historic documents, maps and annual reports of New York utility companies, including: Sanborn Fire Insurance Maps of NYC (1898-1950); Consolidated Edison Co. Annual Reports (1922-1939); Consolidated Edison Co. Map: "Boroughs of Manhattan and the Bronx Showing Distribution Mains of the New York Edison Co.," (1922); and Consolidated Edison document: "Generating and Annex Stations," (1911).

14) **Hazardous Substance Waste Disposal Site Study:** NYS database of waste disposal sites that may pose threats to public health or the environment, but could not be remediated using monies from the Hazardous Waste Remedial Fund.
Source: New York State Department of Environmental Conservation.[2]
Data updated to: 5/16/2000. Data obtained by Toxics Targeting: 5/16/2000.

15) **Toxic Release Inventory (TRI):** Federal database of manufacturing facilities required under Section 313 of the Federal Emergency Planning and Community Right-to-Know Act to report releases to the air, water and land of any specifically listed toxic chemical. See Fannie Mae requirement** below.
Source: U. S. Environmental Protection Agency.[1] / NYS Department of Environmental Conservation[2]
Data updated through: 3/8/2004. Data obtained by Toxics Targeting: 3/25/2004

16) **Toxic Wastewater Discharges (Permit Compliance System):** Federal database of discharges of wastewater to surface waters and groundwaters. See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 6/17/2004. Data obtained by Toxics Targeting: 7/19/2004.

17) **Air Discharge Facilities:** EPA AIRS database containing address information on each air emission facility and the type of air pollutant emission it is. Compliance information is also provided on each pollutant as well as the facility itself.
See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency[1]
Data updated through: 11/24/1999. Data obtained by Toxics Targeting: 1/6/2000

18) **Civil Enforcement & Administrative Docket:** This database is the U. S. EPA's system for tracking administrative and civil judiciary cases filed on behalf of the agency by the Department of Justice. Fannie Mae required.**
Source: U. S. Environmental Protection Agency.[1]
New Sites through: 10/14/1999.
Data updated through: 10/14/1999. Data obtained by Toxics Targeting: 11/18/1999.

19) **New York City Environmental Quality Review (CEQR) – E Designation Sites:** These sites are parcels assigned a special environmental ("E") designation under the CEQR process. E designation requires specific protocols that must be followed. Source: New York City Department of Planning[3]
Data updated through: 3/22/2018. Data obtained by Toxics Targeting: 4/3/2018.

20) **Emergency Response Notification System (ERNS):** Federal database of spills compiled by the Emergency Response Notification System. On-site searches only.
ASTM required.* See Fannie Mae requirement** below. Source: U. S. Environmental Protection Agency.[1]
Data updated through: 1/31/2000. Data obtained by Toxics Targeting: 2/15/2000

21) **Remediation Site Borders:** Remediation site borders reported by NYSDEC.
Source: New York State Department of Environmental Conservation.[2]
Updated through: 2/14/2024. Data obtained by Toxics Targeting: 2/14/2024.

* American Society of Testing Materials: Standard Practice on Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-05).
** Fannie Mae's Part X Environmental Hazards Management Procedures specify 1.0 mile searches for "any state or Federal list of hazardous waste sites (e.g. CERCLIS, HWDMS etc.)." Searches for the property and adjacent properties are specified for "chemical manufacturing plants," "obvious high risk neighbors engaging in storing or transporting hazardous waste, chemicals or substances" and "...any documented or visible evidence of dangerous waste handling... (e.g. stressed vegetation, stained soil, open or leaking containers, foul fumes or smells, oily ponds, etc." Searches for property and adjacent properties can include sites up to a quarter mile away (W. Hayward, Director, Multi-Family Business Planning and Control, Fannie Mae, personal communication, 5/94).

[1]U. S. Environmental Protection Agency, 290 Broadway, NY, NY 10007-1866.

[2]NYS Department of Environmental Conservation, 625 Broadway, Albany, NY 12233.

[3]New York City Department of City Planning, 22 Reade St, New York, NY 10007-1216

92-07 63rd Dr.
9207 63rd Dr. / 92-07 63rd Dr.
Rego Park, NY 11374

Inquiry Number: 7623073.1
April 16, 2024

The EDR-City Directory Abstract

EDR® Environmental Data Resources Inc

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Shelton, CT 06484
800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

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

Year	Source	TP	Adjoining	Text Abstract	Source Image
2020	EDR Digital Archive	-	X	X	-
2017	Cole Information	-	X	X	-
2014	Cole Information	-	X	X	-
2010	Cole Information	-	X	X	-
2005	Cole Information	X	X	X	-
	Hill-Donnelly Information Services	X	X	X	-
2000	Cole Information	X	X	X	-
1996	NYNEX	-	-	-	-
1995	Cole Information	X	X	X	-
1992	Cole Information	X	X	X	-
1991	NYNEX Information Resource Company	X	X	X	-
1983	New York Telephone	X	X	X	-
1976	New York Telephone	X	X	X	-
1970	New York Telephone	X	X	X	-
1967	New York Telephone	X	X	X	-
1962	New York Telephone Directory	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1950	New York Telephone	-	-	-	-
1945	New York Telephone	X	X	X	-
1939	New York Telephone Company	X	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1922	H.C. Morris	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

9207 63rd Dr. / 92-07 63rd Dr.
Rego Park, NY 11374

FINDINGS DETAIL

Target Property research detail.

63RD DR

9207 63RD DR

Year	*Uses*	*Source*
2005	A 1 24 Hour 7 Day Emergency	Hill-Donnelly Information Services
	Dream Convenience & Fashion	Hill-Donnelly Information Services
	Enterprsises Renu 2 R	Hill-Donnelly Information Services
	Rego Wok Restaurant Inc	Hill-Donnelly Information Services
2000	Rego Wok Chinese	Cole Information
	Rego Wok Rstrnt	Cole Information
	Roma 99 Cents Inc	Cole Information
	ROMA 99 CENTS INCORPORATED	Cole Information
	Tasty Deli & Coffee	Cole Information
1995	FOUR SEAS RESTAURANT	Cole Information
	MARVANN CLEANERS	Cole Information
1992	FOUR SEAS RESTRNT	Cole Information
	MARVAN CLEANERS	Cole Information
	MARVANN CLEANERS	Cole Information
1991	Happy Town Chinese Kitchen	NYNEX Information Resource Company
	Marvann Cleaners	NYNEX Information Resource Company
1983	Consumers Meat Mkt Inc	New York Telephone
	Marvan Cleaners	New York Telephone
	Marvann Cleaners	New York Telephone
1976	Consumers Meat Mkt Inc	New York Telephone
1970	Consumers Meat Mkt	New York Telephone
	Evette Cleanrs & Tailors	New York Telephone

FINDINGS

Year	Uses	Source
1967	Consumers Meat Mkt	New York Telephone
	Evette Cleanrs & Tailors	New York Telephone
1962	Como Cleaners	New York Telephone Directory
	Consumers Meat Mkt	New York Telephone Directory
1945	Como Cleaners	New York Telephone
	Gobel E Mrs b	New York Telephone
1939	Brown Lawrence butchr	New York Telephone Company

FINDINGS

ADJOINING PROPERTY DETAIL

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

63RD DR

9135 63RD DR

Year	Uses	Source
2020	FOCUS ACADEMY	EDR Digital Archive
	PROVEYOURKARMA.ORG INC	EDR Digital Archive

9139 63RD DR

Year	Uses	Source
2020	REGO PARK APPLIANCE REPAIR MEN	EDR Digital Archive
2014	SOS	Cole Information

9140 63RD DR

Year	Uses	Source
1970	Shalom Gifts	New York Telephone
1967	Novals Antiques & Galerie	New York Telephone
1962	Lo Ete Hair Stylists	New York Telephone Directory
1945	Rego Pk	New York Telephone

9141 63RD DR

Year	Uses	Source
2020	QUEENS BOROUGH PUBC LIBRARY	EDR Digital Archive
2017	QUEENS BOROUGH PUBLIC LIBRARY	Cole Information
2014	REGO PARK BRANCH QUEENS LIBRARY	Cole Information
	QUEENS BOROUGH PUBLIC LIBRARY	Cole Information
2010	REGO PARK LIBRARY	Cole Information
2005	Rego Park Library	Hill-Donnelly Information Services
	QUEENS BOROUGH PUBLIC LIBRR	Cole Information
2000	Queens Boro Pub	Cole Information
	Rego Park Br Qns	Cole Information
	REGO PARK BRANCH QUEENS LIB	Cole Information

FINDINGS

Year	Uses	Source
1995	QUEENS BOROUGH PUBLIC LIBRARY-BRANCHES-REGO PARK	Cole Information
1992	LOCAL 1321 QUEENS BOROUGH LIBRARY GUILD	Cole Information
	QUEENS BOROUGH PUBLIC LIBRARY-BRANCHES-REGO PARK	Cole Information
1991	Rego Park Branch Queens Library	NYNEX Information Resource Company
	Rego Park	NYNEX Information Resource Company
1983	Rego Park	New York Telephone

9142 63RD DR

Year	Uses	Source
1970	Burton Cleaners Inc	New York Telephone
1967	Leeds Cleaner	New York Telephone
1962	Leeds Cleaner	New York Telephone Directory
1945	Rego Pk	New York Telephone

9144 63RD DR

Year	Uses	Source
1970	Rego Record Card & Toy Cntr	New York Telephone
	Simmon M recrds	New York Telephone
	Simmons Record Card & Toy Cntr	New York Telephone
1967	Rego Record Card & Toy Cntr	New York Telephone
	Simmon M recrds	New York Telephone
	Simmons Record Card & Toy Cntr	New York Telephone
1962	Rego Record Card & Toy Cntr	New York Telephone Directory
	Simmon M recrds	New York Telephone Directory
	Simmons Record Card & Toy Cntr	New York Telephone Directory

9146 63RD DR

Year	Uses	Source
1970	Jung Fat Man	New York Telephone
1962	House of Ruskins Queens	New York Telephone Directory
1945	Cha Pette Hats w hol milnry	New York Telephone

FINDINGS

9148 63RD DR

Year	Uses	Source
1970	MIKRO TELVISN & APPLIANCES ING	New York Telephone
1962	Mikio Telvisn & Appliances Inc	New York Telephone Directory
	MIKRO TELEVISION & APPLIANCES INC	New York Telephone Directory
1945	Norman Elec Appliance Corp	New York Telephone

9163 63RD DR

Year	Uses	Source
2005	24 Hour Locksmith At Queens	Hill-Donnelly Information Services

9201 63RD DR

Year	Uses	Source
2000	Farmers Best Bzr	Cole Information
	FARMERS BEST BAZAAR	Cole Information
1995	YOUNG'S MARKET	Cole Information
1992	CHUNG S AUSTIN MARKET	Cole Information
1991	Midtow n Green Farm	NYNEX Information Resource Company
1983	Sunny Fruit	New York Telephone
1967	Rego Pk Statnry & Luncheonette	New York Telephone
1962	Rego Pk Statnry & Luncheonette	New York Telephone Directory
1945	Brenner V statnry	New York Telephone

9202 63RD DR

Year	Uses	Source
2020	WESTERN UNION AGENT LOCATION	EDR Digital Archive
	KEY FOOD	EDR Digital Archive
	ATM	EDR Digital Archive
2017	KEY FOOD	Cole Information
2014	KEY FOOD	Cole Information
2010	KEY FOOD SUPERMARKET	Cole Information
2005	24 Hour Certified Blacksmith	Hill-Donnelly Information Services
	Key Food Supermarket 2 R	Hill-Donnelly Information Services
	REGO FOOD CORP	Cole Information
	KEY FOOD	Cole Information

FINDINGS

Year	Uses	Source
2005	SIX THIRTY CORP	Cole Information
2000	B & H Tow Svc 24 Hr	Cole Information
	Key Food	Cole Information
1995	C-TOWN	Cole Information
	REGO SUPERMARKET INC	Cole Information
1992	C-TOWN	Cole Information
	REGO SUPERMARKET INC	Cole Information
1991	Key Food	NYNEX Information Resource Company
	Rego Supermarket Inc	NYNEX Information Resource Company
1983	Key Food	New York Telephone
	Rego Supermarket Inc	New York Telephone
1976	Key Food	New York Telephone
1970	Paulas Cleang Cntr	New York Telephone
1967	Paulas Cleang Cntr	New York Telephone
1962	County Cottons	New York Telephone Directory

9203 63RD DR

Year	Uses	Source
1995	TRI-MEE INC	Cole Information
1992	TRI-MEE INC	Cole Information
1983	Wees Delicatessen	New York Telephone
1976	Eggerts Delcatesn	New York Telephone
1970	Eggerts Delcatesn	New York Telephone
1967	Eggerts Delcatesn	New York Telephone
1962	Dietz Delcatesn	New York Telephone Directory
1945	Mangels C delctsn grocry	New York Telephone

9204 63RD DR

Year	Uses	Source
1970	Edwards A Z intr decrtr	New York Telephone
	Fashion Decratrs & Upholsterers	New York Telephone
1967	Edwards A Z intr decrtr	New York Telephone
	Fashion Decratrs & Upholsterers	New York Telephone

FINDINGS

9205 63RD DR

Year	Uses	Source
1995	GOLDEN CROISSANT HOUSE INC	Cole Information
1992	GOLDEN CROISSANT HOUSE INC	Cole Information
1991	Chicken Haven	NYNEX Information Resource Company
	Maes Chicken Heaven	NYNEX Information Resource Company
1983	Chicken Haven Inc	New York Telephone
1976	Chicken Holiday	New York Telephone
1967	Als Fruit & Vegetable Mkt	New York Telephone
1962	Als Fruit & Vegetable Mkt	New York Telephone Directory
	Flatow A frts & vegs	New York Telephone Directory
1945	Rego Sta Fruit Mkt	New York Telephone

9206 63RD DR

Year	Uses	Source
1967	Sal & Joseph Hair Stylists	New York Telephone
1962	Sal & Arthur Hair Stylists Inc	New York Telephone Directory

9208 63RD DR

Year	Uses	Source
1962	Edwards A Z intr decrtr	New York Telephone Directory
	Fashion Decorators & Upholsterers	New York Telephone Directory

9209 63RD DR

Year	Uses	Source
2020	CHEBURCHNAYA	EDR Digital Archive
2017	CHEBURCHNAYA	Cole Information
2014	CHEBURECHNAYA INCORPORATED	Cole Information
	OCCUPANT UNKNOWN	Cole Information
2010	A LOCKSMITH 24 HRS	Cole Information
	CHEBURECHNAYA INC	Cole Information
	OCCUPANT UNKNOWN	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
	AAA Locksmith 24 HRS is	Hill-Donnelly Information Services
	Abc Grocery Inc	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Cheburechnaya Inc	Hill-Donnelly Information Services
2000	Meghna Groc & Halal	Cole Information
	Queens Cnsl Jew	Cole Information
	BNAI BRITH THRIFT SHOP	Cole Information
1995	BNAI BRITH THRIFT SHOP	Cole Information
	PEE N PEE INC	Cole Information
1992	BNAI BRITH THRIFT SHOP	Cole Information
	PEE N PEE INC	Cole Information
1991	Barbakoff Sharon podiatrist	NYNEX Information Resource Company
	Bnai Brith Thrift Shop	NYNEX Information Resource Company
	Gudeon Arthur poditrst	NYNEX Information Resource Company
1983	Gudeon Arthur poditrst	New York Telephone
	Bnai Brith Thrift Shop	New York Telephone
1976	Gudeon Arthur poditrst	New York Telephone
	Keller Lester S poditrst	New York Telephone
1970	Cudeon Arthur	New York Telephone
	Keller Lester S poditrst	New York Telephone
	Pottery Mkt of NY Inc giftw r	New York Telephone
1967	Lanes Fabrics & Trimmings	New York Telephone
	Potteiy Mkt of NY Inc giftw r	New York Telephone
1962	Lanes Fabrics & Trimmings	New York Telephone Directory
	Pottery Mkt of NY Inc	New York Telephone Directory
1945	Helens Beauty Shoppe	New York Telephone
	Rego Pk Laundry	New York Telephone

9210 63RD DR

Year	Uses	Source
1970	Floor Maintenance Co	New York Telephone
	FLOOR MAINTENANCE CO	New York Telephone
	Wohl Bros crpntrs	New York Telephone
1967	Wohl Bros crpntrs	New York Telephone
1962	Wohl Bros crpntrs	New York Telephone Directory
	Wohl Bros furn	New York Telephone Directory

FINDINGS

9214 63RD DR

Year	Uses	Source
2020	OUR SAVIOUR NEW YORK OF QUEENS	EDR Digital Archive
2017	OUR SAVIOUR NEW YORK	Cole Information
2014	OUR SAVIOR NEW YORK	Cole Information
2005	Our Saviour Lutheran Church	Hill-Donnelly Information Services
	Our Saviour Luthern Pre School	Hill-Donnelly Information Services
	BETH EL MESSIANIC LUTH CHURCH	Cole Information

9215 63RD DR

Year	Uses	Source
2020	MICHAEL L RICHTER MD	EDR Digital Archive
2017	MICHAEL RICHTER MD	Cole Information
2014	RICHTER MICHAEL MD	Cole Information
2010	RICHTER MICHAEL L MD	Cole Information
2005	h Richter Sam A v	Hill-Donnelly Information Services
	Richter Sam MD IP	Hill-Donnelly Information Services
	Travel Medicine J P	Hill-Donnelly Information Services
	TRAVEL MEDICINE	Cole Information
	SAM RICHTER	Cole Information
2000	Richter Michael	Cole Information
	Richter Sam MD	Cole Information
	Travel Medicine	Cole Information
	RICHTER SAM MD	Cole Information
	TRAVEL MEDICINE	Cole Information
1995	RICHTER, MICHAEL, MD	Cole Information
	RICHTER, SAM, MD	Cole Information
1992	HANIGSBERG, M J, MD OFC	Cole Information
1991	Hanigsberg M J MD ofc	NYNEX Information Resource Company
1983	Hanigsberg M J MD ofc	New York Telephone
1976	Hanigsberg M J MD ofc	New York Telephone
1967	Hanigsberg M J MD ofc	New York Telephone
1945	Fried A Jame MD	New York Telephone

FINDINGS

9219 63RD DR

Year	Uses	Source
2020	520 FRANKLIN AVENUE PHARM INC	EDR Digital Archive

9248 63RD DR

Year	Uses	Source
1967	Mikro Telvisn & Appliances Inc	New York Telephone

9206 63RD DR

63 9206 63RD DR

Year	Uses	Source
1970	Salon	New York Telephone

AUSTIN ST

6337 AUSTIN ST

Year	Uses	Source
2020	MOE PSYCHOLOGICAL SVC	EDR Digital Archive
	MOE PSYCHOLOGICAL SVC	EDR Digital Archive
	JACQUELINE HUERTA	EDR Digital Archive
	ESTEBAN FLORES	EDR Digital Archive
	FELIX ORTIZ	EDR Digital Archive
	JOGA SINGH	EDR Digital Archive
	BRANDON FLORES	EDR Digital Archive
	EVELYN MARTINEZ	EDR Digital Archive
	JUANA CARRION	EDR Digital Archive
	RUBINA SHAIKH	EDR Digital Archive
	NILA KHAING	EDR Digital Archive
	ANDRES CARRION	EDR Digital Archive
	DIMPY SINGH	EDR Digital Archive
	SANAE SS	EDR Digital Archive
	SUPANEE FLORES	EDR Digital Archive
	BERTHA BOJORQUE	EDR Digital Archive
	MANINDER KAUR	EDR Digital Archive
	NERIK FUZAILOV	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	JEAN MILLER	EDR Digital Archive
	CATALINO FLORES	EDR Digital Archive
	SUSAN CARRION	EDR Digital Archive
	RAYHAN SHAIKH	EDR Digital Archive
	BARNO FUZAILOV	EDR Digital Archive
	VICTOR CHINTALA	EDR Digital Archive
	JULIEN MOE	EDR Digital Archive
	JEAN GIBBS	EDR Digital Archive
	AJIT SINGH	EDR Digital Archive
	DEANONEAL WILLIAMS-KOGAR	EDR Digital Archive
	PHETH PHONPRASERT	EDR Digital Archive
2017	JOHNNY CARRION	Cole Information
	ESTEBAN FLORES	Cole Information
	JONATHAN JIMENEZ	Cole Information
	MANUEL HUERTA	Cole Information
	JUVENCIO MARTINEZ	Cole Information
	MANINDER KAUR	Cole Information
	ARADINE LEE	Cole Information
	JEAN MILLER	Cole Information
	VICTOR CHINTALA	Cole Information
	JULIEN MOE	Cole Information
2014	MOHINDER PAUL	Cole Information
	NILA KHAING	Cole Information
	RUBINA SHAIKH	Cole Information
	IQBAL SINGH	Cole Information
	JULIE KAEWWAEN	Cole Information
	VICTOR CHINTALA	Cole Information
	KISHA MILLER	Cole Information
2010	NINA ROXAS	Cole Information
	JAVIER REDONDO	Cole Information
	MUSA KHAN	Cole Information
	FAZAL KHAN	Cole Information

FINDINGS

Year	Uses	Source
2010	PAMELA JOSEPH	Cole Information
	SUPANEE FLORES	Cole Information
	MAULA MOHAMMED	Cole Information
	MARIA FLORENTINO	Cole Information
	KISHA MILLER	Cole Information
	AJIT SINGH	Cole Information
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 2 A h Flores Supanee	Hill-Donnelly Information Services
	Numbr 3 F Hernandez Sutton Tomas	Hill-Donnelly Information Services
	Javed Aisha Afzal vv	Hill-Donnelly Information Services
	Joseph Pamela	Hill-Donnelly Information Services
	Khan Aziz	Hill-Donnelly Information Services
	Numbr 3 C Khan Mahjabeen	Hill-Donnelly Information Services
	Numbr 1 F h Phonprasert Pheth	Hill-Donnelly Information Services
	Redondo Javier v O	Hill-Donnelly Information Services
	Numbr IC h Starace Saundra AO	Hill-Donnelly Information Services
	AUSTIN LAUNDROMAT INC	Cole Information
	JAVIER REDONDO	Cole Information
	ROBERTO BALDERRABANO	Cole Information
	AZIZ KHAN	Cole Information
	JOGA SINGH	Cole Information
	SAUNDRA STARACE	Cole Information
	PAMELA JOSEPH	Cole Information
	HERMINIO BAQUISAL	Cole Information
	NADIA GRAY	Cole Information
	SUPANEE FLORES	Cole Information
	JEAN MILLER	Cole Information
	TOMAS HERNANDEZ	Cole Information
	LUIS GARCIA	Cole Information
	PHETH PHONPRASERT	Cole Information
	GUILLERMO ESPINOZA	Cole Information
	HUMBERTO GOMEZ	Cole Information

FINDINGS

Year	Uses	Source
2005	ISAK PINKHASOV	Cole Information
	DILARA AKAND	Cole Information
	JEAN GIBBS	Cole Information
2000	Apartments Dilara Akand	Cole Information
	Muruddin Dewani	Cole Information
	1D Vinette Ferdinand	Cole Information
	Bamo Fuzailov	Cole Information
	1D Jean Gibbs	Cole Information
	Pamela Joseph	Cole Information
	Nantachai Kuchart	Cole Information
	Pheth Phonprasert	Cole Information
	Isak Pinkhasov	Cole Information
	A Avtar Singh	Cole Information
	Iqbal Singh	Cole Information
	Joga Singh	Cole Information
	C Yunprayong	Cole Information
	PAMELA JOSEPH	Cole Information
	AVTAR SINGH	Cole Information
	CESAR BRAVO	Cole Information
	ISAK PINKHASOV	Cole Information
	JEAN GIBBS	Cole Information
1992	GIBBS, JEAN	Cole Information
	ALI, HASAM	Cole Information
	JOSEPH, PAMELA	Cole Information
	GOTHI, GIRISHKUMAR	Cole Information
	OBEROI, VIKRAM	Cole Information
	PANJWANI, SADRUDDIN	Cole Information
	FERNANDEZ, ISABEL	Cole Information
	KOGER, PATRICIA	Cole Information
	HUSSAIN, SHIRAG	Cole Information
1991	Ferdinand Joseph	NYNEX Information Resource Company
	Kesani Mahabul	NYNEX Information Resource Company

FINDINGS

Year	*Uses*	*Source*
1991	Koger Patricia	NYNEX Information Resource Company
	Montgomery Juanita	NYNEX Information Resource Company
	Pena Joseph	NYNEX Information Resource Company
1983	Cyr J Jr	New York Telephone
	Ferdinand Joseph	New York Telephone
	Josephs A	New York Telephone
	Koger P	New York Telephone
	Montgomery Juanita	New York Telephone
	Pena Joseph	New York Telephone
	Santiago Floralba	New York Telephone
1976	Bitsakis Agnes Mrs	New York Telephone
	Clark D	New York Telephone
	De Diego Jose M	New York Telephone
	Douglas Hall I	New York Telephone
	Lee S C	New York Telephone
1970	Berton Geo	New York Telephone
	Bitsakis Agnes Mrs	New York Telephone
	DiNanio Jos	New York Telephone
	Garcia Valentin	New York Telephone
	Gaskin Chas	New York Telephone
	Oestrreicher Helen	New York Telephone
	Petermiller J	New York Telephone
	Saito Mikio	New York Telephone
	Vogel M	New York Telephone
1967	Apfelberg Morris	New York Telephone
	Bitsakis Agnes Mrs	New York Telephone
	Chazan Garry	New York Telephone
	DiNasno Jos	New York Telephone
	Fried T	New York Telephone
	Jimenez Carlos	New York Telephone
	Meyer Raymond	New York Telephone
	Petermiller T	New York Telephone

FINDINGS

Year	Uses	Source
1967	Sam Anita	New York Telephone
1962	Hock Dorothy	New York Telephone Directory
	Ismaili Jos	New York Telephone Directory

6343 AUSTIN ST

Year	Uses	Source
2020	JUAN GARRIDO	EDR Digital Archive
	LUIS VERNON	EDR Digital Archive
	ANIBAL DAVILA	EDR Digital Archive
	KATHRYN BEACH	EDR Digital Archive
	ALISSA JAMES	EDR Digital Archive
	ERNESTO VERNON-HULSCO	EDR Digital Archive
	UBANER CASTRO	EDR Digital Archive
	JOSE OCHOA	EDR Digital Archive
	PATRICIO ORELLANA	EDR Digital Archive
	PETER ELIOPOULOS	EDR Digital Archive
	ROBERT AYRES	EDR Digital Archive
	ANGEL REY	EDR Digital Archive
	KANDA NGOW	EDR Digital Archive
	LAZARO MAJANO	EDR Digital Archive
	LUZMARINA VERNON	EDR Digital Archive
	JUAN REY	EDR Digital Archive
	SUMATE ONLAOR	EDR Digital Archive
	TULA FALCON	EDR Digital Archive
	VICTOR AREQUIPA	EDR Digital Archive
	LEVI BEACH	EDR Digital Archive
	JENFHY DIAZ	EDR Digital Archive
	NUTTAKAN PRASERTSRI	EDR Digital Archive
	AUGUSTO DAVILA	EDR Digital Archive
	ALAINA BEACH	EDR Digital Archive
	EDUARDO RENIGEN	EDR Digital Archive
2017	ADAM BEACH	Cole Information
	JOHN LAFAIX	Cole Information

FINDINGS

Year	Uses	Source
2017	UBANER CASTRO	Cole Information
	ANIBAL DAVILA	Cole Information
	JOSE OCHOA	Cole Information
	ERNESTO VERNON-HULSCO	Cole Information
	ROBERT AYRES	Cole Information
	JERMAINE BOWERS	Cole Information
	PETER ELIOPOULOS	Cole Information
	NICOLLE GOMEZ	Cole Information
	JEHONA ZHARKU	Cole Information
	SUMATE ONLAOR	Cole Information
	PINEDA OCHOA	Cole Information
	JOSEPH JOZKOWSKI	Cole Information
2014	JOHN LAFAIX	Cole Information
	ERNESTO VERNON-HULSCO	Cole Information
	ANIBAL DAVILA	Cole Information
	ROBERT AYRES	Cole Information
	JERMAINE BOWERS	Cole Information
	PETER ELIOPOULOS	Cole Information
	GLOLISET LOYOLA	Cole Information
	ANN FRANCO	Cole Information
	LEVY BEACH	Cole Information
	SUMATE ONLAOR	Cole Information
	ELVIRA BERDENNICOVA	Cole Information
	PINEDA OCHOA	Cole Information
	JOSEPH JOZKOWSKI	Cole Information
2010	PAULA BUDHWA	Cole Information
	MOHAMMAD MASUD	Cole Information
	ANIBAL DAVILA	Cole Information
	ERNESTO VERNON-HULSCO	Cole Information
	STEPHANIE SEUAREZ	Cole Information
	ROBERT AYRES	Cole Information
	VIRAF BHESANIA	Cole Information

FINDINGS

Year	Uses	Source
2010	IQBAL BUDHWANI	Cole Information
	LEVY BEACH	Cole Information
	PINEDA OCHOA	Cole Information
	LILLIAN BOWERS	Cole Information
	NEIL BUCHELI	Cole Information
2005	Multi Unit Address	Hill-Donnelly Information Services
	Augusto Davila	Hill-Donnelly Information Services
	Numbr 1 B h Bhesania Amina A	Hill-Donnelly Information Services
	Numbr 1 F h Budhw ani Iqbal AO	Hill-Donnelly Information Services
	Cantuarlas Maria	Hill-Donnelly Information Services
	Castro Ubaner v	Hill-Donnelly Information Services
	Chavez Giovanna	Hill-Donnelly Information Services
	Numbr 3 F Kaew w aen Julie Angela v	Hill-Donnelly Information Services
	Numbr 3 E Kumar Deepmala v O	Hill-Donnelly Information Services
	Numbr 3 E h Mullokandov Yurly	Hill-Donnelly Information Services
	Numbr 2 A h Rey Pedro AO 718 830 04319a	Hill-Donnelly Information Services
	Valle Eliana v	Hill-Donnelly Information Services
	Numbr 3D h Vernon Hulsco Ernesto A	Hill-Donnelly Information Services
	AMERICA EASY TRADE INC	Cole Information
	YURI MULLOKANDOV	Cole Information
	ERNESTO HULSCO	Cole Information
	AMINA BHESANIA	Cole Information
	GIOVANNA CHAVEZ	Cole Information
	SURINDER KAUR	Cole Information
	ZAIDA AYRES	Cole Information
	ELIANA VALLE	Cole Information
	SURINDER JASPAL	Cole Information
	OCTAVIO ECHEGARAY	Cole Information
	LIANA ALEMAN	Cole Information
	JULIE KAEWWAEN	Cole Information
	IQBAL BUDHWANI	Cole Information
	RAFAEL GOMEZ	Cole Information

FINDINGS

Year	Uses	Source
2005	PEDRO REY	Cole Information
	LILLIAN BOWERS	Cole Information
2000	Apartments	Cole Information
	F Zaida Ayres	Cole Information
	Amina Bhesan	Cole Information
	Tamara Musheev	Cole Information
	E Vernon Hulsco	Cole Information
	H FIELDS	Cole Information
	JOHN LAFAIX	Cole Information
	S JASPAL	Cole Information
	AMINA BHESANIA	Cole Information
	FRANCES RAJENDAR	Cole Information
	ZAIDA AYRES	Cole Information
	TAMARA MUSHEEVA	Cole Information
	ERNESTO VERNON-HULSCO	Cole Information
	IQBAL BUDAHWANI	Cole Information
	S KUDCHIWALA	Cole Information
	YURIY MULLOKANDOV	Cole Information
	RAFAEL GOMEZ	Cole Information
	JOSE MATAMOROS	Cole Information
	LILLIAN BOWERS	Cole Information
1992	FIELDS, H	Cole Information
	OUALAALOU, ISHANE	Cole Information
	VERNON-HULSCO, ERNESTO	Cole Information
	ALAM, S	Cole Information
	GILLANI, SADRUDIN	Cole Information
	REHMAN, MOHAMED	Cole Information
	DAVILA, G	Cole Information
	ROSS, W	Cole Information
	SINGH, JASWANT	Cole Information
	SINGH, A	Cole Information
	PRAT, HELEN	Cole Information

FINDINGS

Year	*Uses*	*Source*
1991	Bow ers Lillian	NYNEX Information Resource Company
	Budhw ani Hassanali I	NYNEX Information Resource Company
	Chagani Mevbin K	NYNEX Information Resource Company
	Davila G	NYNEX Information Resource Company
	Ross W	NYNEX Information Resource Company
	Singh Amar	NYNEX Information Resource Company
	Vargas Edgar	NYNEX Information Resource Company
	Vernon Hulsco Ernesto	NYNEX Information Resource Company
1983	Bow ers Lillian	New York Telephone
	Crosland George	New York Telephone
	Pierre C T	New York Telephone
	Renigen Eduard	New York Telephone
	Ross W	New York Telephone
1976	Freeman Frond	New York Telephone
	Gandhi B	New York Telephone
	Griffiths Virginia	New York Telephone
	John E	New York Telephone
	Johnson H	New York Telephone
1970	Angulo Rose M	New York Telephone
	Biegel John	New York Telephone
	Camacho Bernice	New York Telephone
	Dastin Murray	New York Telephone
	Granek Dorothy	New York Telephone
	Griffiths Virginia	New York Telephone
	Keshishian Hrand H	New York Telephone
	Kuehlew ind Heinz	New York Telephone
	Ross Winifred A	New York Telephone
	Villarraga Dorothy	New York Telephone
	Williams Rose	New York Telephone
1967	Argote Guillermina	New York Telephone
	Camacho Bernice	New York Telephone
	Dastin Murray	New York Telephone

FINDINGS

Year	Uses	Source
1967	Esposito Michl	New York Telephone
	Freed Martin R	New York Telephone
	Jones Susan	New York Telephone
	Keshishian Hrand H	New York Telephone
	Pallotta P	New York Telephone
	Porcelli Dominick	New York Telephone
	Saw yer Robt J	New York Telephone
	Vercessi Peter G	New York Telephone
	Victor H	New York Telephone
	Wald Leon	New York Telephone

6344 AUSTIN ST

Year	Uses	Source
2020	JOHN WILSON	EDR Digital Archive
1992	SEARS AUTO CENTRAL	Cole Information
1983	Four Bros Emergency Svce	New York Telephone
1976	Chardor Mananement Corp	New York Telephone
	Charlo Management Corp	New York Telephone
1962	Rexcord Garage Corp	New York Telephone Directory
1945	Aircraft Tool & Die Corp	New York Telephone
	Martel Chas L aircrft	New York Telephone

6345 AUSTIN ST

Year	Uses	Source
1939	Halls Svce Sta	New York Telephone Company
1934	br	R. L. Polk & Co.

6351 AUSTIN ST

Year	Uses	Source
2017	MASADA CAR SERVICE	Cole Information
2014	MASADA CAR SERVICE	Cole Information
	CAR & LIMO SERVICES MASADA II	Cole Information
2010	MASAGA TWO CAR	Cole Information
	MASADA II INC CAR SVC	Cole Information

FINDINGS

Year	Uses	Source
2005	Alexandras Video Store s	Hill-Donnelly Information Services
2000	Real Estate	Cole Information
	63RD DR INTS FROM	Cole Information
1995	L T REAL ESTATE	Cole Information
1992	L T REAL ESTATE	Cole Information
1991	L T Real Estate	NYNEX Information Resource Company
	L T U International Airw ays J F K Airport @Jamaica@	NYNEX Information Resource Company
1976	Argyriou Meletis shoe repr	New York Telephone

6353 AUSTIN ST

Year	Uses	Source
2014	CLASSICAL HAIRCUT	Cole Information
2010	SERGEYS CLASSICAL HAIRCUT INC	Cole Information
2005	Classical Haircut I s	Hill-Donnelly Information Services
	CLASSICAL HAIRCUT	Cole Information
1992	B & J DISCOUNT BOOKS	Cole Information
1991	B & J Discount Books	NYNEX Information Resource Company
1983	Daylo Elec Light Co	New York Telephone
1976	Daylo Elec Contrctg Co Inc	New York Telephone
	Daylo Elec Light Co	New York Telephone
1970	Daylo Elec Contrctg Co Inc	New York Telephone
	Daylo Elec Light Co	New York Telephone
1962	Daylo Elec Light Co	New York Telephone Directory

6354 AUSTIN ST

Year	Uses	Source
1962	Mangold Peter P	New York Telephone Directory

6355 AUSTIN ST

Year	Uses	Source
1970	Liberty Limoan Corp	New York Telephone
	Liberty Svces Co	New York Telephone
1967	ACTIVE MOERS	New York Telephone
	Katz Interstate & Local Movers	New York Telephone

FINDINGS

Year	Uses	Source
1967	KATZ MOVERS	New York Telephone
	If No Answer TWe11	New York Telephone
1962	Katz Interstate & Local Movers	New York Telephone Directory
1939	Como Cleaners	New York Telephone Company

6368 AUSTIN ST

Year	Uses	Source
2017	SHALIMAR DINER	Cole Information
2014	SHALIMAR DINER	Cole Information
2010	SHALIMAR DINER	Cole Information
2005	SHALIMAR DINER	Cole Information
	6368 AUSTIN STREET CORP	Cole Information
2000	Shalimar Diner	Cole Information
	SHALIMAR DINER	Cole Information
1995	SHALIMAR DINER	Cole Information
1992	SHALIMAR DINER	Cole Information
1991	Shalimar Diner	NYNEX Information Resource Company
1983	Shalimar Diner	New York Telephone

6370 AUSTIN ST

Year	Uses	Source
1991	Gallagher Jean	NYNEX Information Resource Company
	Steinberg Al	NYNEX Information Resource Company
	Steinberg Al	NYNEX Information Resource Company
	Suarez Frank	NYNEX Information Resource Company
1983	Gallagher Jean	New York Telephone
	Steinberg Al	New York Telephone
	Steinberg Al	New York Telephone
	Steinberg Alex	New York Telephone
	Yanello Claudia & Thomas	New York Telephone
1976	Gallagher Jean	New York Telephone
1970	Gallagher Raymond	New York Telephone
	Steinberg Al	New York Telephone
1967	Gallagher Raymond	New York Telephone

FINDINGS

Year	Uses	Source
1967	Jay David	New York Telephone
	Steinberg Al	New York Telephone
	Steinberg Al	New York Telephone
1962	Jay David	New York Telephone Directory
	Pyne Frank J	New York Telephone Directory
	Slutsky Joan	New York Telephone Directory
	Steinberg Al	New York Telephone Directory
	Horowitz Victor	New York Telephone Directory
	Iannaccone Anthony	New York Telephone Directory
	Rosenblatt Rose	New York Telephone Directory
	Slattery Gerald C	New York Telephone Directory
	Slutsky Louis I	New York Telephone Directory
	Stabler Fredk Mrs	New York Telephone Directory
	Ventura Jos	New York Telephone Directory
	Wyart Geo A	New York Telephone Directory
	Zukowsky Jos	New York Telephone Directory

6374 AUSTIN ST

Year	Uses	Source
1991	Namm Martin	NYNEX Information Resource Company
1983	Fonseca Manuel	New York Telephone
	Namm Martin	New York Telephone
1976	Burstein B	New York Telephone
	Dacher Morris	New York Telephone
	Fonseca Manuel	New York Telephone
1970	Burstein B	New York Telephone
	Dacher Morris	New York Telephone
	Fonseca Manuel	New York Telephone
	Israel Clement	New York Telephone
	Israel Clement	New York Telephone
	Namm Martin	New York Telephone
	Orens Randi Lee	New York Telephone
	Setheres Louis	New York Telephone

FINDINGS

Year	Uses	Source
1967	Burstein Blanche	New York Telephone
	Dacher Kenneth	New York Telephone
	Dacher Morris	New York Telephone
	Israel Clement	New York Telephone
	Namm Martin	New York Telephone
	Peralta Rachel	New York Telephone
	Setheres Louis	New York Telephone
	Spiegel Danl	New York Telephone
1962	Burstein Milton R	New York Telephone Directory
	Levine Irving	New York Telephone Directory
	Mirabelle Jas	New York Telephone Directory
	Namm Martin	New York Telephone Directory
	Spiegel Danl	New York Telephone Directory
	Blumenson Esther	New York Telephone Directory
	Butensky Leo	New York Telephone Directory
	Butensky Leo	New York Telephone Directory
	Cheney Louis	New York Telephone Directory
	Forst M B	New York Telephone Directory
	Margolis Morris	New York Telephone Directory
	Meade Mary T	New York Telephone Directory
	Meyer Irving	New York Telephone Directory
	Rosenblatt R	New York Telephone Directory
	Scro Jos	New York Telephone Directory
	Spahan Ruth Mrs	New York Telephone Directory
	Wechsler S	New York Telephone Directory

WETHEROLE ST

6358 WETHEROLE ST

Year	Uses	Source
2020	CREATIVE DENTAL	EDR Digital Archive

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched	Address Not Identified in Research Source
63 9206 63RD DR	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
6337 AUSTIN ST	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
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6337 AUSTIN ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
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6343 AUSTIN ST	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

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9215 63RD DR	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
9215 63RD DR	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
9215 63RD DR	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
9215 63RD DR	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
9219 63RD DR	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
9248 63RD DR	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched	Address Not Identified in Research Source
9207 63rd Dr. / 92-07 63rd Dr.	2020, 2017, 2014, 2010, 1996, 1950, 1934, 1922

SUBSURFACE SOIL VAPOR INVESTIGATION

PREPARED FOR

RIGANO LLC
538 BROAD HOLLOW ROAD, SUITE 301
MELVILLE, NEW YORK 11747

OF THE PROPERTY KNOWN AS

COMMERCIAL PROPERTY
92-07 63RD DRIVE
REGO PARK, NEW YORK 11374

JCB NUMBER 24-57785
APRIL 2024

J.C. BRODERICK & ASSOCIATES, INC.
Environmental Consulting & Testing

1775 Expressway Drive North
Hauppauge, New York 11788
631-584-5492 Fax: 631-584-3395

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Section No. 1.0: Introduction

J.C. Broderick & Associates, Inc. (JCB) was retained by Rigano LLC to perform a subsurface soil vapor investigation at the property located at 92-07 63rd Drive, Rego Park, New York ("The Subject Site"). The purpose of the investigation was to determine if the soil gas was impacted by chlorinated volatile organic compounds (VOCs) from the former use of the Subject Site as a cleaner or tailors.

Chlorinated VOCs were identified in the soil gas at a neighboring property located southeast of the Subject Site at 63-68 Austin Street in the Rego Park section of Queens, New York and identified as Block 3104, Lot 16. Tetrachloroethene (PCE) was detected in all soil vapor samples with a maximum concentration of 35,000 $\mu g/m^3$. Trichloroethene (TCE) was detected in four of the five soil vapor samples with a maximum concentration of 570 $\mu g/m^3$. The New York State Department of Environmental Conservation (NYSDEC) indicated that the soil vapor may be emanating from 92-07 63rd Drive.

Section No. 2.0: Site Description and Location

The Subject Site is located on the northwest corner of the intersection created by 63rd Drive to the east and Austin Street to the south in the Rego Park section of Queens, New York. The subject property is commonly known as and is located at 92-07 63rd Drive, Rego Park, New York 11374.

The Subject Site is square in shape and is approximately 9,850 square feet in size. The existing structure was built in 1940 and consists of a single-story commercial building constructed over a partial basement and is approximately 5,892 square feet in size. During the soil vapor sampling activity, a site inspection was performed and no significant hazardous substances and or petroleum products were observed as being utilized in connection with the current identified uses of the subject property, with the exception of propane to operate several forklifts. The structure is currently occupied by a grocery store, meat store, and restaurant. Historically, the Subject Site was occupied by a "cleaners" and "tailors" in the 1940's through 1970 and a "cleaners" in the 1980's through 1994.

The subject property contains only paved areas. The paved areas consist of asphalt and concrete paved driveways, parking lots and sidewalks.

According to the United States Geological Survey (USGS) *Jamaica, New York, 2019* 7.5 Minute Series Topographical Map, the subject site is situated at an approximate elevation of 58 feet (ft) above mean sea level. Groundwater is estimated at approximately 35 feet below surface grade.

Section No. 3.0: Subsurface Investigation Procedures

The following sections summarize the subsurface investigation performed. Please refer to the Figures, Field Photograph Logs, and Laboratory Analysis Report located in the attachments of this report for additional details

Section No. 3.1: Soil Vapor Sampling

On April 10, 2024, a total of two (2) soil vapor samples were collected utilizing laboratory supplied Summa Canisters from selected locations along the southeast side of the basement between the Subject Site and 63-68 Austin Street. The soil vapor samples were collected from below the basement concrete slab.

Section No. 3.1.1: Soil Vapor Sample Collection

The following summarizes the manner in which sub-slab soil vapor samples were collected. Please refer to Figure No. 2 - Sample Locations for additional details.

For the collection of the soil vapor samples, a probe was fabricated from ½-inch diameter, threaded brass pipe with a barbed tubing connection. A 5/8-inch diameter hole was drilled, utilizing a hammer drill, through the concrete slab extending approximately eight (8) inches below the top of the slab. The pipe was inserted into the hole and sealed to the concrete with modeling clay containing no VOCs. A five (5) gallon plastic container was placed on top of the concrete and above the vapor point. The container was also sealed to the concrete utilizing the same modeling clay. A Teflon-lined, ¼-inch I.D. disposable polyethylene tubing was then utilized to connect the barbed connection of the vapor point to a clean-certified, 6-liter SUMMA® canisters, provided by York Analytical Labs, Inc. (York) through a flow controller pre-set for a eight (8) hour long sample duration. The tubing included a tee connection and valve to a purging vacuum pump calibrated for a flow rate of less than 0.2 liters per minute. The tubing, probe and subsurface soil was purged of at least one (1) liter of vapor prior to sample collection. Upon completion of the sampling, the hole was backfilled to grade and sealed with concrete.

Section No. 3.1.2: Soil Vapor Sample Laboratory Analytical Summary

The following table summarizes the soil vapor samples submitted for laboratory analysis:

Table No. 1:
Summary of Soil Vapor Samples Submitted for Laboratory Analysis

Sample ID#	Date Sampled	Description of Sample	Analysis Method
Basement West	04-10-2024	Soil Vapor Sample	EPA TO-15
Basement East	04-10-2024	Soil Vapor Sample	EPA TO-15

Notes:
EPA = United States Environmental Protection Agency

Section No. 3.1.3: Soil Vapor Laboratory Analytical Summary

The soil vapor samples selected for laboratory analysis were collected into laboratory supplied, clean-certified, 6-liter SUMMA® canisters, and assigned individual identification numbers. Chain of custody documents were prepared, and the samples were then delivered to an independent environmental testing laboratory for analysis.

York Analytical Laboratories, Inc. (York) provided laboratory analytical services. Copies of York's certifications are available upon request.

The chlorinated solvent PCE typically utilized in the dry-cleaning process and their degradation products were not detect in any of the samples collected. No other chlorinated VOCs were identified except for chloroform at 2.9 and 4.1µg/m3

The laboratory report is attached in Appendix C.

Section No. 4.0: Quality Assurance and Quality Control (QA/QC) Procedures

In order to prevent cross-contamination between sampling locations, all re-usable sampling equipment which came into contact with sample materials was decontaminated prior to each use. Equipment used for sample collection was wiped clean, washed in a solution of Alconox and thoroughly rinsed with potable water. All sampling equipment which did not come into contact with sample material was rinsed with potable water prior to the start of sampling. All sampling personnel wore disposable latex, nylon, or nitrile gloves during each sampling event. At a minimum, gloves were changed between sample locations and before each laboratory sample were collected. All collected samples were placed into an appropriately conditioned cooler for storage and transported to the laboratory.

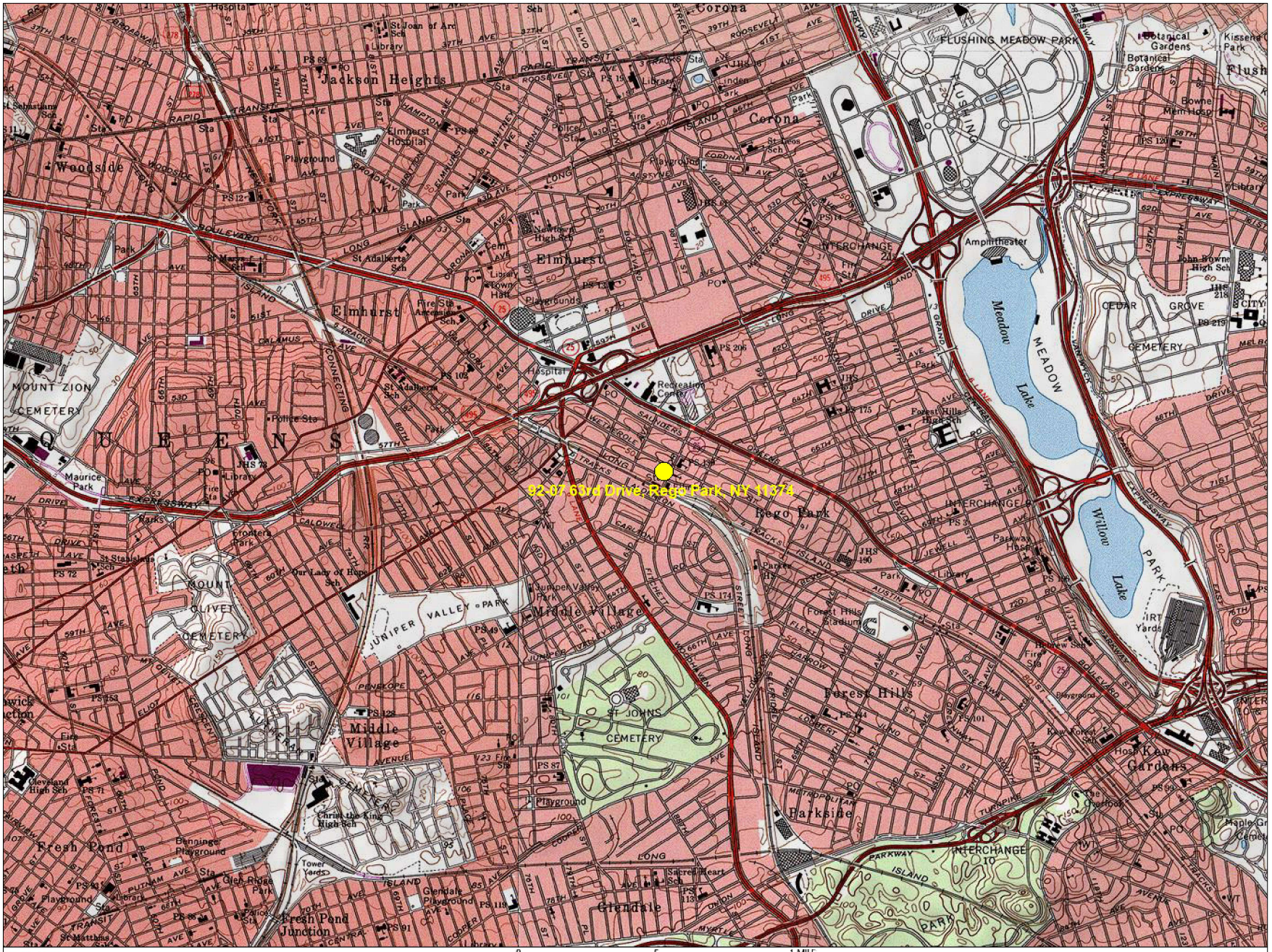
Section No. 5.0: Conclusions

Based on the results of the soil vapor investigation performed at the Subject Site (92-07 63rd Drive) the chlorinated compounds identified at 63-68 Austin Street was not a result of the former uses or tenants of 92-07 63rd Drive.

Sincerely,
J.C. Broderick & Associates, Inc.

Steven Muller, QEP
Director, Subsurface Division

Appendix A
Figures



JCB LEGEND

SUBJECT SITE

J.C. BRODERICK & Associates
Environmental Consulting and Testing
1775 Express Drive North
Hauppauge, New York 11788
Phone: (631).584.5492
Fax: (631).584.3395

Notes:

Commercial Building
92-07 63rd Drive
Rego Park, NY 11374

Drawing Title

Figure No. 1

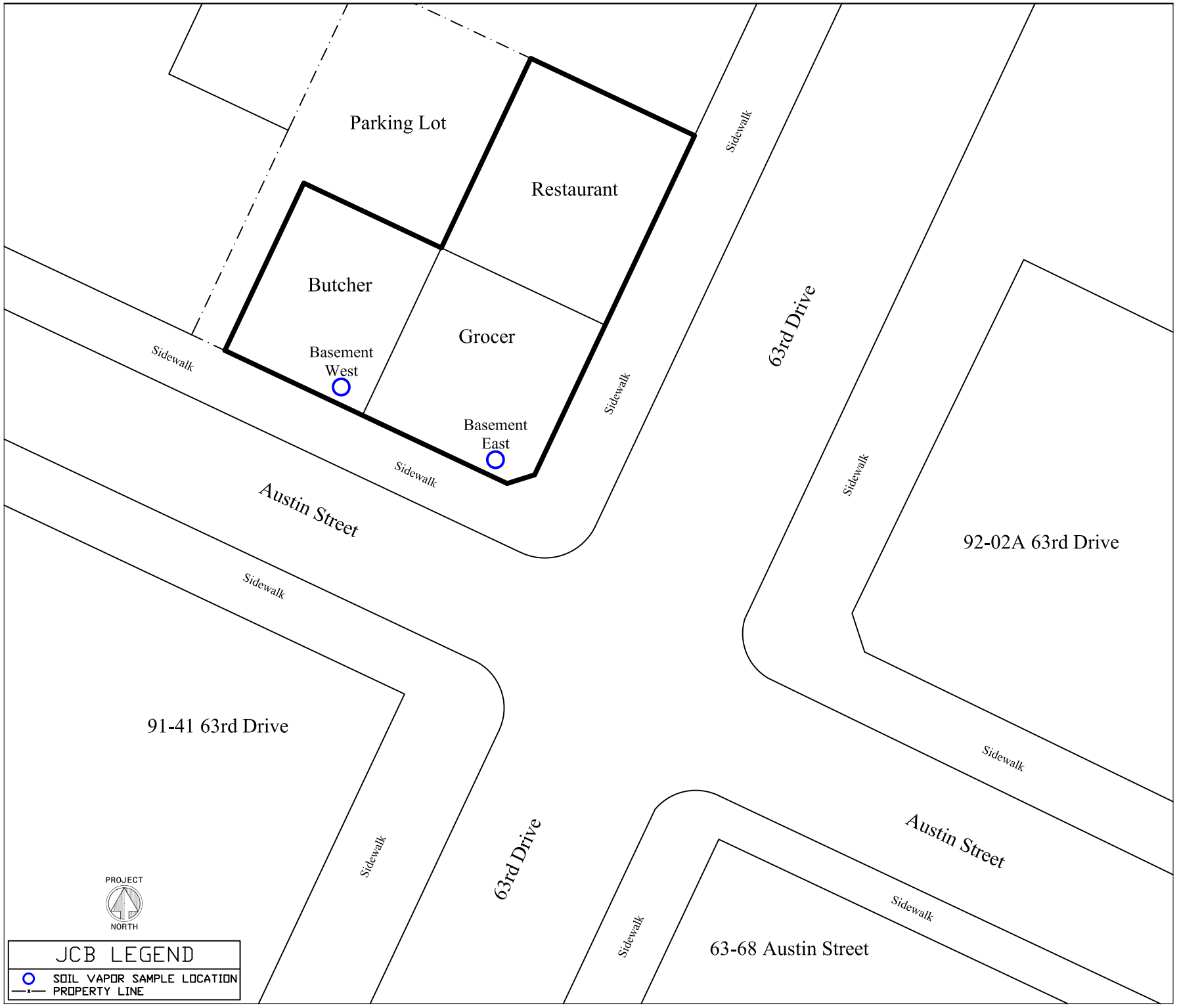
Site Location Map

Scale	Project No.	Date
As Noted	24-57785	04-29-24

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	1 of 2

Drawing No.

1



J.C. BRODERICK & Associates
Environmental Consulting and Testing
1775 Expressway Drive North
Hauppauge, NY 11788
Phone: (631).584.5492
Fax: (631).584.3395

Notes:

Commercial Building
92-07 63rd Drive
Rego Park, NY 11374

Drawing Title

Figure No. 2

Sampling Locations Map

Scale	Project No.	Date
N.T.S.	24-57785	04-10-24

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	2 of 2

Drawing No.

2

Appendix B
Field Photograph Logs

Soil Vapor Sample Location
"Basement West"



Field Photograph Log

Subsurface Soil Vapor Investigation

Commercial Property
92-07 63rd Drive
Rego Park, New York 11374

Photo No. 01

JCB#: 24-57785

Soil Vapor Probe Placement
"Basement West"



Field Photograph Log

Subsurface Soil Vapor Investigation

Commercial Property
92-07 63rd Drive
Rego Park, New York 11374

Photo No. 02

JCB#: 24-57785

Soil Vapor Probe Removed and Sealed
"Basement West"



Field Photograph Log

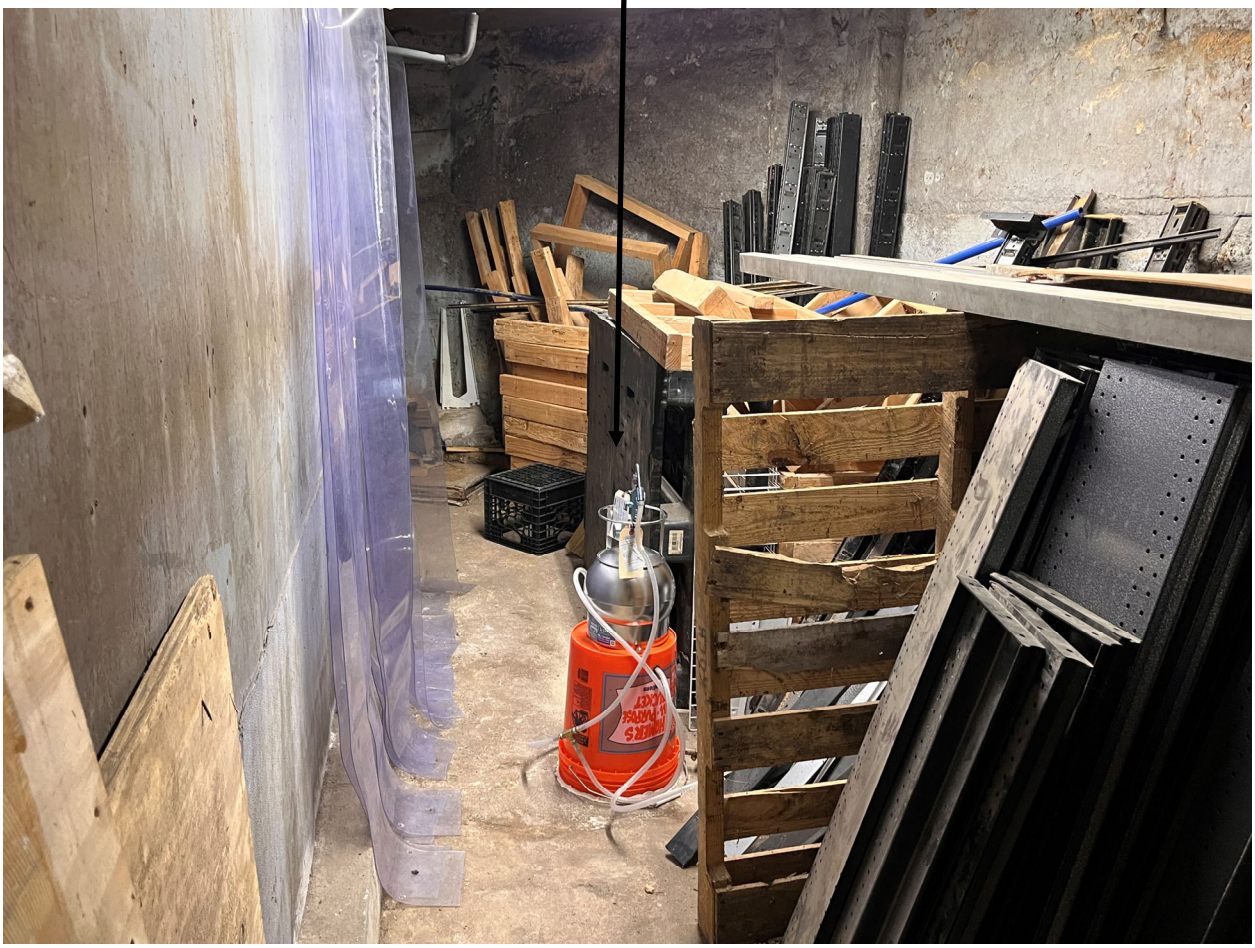
Subsurface Soil Vapor Investigation

Commercial Property
92-07 63rd Drive
Rego Park, New York 11374

Photo No. 03

JCB#: 24-57785

Soil Vapor Sample Location
"Basement East"



Field Photograph Log

Subsurface Soil Vapor Investigation

Commercial Property
92-07 63rd Drive
Rego Park, New York 11374

Photo No. 04

JCB#: 24-57785

Soil Vapor Probe Placement
"Basement East"



Field Photograph Log

Subsurface Soil Vapor Investigation

Commercial Property
92-07 63rd Drive
Rego Park, New York 11374

Photo No. 05

JCB#: 24-57785

Soil Vapor Probe Removed and Sealed
"Basement East"



Field Photograph Log

Subsurface Soil Vapor Investigation

Commercial Property
92-07 63rd Drive
Rego Park, New York 11374

Photo No. 06

JCB#: 24-57785

Appendix C
Laboratory Analysis Report

Technical Report

prepared for:

J.C. Broderick
1775 North Express Drive
Hauppauge NY, 11788
Attention: Steven Muller

Report Date: 04/17/2024
Client Project ID: 24-57785 - RIGANO
York Project (SDG) No.: 24D0835

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 04/17/2024
Client Project ID: 24-57785 - RIGANO
York Project (SDG) No.: 24D0835

J.C. Broderick
1775 North Express Drive
Hauppauge NY, 11788
Attention: Steven Muller

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 April 11, 2024 and listed below. The project was identified as your project: **24-57785 - RIGANO**.

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 customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24D0835-01	BASEMENT WEST	Soil Vapor	04/10/2024	04/11/2024
24D0835-02	BASEMENT EAST	Soil Vapor	04/10/2024	04/11/2024

General Notes for York Project (SDG) No.: 24D0835

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the 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 analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Date: 04/17/2024

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: **BASEMENT WEST** **York Sample ID:** **24D0835-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0835	24-57785 - RIGANO	Soil Vapor	April 10, 2024 1:45 pm	04/11/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* **2,2,4-Trimethylpentane**	**854**		ug/m³	1.40	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:			

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	4.1	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.3	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.1	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	4.6	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.3	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.4	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.60	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	4.5	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**29**		ug/m³	3.0	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	4.6	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.6	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.4	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.8	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	4.2	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**9.7**		ug/m³	3.0	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: **BASEMENT WEST** **York Sample ID:** **24D0835-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0835	24-57785 - RIGANO	Soil Vapor	April 10, 2024 1:45 pm	04/11/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	4.0	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.6	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.8	6.008	EPA TO-15 Certifications:	04/16/2024 12:00	04/17/2024 14:40	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.6	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
123-91-1	1,4-Dioxane	ND		ug/m³	4.3	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
78-93-3	**2-Butanone**	**31**		ug/m³	1.8	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
591-78-6	* 2-Hexanone	ND		ug/m³	4.9	6.008	EPA TO-15 Certifications:	04/16/2024 12:00	04/17/2024 14:40	YR
107-05-1	3-Chloropropene	ND		ug/m³	9.4	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.5	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
67-64-1	**Acetone**	**230**		ug/m³	2.9	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
107-13-1	Acrylonitrile	ND		ug/m³	1.3	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
71-43-2	**Benzene**	**31**		ug/m³	1.9	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
100-44-7	Benzyl chloride	ND		ug/m³	3.1	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
75-27-4	Bromodichloromethane	ND		ug/m³	4.0	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
75-25-2	Bromoform	ND		ug/m³	6.2	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
74-83-9	Bromomethane	ND		ug/m³	2.3	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
75-15-0	Carbon disulfide	ND		ug/m³	1.9	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	0.94	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR
108-90-7	Chlorobenzene	ND		ug/m³	2.8	6.008	EPA TO-15 Certifications:	04/16/2024 12:00 NELAC-NY12058,NJDEP-NY037	04/17/2024 14:40	YR

Sample Information

Client Sample ID: BASEMENT WEST **York Sample ID:** 24D0835-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0835	24-57785 - RIGANO	Soil Vapor	April 10, 2024 1:45 pm	04/11/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m³	1.6	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
67-66-3	Chloroform	ND		ug/m³	2.9	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
74-87-3	Chloromethane	ND		ug/m³	1.2	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
156-59-2	cis-1,2-Dichloroethylene	ND	TO-CCV	ug/m³	0.60	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.7	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
110-82-7	**Cyclohexane**	**46**		ug/m³	2.1	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
124-48-1	Dibromochloromethane	ND		ug/m³	5.1	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.0	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
141-78-6	*** Ethyl acetate**	**11**		ug/m³	4.3	6.008	EPA TO-15 Certifications:	04/16/2024 12:00	04/17/2024 14:40	YR
100-41-4	**Ethyl Benzene**	**58**		ug/m³	2.6	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	6.4	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
67-63-0	**Isopropanol**	**6.6**		ug/m³	3.0	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	2.5	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.2	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
75-09-2	Methylene chloride	ND		ug/m³	4.2	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
91-20-3	* Naphthalene	ND		ug/m³	6.3	6.008	EPA TO-15 Certifications: NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
142-82-5	**n-Heptane**	**68**		ug/m³	2.5	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
110-54-3	**n-Hexane**	**72**		ug/m³	2.1	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
95-47-6	**o-Xylene**	**75**		ug/m³	2.6	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR
179601-23-1	**p- & m- Xylenes**	**160**		ug/m³	5.2	6.008	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 14:40	YR

Sample Information

Client Sample ID: BASEMENT WEST **York Sample ID:** 24D0835-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0835	24-57785 - RIGANO	Soil Vapor	April 10, 2024 1:45 pm	04/11/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
622-96-8	* **p-Ethyltoluene**	**25**		ug/m³	3.0	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	1.0	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	2.6	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	Tetrachloroethylene	ND		ug/m³	4.1	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.5	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:			
108-88-3	**Toluene**	**530**		ug/m³	2.3	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.4	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.7	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.81	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	3.4	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	2.1	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	2.6	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.77	6.008	EPA TO-15	04/16/2024 12:00	04/17/2024 14:40	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: BASEMENT EAST **York Sample ID:** 24D0835-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0835	24-57785 - RIGANO	Soil Vapor	April 10, 2024 1:45 pm	04/11/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: BASEMENT EAST **York Sample ID:** 24D0835-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0835	24-57785 - RIGANO	Soil Vapor	April 10, 2024 1:45 pm	04/11/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* **2,2,4-Trimethylpentane**	**787**		ug/m³	1.40	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:			

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	4.1	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	3.3	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.1	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	4.6	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.3	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.4	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.59	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	4.4	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**26**		ug/m³	2.9	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	4.6	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.6	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.4	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.8	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	4.2	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	**1,3,5-Trimethylbenzene**	**7.3**		ug/m³	2.9	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	4.0	5.976	EPA TO-15	04/16/2024 12:00	04/17/2024 15:31	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: BASEMENT EAST **York Sample ID:** 24D0835-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0835	24-57785 - RIGANO	Soil Vapor	April 10, 2024 1:45 pm	04/11/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.6	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.8	5.976	EPA TO-15 Certifications:	04/16/2024 12:00	04/17/2024 15:31	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.6	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
123-91-1	1,4-Dioxane	ND		ug/m³	4.3	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
78-93-3	**2-Butanone**	**36**		ug/m³	1.8	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
591-78-6	* 2-Hexanone	ND		ug/m³	4.9	5.976	EPA TO-15 Certifications:	04/16/2024 12:00	04/17/2024 15:31	YR
107-05-1	3-Chloropropene	ND		ug/m³	9.4	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.4	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
67-64-1	**Acetone**	**180**		ug/m³	2.8	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
107-13-1	Acrylonitrile	ND		ug/m³	1.3	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
71-43-2	**Benzene**	**26**		ug/m³	1.9	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
100-44-7	Benzyl chloride	ND		ug/m³	3.1	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
75-27-4	Bromodichloromethane	ND		ug/m³	4.0	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
75-25-2	Bromoform	ND		ug/m³	6.2	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
74-83-9	Bromomethane	ND		ug/m³	2.3	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
75-15-0	Carbon disulfide	ND		ug/m³	1.9	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
56-23-5	Carbon tetrachloride	ND		ug/m³	0.94	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
108-90-7	Chlorobenzene	ND		ug/m³	2.8	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
75-00-3	Chloroethane	ND		ug/m³	1.6	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR

Sample Information

Client Sample ID: **BASEMENT EAST** **York Sample ID:** **24D0835-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0835	24-57785 - RIGANO	Soil Vapor	April 10, 2024 1:45 pm	04/11/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	**Chloroform**	**4.1**		ug/m³	2.9	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
74-87-3	**Chloromethane**	**1.7**		ug/m³	1.2	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
156-59-2	cis-1,2-Dichloroethylene	ND	TO-CCV	ug/m³	0.59	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.7	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
110-82-7	**Cyclohexane**	**42**		ug/m³	2.1	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
124-48-1	Dibromochloromethane	ND		ug/m³	5.1	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
75-71-8	**Dichlorodifluoromethane**	**3.0**		ug/m³	3.0	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
141-78-6	*** Ethyl acetate**	**8.4**		ug/m³	4.3	5.976	EPA TO-15 Certifications:	04/16/2024 12:00	04/17/2024 15:31	YR
100-41-4	**Ethyl Benzene**	**43**		ug/m³	2.6	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	6.4	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
67-63-0	**Isopropanol**	**8.1**		ug/m³	2.9	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	2.4	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.2	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
75-09-2	Methylene chloride	ND		ug/m³	4.2	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
91-20-3	* Naphthalene	ND		ug/m³	6.3	5.976	EPA TO-15 Certifications: NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
142-82-5	**n-Heptane**	**57**		ug/m³	2.4	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
110-54-3	**n-Hexane**	**76**		ug/m³	2.1	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
95-47-6	**o-Xylene**	**49**		ug/m³	2.6	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
179601-23-1	**p- & m- Xylenes**	**120**		ug/m³	5.2	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
622-96-8	*** p-Ethyltoluene**	**19**		ug/m³	2.9	5.976	EPA TO-15 Certifications:	04/16/2024 12:00	04/17/2024 15:31	YR

Sample Information

Client Sample ID: BASEMENT EAST **York Sample ID:** 24D0835-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D0835	24-57785 - RIGANO	Soil Vapor	April 10, 2024 1:45 pm	04/11/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
115-07-1	* Propylene	ND		ug/m³	1.0	5.976	EPA TO-15 Certifications:	04/16/2024 12:00	04/17/2024 15:31	YR
100-42-5	Styrene	ND		ug/m³	2.5	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
127-18-4	Tetrachloroethylene	ND		ug/m³	4.1	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.5	5.976	EPA TO-15 Certifications:	04/16/2024 12:00	04/17/2024 15:31	YR
108-88-3	**Toluene**	**420**		ug/m³	2.3	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.4	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.7	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
79-01-6	Trichloroethylene	ND		ug/m³	0.80	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
75-69-4	**Trichlorofluoromethane (Freon 11)**	**4.4**		ug/m³	3.4	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
108-05-4	Vinyl acetate	ND		ug/m³	2.1	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
593-60-2	Vinyl bromide	ND		ug/m³	2.6	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR
75-01-4	Vinyl Chloride	ND		ug/m³	0.76	5.976	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	04/16/2024 12:00	04/17/2024 15:31	YR

Sample and Data Qualifiers Relating to This Work Order

TO-CCV The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 24D0835

YOUR Information	Report To:	Invoice To:
Company: JC BRODERICK & ASSOC.	Company: JCB	Company: JCB
Address: 1775 EXPRESSWAY DR. N HAUPPAUGE, NY	Address:	Address:
Phone: 631-584-5492	Phone.:	Phone.:
Contact: STEVEN MILLER	Contact:	Contact:
E-mail: SMILLER@JCBRODERICK.COM	E-mail:	E-mail:

YOUR Project Number: 24-57785

YOUR Project Name: RIGANO

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	X
RUSH - Four Day	
Standard (5-7 Day)	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

STEVEN MILLER

Samples Collected by: (print your name above and sign below)

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ X ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
BASEMENT WEST	4/10/24	AS	-30	-4	41934	20442	TO-15
BASEMENT EAST	4/10/24	AS	-28	-6	43002	19421	TO-15

Comments: 3-DAY TAT

Detection Limits Required

≤ 1 ug/m³ X NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
JCB	4/11/24 1450	KBalwork	4/11/24 1450	KBalwork	4/11/24 1805
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
	4/11/24 1805		4/11/24 2015	Ramon Duran	4/11/24 2015
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
Ramon Duran	4/11/24				04/12/24 958

Appendix B
Quality Assurance Project Plan

QUALITY ASSURANCE PROJECT PLAN

COMMERCIAL PROPERTY
92-07 63RD DRIVE
REGO PARK, NEW YORK 11374

PREPARED FOR:

EIK REGO PARK ASSOCIATES, LLC

JCB PROJECT #: 25-62259
NOVEMBER 2025

J.C. BRODERICK & ASSOCIATES, INC.
Environmental Consulting & Testing

1775 Expressway Drive North – Suite 1
Hauppauge, New York 11788
631-584-5492 Fax: 631-584-3395

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Section No. 1.0: Introduction

J.C. Broderick and Associates, Inc. (JCB) was retained by EIK Rego Park Associates, LLC (the remedial Party) to prepare this Quality Assurance Project Plan (QAPP) for the property located in the Rego Park neighborhood of Queens County, New York, part of a 1-story shopping center identified as 92-01 – 92-09 63rd Drive on Tax Lot 42 of Block 3094. The site location is shown on Figures 1 and 3 and a copy of the NYC Tax Map is provided in Figure 2.

This QAPP specifies analytical methods to be used to ensure that data collected during the Site Characterization is precise, accurate, representative, comparable, complete, and meets the sensitivity requirements of the project.

Section No. 2.0: Project Objectives

The Site Characterization Work Plan (SCWP) has been developed to meet the investigation requirements of the NYSDEC in accordance with the requirements of Environmental Conservation Law (ECL) Article 27-1415(2). Soil, groundwater, and soil vapor samples will be collected to further assess subsurface conditions across the Site. This QAPP addresses sampling and analytical methods that will be necessary in support of SC activities. These objectives have been established in order to meet standards that will protect public health and the environment for the site.

Section No. 2.1: Scope of Work

The specific scope of work covered in this QAPP includes any sampling that will occur during implementation of the SCWP. The SCWP requires collection of soil, groundwater, and soil vapor samples to further assess subsurface conditions across the Site.

Section No. 3.0: Data Quality Objectives and Process

Data Quality Objectives (DQOs) are qualitative and quantitative statements to help ensure that data of known and appropriate quality are obtained during the project. The overall objectives are:

- To evaluate the quality of soil through the collection of soil samples;
- To evaluate the quality of groundwater through the collection of groundwater samples;
- To evaluate the quality of soil vapor through the collection of soil vapor samples.
- To complete a soil vapor intrusion evaluation through the collection of indoor air samples and sub-slab soil vapor samples.

DQOs for sampling activities are determined by evaluating five factors:

- Data needs and uses: The types of data required and how the data will be used after it is obtained.
- Parameters of Interest: The types of chemical or physical parameters required for the intended use.
- Level of Concern: Levels of constituents, which may require remedial actions or further investigations.
- Required Analytical Level: The level of data quality, data precision, and quality assurance/quality control (QA/QC) documentation required for chemical analysis.
- Required Detection Limits: The detection limits necessary based on the above information.

The quality assurance and quality control objectives for all measurement data include:

- Precision – an expression of the reproducibility of measurements of the same parameter under a given set of conditions. Field sampling precision will be determined by analyzing coded duplicate samples and analytical precision will be determined by analyzing internal QC duplicates and/or matrix spike duplicates.
- Accuracy – a measure of the degree of agreement of a measured value with the true or expected value of the quantity of concern. For soil samples, accuracy will be determined through the assessment of the analytical results of field blanks and trip blanks for each sample set. Analytical accuracy will be assessed by examining the percent recoveries of surrogate compounds that are added to each sample (organic analyses only), internal standards, laboratory method blanks, instrument calibration, and the percent recoveries of matrix spike compounds added to selected samples and laboratory blanks.
- Representativeness – expresses the degree to which sample data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is dependent upon the adequate design of the sampling program and will be satisfied by ensuring that the scope of work is followed and that specified sampling and analysis techniques are used. Representativeness in the laboratory is ensured by compliance to nationally recognized analytical methods, meeting sample holding times, and maintaining sample integrity while the samples are in the laboratory's possession. This is accomplished by following all applicable methods, laboratory-issued standard operating procedures (SOPs), the laboratory's Quality Assurance Manual, and this QAPP. The laboratory is required to be properly certified and accredited.
- Completeness – the percentage of measurements made which are judged to be valid. Completeness will be assessed through data validation. The QC objective for completeness is generation of valid data for at least 90 percent of the analyses requested.
- Comparability – expresses the degree of confidence with which one data set can be compared to another. The comparability of all data collected for this project will be ensured using several procedures, including standard methods for sampling and analysis as documented in the QAPP, using standard reporting units and reporting formats, and data validation.
- Sensitivity – the ability of the instrument or method to detect target analytes at the levels of interest. The project manager will select, with input from the laboratory and QA personnel, sampling and analytical procedures that achieve the required levels of detection.

Section No. 4.0: Project Organization and Responsibility

Implementation of the SCWP will be overseen by JCB for EIK Rego Park Associates, LLC. The environmental consultant will also arrange data analysis and reporting tasks. The analytical services will be performed by an Environmental Laboratory Approval Program (ELAP)-certified laboratory. Data validation services will be performed by an approved data validation contractor.

For the required sampling as stated in the SCWP, sampling will be conducted by JCB, the analytical services will be performed by York Analytical Laboratories, Inc. of Stratford, Conn. (New York State Department of Health [NYSDOH] ELAP certification number 10854). Data validation services will be performed by Laboratory Data Consultants, Inc.

Key contacts for this project are as follows:

EIK Rego Park Associates, LLC:	Lawrence Khedouri	Telephone: 201-724-1139
J.C. Broderick and Associates, Inc.		
Project Manager:	Steven Muller, P.G.	Telephone: 631-584-5492 x 337
Quality Assurance Officer (QAO):	Jeffrey Nannini	Telephone: 631-584-5492 x 329
Data Validator/ Program Quality Assurance Monitor:	Alana Parag	Telephone: 631-584-5492 x 365
Laboratory Representative: York Analytical Laboratories, Inc.	Jenna Pitta-Daniels	Telephone: 203-325-1371 x 855

Section No. 5.0: Quality Assurance Objectives for Collection of Data

The overall quality assurance objective is to develop and implement procedures for sampling, laboratory analysis, field measurements, and reporting that will provide data of sufficient quality to evaluate soil impacts at the site. The sample set, chemical analysis results, and interpretations must be based on data that meet or exceed quality assurance objectives established for the site. Quality assurance objectives are usually expressed in terms of accuracy or bias, sensitivity, completeness, representativeness, comparability, and sensitivity of analysis. Variances from the quality assurance objectives at any stage of the investigation will result in the implementation of appropriate corrective measures and an assessment of the impact of corrective measures on the usability of the data.

Precision
Precision is a measure of the degree to which two (2) or more measurements are in agreement. Field precision is assessed through the collection and measurement of field duplicates. Laboratory precision and sample heterogeneity also contribute to the uncertainty of field duplicate measurements. This uncertainty is taken into account during the data assessment process. For field duplicates, results less than 2x the reporting limit (RL) meet the precision criteria if the absolute difference is less than ±2X the RL. For results greater than 2X the RL, the acceptance criteria is a relative percent difference (RPD) of ≤50% (soil), and <30% (groundwater). RLs and method detection limits (MDL) are provided in Attachment A.

Accuracy
Accuracy is the measurement of the reproducibility of the sampling and analytical methodology. It should be noted that precise data may not be accurate data. For the purpose of this QAPP, bias is defined as the constant or systematic distortion of a measurement process, which manifests itself as a persistent positive or negative deviation from the known or true value. This may be due to (but not limited to) improper sample collection, sample matrix interferences, poorly calibrated analytical or sampling equipment, or limitations or errors in analytical methods and techniques.

Accuracy in the field is assessed through the use of field blanks and through compliance to all sample handling, preservation, and holding time requirements. All field blanks should be non-detect when analyzed by the laboratory. Any contaminant detected in an associated field blank was evaluated against laboratory blanks (preparation or method) and evaluated against field samples collected on the same day to determine potential for bias.

Laboratory accuracy is assessed by evaluating the percent recoveries of MS/MSD samples, LCS/LCSDs, surrogate compound recoveries, internal standard responses and the results of method preparation blanks.

MS/MSD, LCS/LCSD, internal standard responses and surrogate percent recoveries were compared to either method-specific control limits or laboratory-derived control limits. Sample volume permitting, samples displaying outliers should be reanalyzed. All associated method blanks should be non-detect when analyzed by the laboratory.

Completeness
Laboratory completeness is the ratio of total number of samples analyzed and verified as acceptable compared to the number of samples submitted to the fixed-base laboratory for analysis, expressed as a percent. Three (3) measures of completeness are defined:

- Sampling completeness, defined as the number of valid samples collected relative to the number of samples planned for collection;
- Analytical completeness, defined as the number of valid sample measurements relative to the number of valid samples collected; and
- Overall completeness, defined as the number of valid sample measurements relative to the number of samples planned for collection.

Soil and groundwater data will meet a 90% completeness criterion. If the criterion is not met, sample results will be evaluated for trends in rejected and unusable data. The effect of unusable data required for a determination of compliance will also be evaluated.

Representativeness
Representativeness expresses the degree to which data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, a process condition, or an environmental condition within a defined spatial and/or temporal boundary. Representativeness is dependent upon the adequate design of the sampling program and was satisfied by ensuring that the scope of work is followed and that specified sampling and analysis techniques are used. This is performed by following applicable standard operating procedures (SOPs) and this QAPP. All field technicians will be given copies of appropriate documents prior to sampling events and will be required to read, understand, and follow each document as it pertains to the tasks at hand.

Representativeness in the laboratory is ensured by compliance to nationally recognized analytical methods, meeting sample holding times, and maintaining sample integrity while the samples are in the laboratory's possession. This is performed by following all applicable EPA and standard methods, laboratory-issued SOPs, the laboratory’s Quality Assurance Manual, and this QAPP. The laboratory is required to be properly certified and accredited.

Comparability
Comparability is an expression of the confidence with which one data set can be compared to another. Comparability is dependent upon the proper design of the sampling program and was satisfied by ensuring that the sampling plan is followed and that sampling is performed according to the SOPs or other project-specific procedures. Analytical data were comparable when similar sampling and analytical methods are used as documented in the QAPP. Comparability was controlled by requiring the use of specific nationally recognized analytical methods and requiring consistent method performance criteria. Comparability is also dependent on similar quality assurance objectives. Previously collected data were evaluated to determine whether they may be combined with contemporary data sets.

Sensitivity
Sensitivity is the ability of the instrument or method to detect target analytes at the levels of interest (e.g., at the NYSDEC Subpart 375-6 Soil Cleanup Objectives). The Project Manager will select, with input from the laboratory and QA personnel, sampling and analytical procedures that achieve the required levels of detection and QC acceptance limits that meet established performance criteria. Concurrently, the

Project Manager will select the level of data assessment to ensure that only data meeting the project DQOs are used in decision-making.

Field equipment will be used that can achieve the required levels of detection for analytical measurements in the field. In addition, the field sampling staff will collect and submit full volumes of samples as required by the laboratory for analysis, whenever possible. Full volume aliquots will help ensure achievement of the required limits of detection and allow for reanalysis if necessary. The concentration of the lowest level check standard in a multipoint calibration curve will represent the reporting limit.

Analytical methods and quality assurance parameters associated with the sampling program are presented in Attachment B. The frequency of associated field blanks and duplicate samples will be based on the recommendations listed in DER-10 and as described in Section No. 6.3.2.

Section No. 6.0: Sample Collection and Field Data Acquisition Procedures

Soil sampling will be conducted in accordance with the established NYSDEC protocols contained in DER-10/Technical Guidance for Site Investigation and Remediation (May 2010). The following sections describe procedures to be followed for specific tasks.

Section No. 6.1: Field Documentation Procedures

Field documentation procedures will include summarizing field data in field books and proper sample labeling. These procedures are described in the following sections.

Section No. 6.1.1: Field Data and Notes

Field notebooks contain the documentary evidence regarding procedures conducted by field personnel. Hard cover, bound field notebooks will be used because of their compact size, durability and secure page binding. The pages of the notebook will not be removed.

Entries will be made in waterproof, permanent blue or black ink. No erasures will be allowed. Incorrect entries will be crossed out with a single strike mark and the change initialed and dated by the team member making the change.

Each entry will be dated. Entries will be legible and contain accurate and complete documentation of the individual or sampling team's activities or observations made. The level of detail will be sufficient to explain and reconstruct the activity conducted. Each entry will be signed by the person(s) making the entry.

The following types of information will be provided for each sampling task, as appropriate:

- Project name and number;
- Reasons for being on-site or taking the sample;
- Date and time of activity;
- Sample identification numbers;
- Geographical location of sampling points with references to the site, other facilities or a map coordinate system. Sketches will be made in the field logbook when appropriate;
- Physical location of sampling locations such as depth below ground surface;
- Description of the method of sampling including procedures followed, equipment used and any departure from the specified procedures;

- Description of the sample including physical characteristics, odor, etc.;
- Readings obtained from health and safety equipment;
- Weather conditions at the time of sampling and previous meteorological events that may affect the representative nature of a sample;
- Photographic information including a brief description of what was photographed, the date and time, the compass direction of the picture and the number of the picture on the camera;
- Other pertinent observations such as the presence of other persons on the site, actions by others that may affect performance of site tasks, etc.; and,
- Names of sampling personnel and signature of persons making entries.

Field records will also be collected on field data sheets including boring logs, which will be used for geologic and drilling data during soil boring activities. Field data sheets will include the project-specific number and stored in the field project files when not in use. At the completion of the field activities, the field data sheets will be maintained in the central project file.

Section No. 6.1.2: Sample Labeling

Each sample collected will be assigned a unique identification number and placed in an appropriate sample container. Each sample container will have a sample label affixed to the outside with the date and time of sample collection and project name. In addition, the label will contain the sample identification number, analysis required, and chemical preservatives added, if any. All documentation will be completed in waterproof ink. Sample nomenclature procedures are included in Attachment C.

Section No. 6.2: Equipment Calibration and Preventative Maintenance

A photoionization detector (PID) will be used during the sampling activities to evaluate work zone action levels and screen soil samples. Field calibration and/or field checking of the PID will be the responsibility of the field team leader and the site HSO and will be accomplished by following the procedures outlined in the operating manual for the instrument. At a minimum, field calibration and/or field equipment checking will be performed once daily, prior to use. Field calibration will be documented in the field notebook. Entries made into the logbook regarding the status of field equipment will include the following information:

- Date and time of calibration
- Type of equipment serviced and identification number (such as serial number)
- Reference standard used for calibration
- Calibration and/or maintenance procedure used
- Other pertinent information

Equipment that fails calibration or becomes inoperable during use will be removed from service and segregated to prevent inadvertent utilization. The equipment will be properly tagged to indicate that it is out of calibration. Such equipment will be repaired and recalibrated to the manufacturer's specifications by qualified personnel. Equipment that cannot be repaired will be replaced. Off-site calibration and maintenance of field instruments will be conducted as appropriate throughout the duration of project activities. All field instrumentation, sampling equipment and accessories will be maintained in accordance with the manufacturer's recommendations and specifications and established field equipment practice. Off-site calibration and maintenance will be performed by qualified personnel. A logbook will be kept to document that established calibration and maintenance procedures have been followed. Documentation will include both scheduled and unscheduled maintenance.

Section No. 6.3: Sample Collection

Section No. 6.3.1 Soil Samples

Soil samples will be visually classified and field screened using a PID to assess potential impacts from VOCs and for health and safety monitoring. Soil samples collected for analysis of VOCs will be collected using Terra Core® sampling equipment. For analysis of non-volatile parameters, samples will be homogenized and placed into glass jars. After collection, all sample jars will be capped and securely tightened, and placed in iced coolers and maintained at 4°C ±2°C until they are transferred to the laboratory for analysis, in accordance with the procedures outlined in Section No. 6.4. Analysis and/or extraction and digestion of collected soil samples will meet the holding times required for each analyte as specified in Attachment B. In addition, analysis of collected soil samples will meet all quality assurance criteria set forth by this QAPP and DER-10. Soil samples analyzed for per- and poly-fluoro alkyl substances (PFAS) will be collected in 250-milliliter (mL) high-density polyethylene (HDPE) containers provided by the laboratory and analyzed by using USEPA Method 537.1. The reporting limit for PFAS in soil is 0.5 microgram per kilogram (ug/kg). The laboratory standard operating procedures (SOP) for the analysis of PFAS is included in Attachment D. Soil samples analyzed for 1,4-dioxane will be collected in an 8-ounce jar provided by the laboratory and analyzed using USEPA Method 8270. The reporting limit for 1,4-dioxane in soil is 0.1 milligram per kilogram (mg/kg).

Section No. 6.3.1.1: Sample Field Blanks and Duplicates

Use of dedicated sampling equipment is planned; therefore, collection of field blanks is not anticipated. If the use of reusable sampling equipment is required, proper decontamination procedures will be employed (as further described in Section 6.7) and field blanks will be collected for quality assurance purposes at a rate of 1 per 20 investigative soil samples. If required, field blanks will be obtained by pouring laboratory-demonstrated analyte-free water on or through a decontaminated sampling device following use and implementation of decontamination protocols. The water will be collected off of the sampling device into a laboratory provided sample container for analysis. Field blanks will be collected at a rate of 1 per 20 samples and will be analyzed for the complete list of analytes on the day of sampling. If less than 20 samples are collected during a particular sampling event, one (1) field blank sample will be collected. Equipment blanks will be collected at a rate of one (1) per day when soil samples are analyzed for PFAS. Trip blanks will be collected at a rate of one (1) per day if soil samples are analyzed for VOCs during that day.

Duplicate soil samples will be collected and analyzed for quality assurance purposes. Duplicate samples will be collected at a frequency of 1 per 20 investigative soil samples and will be submitted to the laboratory as “blind” samples. If less than 20 samples are collected during a particular sampling event, one (1) duplicate sample will be collected.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) samples (MS/MSD for organics; MS and laboratory duplicate for inorganics) will be taken at a frequency of one (1) pair per 20 field samples. If less than 20 samples are collected during a particular sampling event, one (1) MS/MSD sample will be collected. These samples are used to assess the effect of the sample matrix on the recovery of target compounds or target analytes.

Section No. 6.3.2: Groundwater Samples

Groundwater samples will be collected into laboratory-supplied containers and will be sealed, labeled, and placed in a cooler containing ice (to maintain a temperature of approximately 4 degrees Celsius) for delivery to a NYSDOH ELAP-certified analytical laboratory. Analysis and/or extraction and digestion of collected groundwater samples will meet the holding times required for each analyte as specified in

Attachment B. In addition, analysis of collected groundwater samples will meet all quality assurance criteria set forth by this QAPP and DER-10. Groundwater samples analyzed for PFAS will be collected in two 250-mL HDPE containers provided by the laboratory and analyzed using USEPA Method 537.1. The reporting limit for PFAS in groundwater is 2 nanograms per liter (ng/L). The laboratory SOP for the analysis of PFAS is included in Attachment D. Groundwater samples also be analyzed for 1,4-dioxane will be collected in a one-liter amber glass jar and analyzed using USEPA Method 8270 SIM. The reporting limit for 1,4-dioxane in groundwater is 0.35 micrograms per liter (ug/L).

Section No. 6.3.2.1: Sample Field Blanks and Duplicates

Use of dedicated sampling equipment is planned; therefore, collection of field blanks is not anticipated. If the use of reusable sampling equipment is required, proper decontamination procedures will be employed (as further described in Section 5.0) and field blanks will be collected for quality assurance purposes at a rate of 1per 20 investigative groundwater samples. If required, field blanks will be obtained by pouring laboratory-demonstrated analyte-free water on or through a decontaminated sampling device following use and implementation of decontamination protocols. The water will be collected off of the sampling device into a laboratory provided sample container for analysis. Field blanks will be collected at a rate of 1 per 20 samples and will be analyzed for the complete list of analytes on the day of sampling. If less than 20 samples are collected during a particular sampling event, one (1) field blank sample will be collected. Equipment blanks will be collected at a rate of one (1) per day when groundwater samples are analyzed for PFAS. Trip blanks will be collected at a rate of one (1) per day if groundwater samples are analyzed for VOCs during that day.

Duplicate groundwater samples will be collected and analyzed for quality assurance purposes. Duplicate samples will be collected at a frequency of 1 per 20 investigative soil samples and will be submitted to the laboratory as “blind” samples. If less than 20 samples are collected during a particular sampling event, one (1) duplicate sample will be collected.

MS/MSD samples (MS/MSD for organics; MS and laboratory duplicate for inorganics) will be taken at a frequency of one (1) pair per 20 field samples. If less than 20 samples are collected during a particular sampling event, one (1) MS/MSD sample will be collected. These samples are used to assess the effect of the sample matrix on the recovery of target compounds or target analytes.

Section No. 6.3.3: Soil Vapor, Indoor and Outdoor Air Samples

Soil vapor, indoor and outdoor air samples will be collected in accordance with the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH October 2006).

Sub-slab soil vapor samples will be collected within the basement of the historic cleaners. For the collection of the sub-slab vapor samples, a probe will be fabricated from ½-inch diameter, threaded brass pipe with a barbed tubing connection. The basement concrete slab will be penetrated with a one (1) inch diameter hole utilizing a hammer drill and extending approximately six (6) inches below the top of the concrete slab. The probe will be lowered into the drilled hole and sealed with modeling clay containing no VOCs. A five (5) gallon plastic container will be placed on top of the concrete slab and above the vapor point. The container will also be sealed to the concrete slab utilizing modeling clay. A Teflon-lined, ¼-inch I.D. disposable polyethylene tubing will then be utilized to connect the barbed connection of the vapor point to a clean-certified, 6-liter SUMMA® canister, provided by the laboratory through a flow controller pre-set for an eight (8) hour long sample duration and the samples will be analyzed using USEPA Method TO-15. The tubing includes a tee connection and valve to a purging vacuum pump calibrated for a flow rate of less than 0.2 liters per minute. The tubing, probe and subsurface soil will be purged of at least one (1) liter of vapor prior to sample collection. completion of the sampling, the concrete slab will be repaired with hydrated bentonite and concrete patch.

Helium (He) will be introduced into the atmosphere under the pail, as a tracer gas, to assure the viability of the vapor point seals with the atmosphere. The tracer gas will be monitored in the purge air before sampling and outside of all seals before, during and after sampling, utilizing a Myron Helium Detector. In addition, Helium (He) will be analyzed for in the SUMMA® canister and if detected at more than ten (10) percent, the sample will be considered invalid and retaken.

A sample log sheet will be maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols.

One (1) indoor ambient sample will be collected from within the basement of the historical cleaners. Sample flow rates will conform to the specifications in the sample collection method (less than 0.2 liters per minute) and will be collected concurrently with the sub-slab vapor samples. The sample will be collected, utilizing conventional sampling methods, in laboratory clean-certified, 6-liter SUMMA® canisters, provided by the laboratory equipped with a flow controller pre-set for an eight (8) hour long sample duration and the sample will be analyzed using USEPA Method TO-15. As per the guidance requirements, the sample will be collected at a height approximately three (3) feet above the floor to represent a height at which occupants are normally seated. Field parameters will be recorded on vapor sampling data forms and will be included in the SCR.

One (1) outdoor ambient air sample will be collected simultaneously with sub-slab and indoor ambient samples to evaluate the potential influence, if any, of outdoor air on indoor air quality. To obtain a representative sample which meets the data quality objectives, the outdoor air sample will be collected in a manner consistent with that for indoor air samples. The sample will be collected, utilizing conventional sampling methods, in a laboratory clean-certified, 6-liter SUMMA® canister, provided by the laboratory equipped with a flow controller pre-set for an eight (8) hour long sample duration and the sample will be analyzed using USEPA Method TO-15. As per the guidance requirements, the sample will be collected at a height approximately three (3) feet above the ground. Field parameters will be recorded on vapor sampling data forms and will be included in the SCR.

Section No. 6.3.3.1: Soil Vapor Sample Duplicates

Duplicate soil vapor samples will be collected and analyzed for quality assurance purposes. Duplicate samples will be collected at a frequency of 1 per 20 investigative soil vapor samples and will be submitted to the laboratory as “blind” samples. If less than 20 samples are collected during a particular sampling event, one (1) duplicate sample will be collected.

Section No. 6.3.4: PFAS Sampling Procedures

Soil sampling for PFAS analysis will be completed during the site characterization. Eight (8) soil samples collected during the proposed sampling event will be analyzed for PFAS. Field personnel conducting PFAS sampling will wear clothing and use equipment which does not contain PFAS materials including powderless nitrile gloves, natural rubber overboots, and synthetic and natural fiber clothing. Clothing advertised as waterproof, water-repellant, and/or dirt and/or stain resistant will not be worn. Personal hygiene products with conditioning agents will be avoided prior to the sampling event. Insect repellent and sunscreen will be avoided. Consumption of food and/or beverages will be strictly prohibited during sampling activities, excluding bottled water for hydration. Ballpoint pens will be used as the sole writing instrument to complete labels and record field notes. Waterproof field books, including “Rite-in-Rain”™ will be avoided.

Only sampling equipment known to be devoid of PFAS containing materials will be used. Acceptable materials for sampling include stainless steel, HDPE, PVC, silicone, acetate, and polypropylene. In general, PFAS free pumps, tubing, interface probes, soil sampling equipment, and bottleware will be considered prior to the sampling event. It is not anticipated that groundwater samples will be collected for PFAS analysis; however, if required, peristaltic pumps will be utilized as the depth of groundwater is less than 20-feet. If groundwater is determined to be greater than 20 feet deep, bladder pumps (QED Sample Pro, or equivalent) with a fluoropolymer-free bladder will be used. HDPE will be used for tubing, soil sampling equipment, and bottleware. Field personnel will follow standard discrete soil sampling and low flow procedures when sampling for PFAS. When possible, disposable and dedicated equipment will be used for each sample location to avoid potential cross contamination and limit errors from inadequate decontamination between samples. Bladder pumps and/or peristaltic pump tubing will not be re-used and therefore decontamination of sampling equipment between samples will not be necessary. Nitrile gloves will be changed between each step during set up and sampling. When sampling for PFAS, no sampling equipment components or sample containers should come in to contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including plumbers tape and sample bottle cap liners with a PTFE layer. Whenever an action occurs outside of procedure, such as the writing of field notes, nitrile gloves will be changed. Sampling equipment will be staged 5-feet away from the boring or open wellhead. Equipment not directly related to sampling will be staged in a separate area away from the boring or open wellhead. When inserting the tubing into the well, the surrounding platform will be avoided as a source of transference. While stabilizing the well, the pump will not be allowed to stop as backflow from the water quality meter can pose a risk to cross contamination. Once stability has been achieved, sampling will occur. PFAS sample bottleware must be made of HDPE and bottleware must be filled to the container neck. Soil sample bottleware must only be filled half-way. The PFAS field and equipment blanks will be collected immediately following completion of PFAS sampling at the frequency discussed above (Sections 6.3.1.1 and 6.3.2.1).

The PFAS compounds to be analyzed includes: perfluorobutanesulfonic acid, perfluorohexanesulfonic acid, perfluoroheptanesulfonic acid, perfluorooctanessulfonic acid, perfluorodecanesulfonic acid, perfluorobutanoic acid, perfluoropentanoic acid, perfluorohexanoic acid, perfluoroheptanoic acid, perfluorooctanoic acid, perfluorononanoic acid, perfluorodecanoic acid, perfluoroundecanoic acid, perfluorododecanoic acid, perfluorotridecanoic acid, perfluorotetradecanoic acid, 6:2fluorotelomer sulfonate, 8:2 fluorotelomer sulfonate, perfluroroctanesulfonamide, n-methyl perfluorooctanesulfonamidoacetic acid, and n-ethyl perfluorooctanesulfonamidoacetic acid.

Section No. 6.4: Sample Containers and Handling

Certified, commercially clean sample containers will be obtained from the analytical laboratory. The laboratory will also prepare and supply the required field blank sample containers and reagent preservatives. Sample containers, including the field blank containers, will be placed in plastic coolers by the laboratory. These coolers will be received by the field sampling team within 24 hours of their preparation in the laboratory. Prior to the commencement of field work, JCB field personnel will fill the plastic coolers with regular ice only in Ziploc® bags (or equivalent) to maintain a temperature of 4°C ± 2° C.

Samples collected in the field for laboratory analysis will be placed directly into the laboratory-supplied sample containers. Samples will then be placed and stored on ice in laboratory provided coolers until shipment to the laboratory. The temperature in the coolers containing samples and associated field blanks will be maintained at a temperature of 4°C ± 2°C while on-site and during sample shipment to the analytical laboratory.

Possession of samples collected in the field will be traceable from the time of collection until they are analyzed by the analytical laboratory or are properly disposed. Chain-of-custody procedures, described in

Section No. 6.9, will be followed to maintain and document sample possession. Samples will be packaged and shipped as described in Section No. 6.6.

Section No. 6.5: Sample Preservation

Sample preservation measures will be used in an attempt to prevent sample decomposition by contamination, degradation, biological transformation, chemical interactions and other factors during the time between sample collection and analysis. Preservation will commence at the time of sample collection and will continue until analyses are performed. Should chemical preservation be required, the analytical laboratory will add the preservatives to the appropriate sample containers before shipment to the office or field. Samples will be preserved according to the requirements of the specific analytical method selected, as shown in Attachment B.

Section No. 6.6: Sample Shipment

Section No. 6.6.1: Packaging

Sample containers will be placed in plastic coolers. Regular ice only in Ziploc® bags (or equivalent) will be placed around sample containers. Cushioning material will be added around the sample containers if necessary. Chains-of-custody and other paperwork will be placed in a Ziploc® bag (or equivalent) and placed inside the cooler and custody seals will be affixed to one side of the cooler at a minimum. If the samples are being shipped by a third-party delivery company, then laboratory address labels will be placed on top of the cooler.

Section No. 6.6.2: Shipping

Standard procedures to be followed for shipping environmental samples to the analytical laboratory are outlined below.

- All environmental samples will be transported to the laboratory from the site by a laboratory provided courier under the chain-of-custody protocols described in Section No. 6.9. A third-party courier may be used if necessary.
- Prior notice will be provided to the laboratory regarding when to expect shipped samples. If the number, type or date of shipment changes due to site constraints or program changes, the laboratory will be informed.

Section No. 6.7: Decontamination Procedures

Though not anticipated, decontamination procedures will be used if non-dedicated sampling equipment is utilized. Field sampling equipment that is to be reused will be decontaminated in the field in accordance with the following procedures:

1. Laboratory-grade glassware detergent and tap water scrub to remove visual contamination
2. Generous tap water rinse
3. Distilled/de-ionized water rinse

Field sampling equipment that will be used for the collection of PFAS samples that is to be reused will be decontaminated in the field in accordance with the following procedures:

1. Laboratory-grade glassware detergent and clean, PFAS-free water scrub to remove visual contamination
2. Generous clean, PFAS-free water rinse

Section No. 6.8: Residuals Management

Debris (e.g., paper, plastic and disposable PPE) will be collected in plastic garbage bags and disposed of as non-hazardous industrial waste. Debris is expected to be transported to a local municipal landfill for disposal. If applicable, residual solids (e.g., leftover soil cuttings) will be placed back in the borehole from which it was sampled. If gross contamination is observed, soil will be collected and stored in Department of Transportation (DOT)-approved 55-gallon drums in a designated storage area at the site. The residual materials stored in a designated storage area at the site for further characterization, treatment or disposal.

Section No. 6.9: Chain of Custody Procedures

A chain-of-custody protocol has been established for collected samples and will be followed during sample handling activities in both field and laboratory operations. The primary purpose of the chain-of-custody procedures is to document the possession of the samples from collection through shipping, storage and analysis to data reporting and disposal. Chain-of-custody refers to actual possession of the samples. Samples are considered to be in custody if they are within sight of the individual responsible for their security or locked in a secure location. Each person who takes possession of the samples, except for third-party shipping couriers, is responsible for sample integrity and safe keeping. Chain-of custody procedures are provided below:

- Chain-of-custody will be initiated by the laboratory supplying the precleaned and prepared sample containers. Chain-of-custody forms will accompany the sample containers.
- Following sample collection, the chain-of-custody form will be completed for the samples collected. The sample identification number, date and time of sample collection, analysis requested and other pertinent information (e.g., preservatives) will be recorded on the form. Entries will be made in waterproof, permanent blue or black ink.
- JCB field personnel will be responsible for the care and custody of the samples collected until the samples are transferred to another party, dispatched to the laboratory, or disposed. The Site Supervisor will be responsible for enforcing chain-of-custody procedures during field work.
- When the form is full or when all samples have been collected that will fit in a single cooler, the Site Supervisor will check the form for possible errors and sign the chain-of-custody form. Any necessary corrections will be made to the record with a single strike mark, dated, and initialed.

Samples will be packaged for shipment or pickup via courier to the laboratory with the appropriate chain-of-custody form. A copy of the form will be retained by the sampling team for the project file, and the original will be sent to the laboratory with the samples. When transferring custody of the samples, the individuals relinquishing and receiving custody of the samples will verify sample numbers and condition and will document the sample acquisition and transfer by signing and dating the chain-of-custody form. This process documents sample custody transfer from the sampler to the analytical laboratory. Laboratory chain-of-custody will be maintained throughout the analytical processes as described in the laboratory's Quality Assurance Manual. The analytical laboratory will provide a copy of the chain-of-custody in the analytical data deliverable package. The chain-of-custody becomes the permanent record of sample handling and shipment.

Section No. 6.10: Laboratory Sample Storage Procedures

The subcontracted laboratory will use a laboratory information management system (LIMS) to track and schedule samples upon receipt by the analytical laboratories. Any sample anomalies identified during sample log-in must be evaluated on individual merit for the impact upon the results and the data quality objectives of the project. When irregularities do exist, JCB must be notified to discuss recommended courses of action and documentation of the issue must be included in the project file.

For samples requiring thermal preservation, the temperature of each cooler will be immediately recorded. Each sample and container will be assigned a unique laboratory identification number and secured within the custody room walk-in coolers designated for new samples. Samples will be, as soon as practical, disbursed in a manner that is functional for the operational team. The temperature of all coolers and freezers will be monitored and recorded using a certified temperature sensor. Any temperature excursions outside of acceptance criteria (i.e., below 2°C or above 6°C) will initiate an investigation to determine whether any samples may have been affected. Following analysis, the laboratory's specific procedures for retention and disposal will be followed as specified in the laboratory's SOPs and/or QA manual.

Section No. 7.0: Data Reduction, Validation and Reporting

Section No. 7.1: Introduction

Data collected during the field investigation will be reduced and reviewed by the laboratory QA personnel, and a report on the findings will be tabulated in a standard format. The criteria used to identify and quantify the analytes will be those specified for the applicable methods in the USEPA SW-846 and subsequent updates. The data package provided by the laboratory will contain all items specified in the USEPA SW-846 appropriate for the analyses to be performed and be reported in standard format.

The completed copies of the chain-of-custody records (both external and internal) accompanying each sample from time of initial bottle preparation to completion of analysis shall be attached to the analytical reports.

Section No. 7.2: Data Reduction

The Analytical Services Protocol (ASP) Category B data packages and an electronic data deliverable (EDD) will be provided by the laboratory after receipt of a complete sample delivery group. The Project Manager will immediately arrange for archiving the results and preparation of result tables. These tables will form the database for assessment of the site contamination condition.

Each EDD deliverable must be formatted using a Microsoft Windows operating system and the NYSDEC data deliverable format for EQuIS. To avoid transcription errors, data will be loaded directly into the American Standard Code for Information Interchange (ASCII) format from the LIMS. If this cannot be accomplished, the consultant should be notified via letter of transmittal indicating that manual entry of data is required for a particular method of analysis. All EDDs must also undergo a QC check by the laboratory before delivery. The original data, tabulations, and electronic media are stored in a secure and retrievable fashion. The Project Manager will maintain close contact with the QA reviewer to ensure all non-conformance issues are acted upon prior to data manipulation and assessment routines. Once the QA review has been completed, the Project Manager may direct the Team Leaders or others to initiate and finalize the analytical data assessment.

Section No. 7.3: Data Validation

Data validation will be performed in accordance with the USEPA Region 2 SOPs for data validation and USEPA's National Functional Guidelines for Organic and Inorganic Data Review. Tier 1 data validation (the equivalent of USEPA's Stage 2A validation) will be performed to evaluate data quality. Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including:

- Holding times;
- Sample preservation;
- Blank results (method, trip, and field blanks);
- Surrogate recovery compounds and extracted internal standards (as applicable);
- LCS and LCSD recoveries and RPDs;
- MS and MSD recoveries and RPDs;
- Laboratory duplicate RPDs; and
- Field duplicate RPDs

A data usability summary report (DUSR) will be prepared by the data validator and reviewed by the Quality Assurance Manager (QAM) before issuance. The DUSR will present the results of data validation, including a summary assessment of laboratory data packages, sample preservation and chain of custody procedures, and a summary assessment of precision, accuracy, representativeness, comparability, and completeness for each analytical method. Based on the results of data validation, the validated analytical results reported by the laboratory will be assigned one of the following usability flags:

- "U" - Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank;
- "UJ" - Not detected. Quantitation limit may be inaccurate or imprecise;
- "J" - Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method
- "R" – Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample; and
- No Flag - Result accepted without qualification.

Section No. 8.0: Quality Assurance Performance Audits and System Audits

Section No. 8.1: Introduction

Quality assurance audits may be performed by the project quality assurance group under the direction and approval of the QAO. These audits will be implemented to evaluate the capability and performance of project and subcontractor personnel, items, activities, and documentation of the measurement system(s). Functioning as an independent body and reporting directly to corporate quality assurance management, the QAO may plan, schedule, and approve system and performance audits based upon procedures customized to the project requirements. At times, the QAO may request additional personnel with specific expertise from company and/or project groups to assist in conducting performance audits. However, these personnel will not have responsibility for the project work associated with the performance audit.

Section No. 8.2: System Audits

System audits may be performed by the QAO or designated auditors and encompass a qualitative evaluation of measurement system components to ascertain their appropriate selection and application. In addition, field and laboratory quality control procedures and associated documentation may be system audited. These audits may be performed once during the performance of the project. However, if conditions adverse to quality are detected or if the Project Manager requests, additional audits may occur.

Section No. 8.3: Performance Audits

The laboratory may be required to conduct an analysis of Performance Evaluation samples or provide proof that Performance Evaluation samples submitted by USEPA or a state agency have been analyzed within the past twelve months.

Section No. 8.4: Formal Audits

Formal audits refer to any system or performance audit that is documented and implemented by the QA group. These audits encompass documented activities performed by qualified lead auditors to a written procedure or checklists to objectively verify that quality assurance requirements have been developed, documented, and instituted in accordance with contractual and project criteria. Formal audits may be performed on project and subcontractor work at various locations.

Audit reports will be written by auditors who have performed the site audit after gathering and evaluating all data. Items, activities, and documents determined by lead auditors to be in noncompliance shall be identified at exit interviews conducted with the involved management. Non-compliances will be logged, and documented through audit findings, which are attached to and are a part of the integral audit report. These audit-finding forms are directed to management to satisfactorily resolve the noncompliance in a specified and timely manner.

The Project Manager has overall responsibility to ensure that all corrective actions necessary to resolve audit findings are acted upon promptly and satisfactorily. Audit reports must be submitted to the Project Manager within 15 days of completion of the audit. Serious deficiencies will be reported to the Project Manager within 24 hours. All audit checklists, audit reports, audit findings, and acceptable resolutions are approved by the QAO prior to issue. Verification of acceptable resolutions may be determined by re-audit or documented surveillance of the item or activity. Upon verification acceptance, the QAO will close out the audit report and findings.

Section No. 9.0: Corrective Action

Section No. 9.1: Introduction

The following procedures have been established to ensure that conditions adverse to quality, such as malfunctions, deficiencies, deviations, and errors, are promptly investigated, documented, evaluated, and corrected.

Section No. 9.2: Procedure Description

When a significant condition adverse to quality is noted at site, laboratory, or subcontractor location, the cause of the condition will be determined and corrective action will be taken to preclude repetition. Condition identification, cause, reference documents, and corrective action planned to be taken will be documented and reported to the QAO, Project Manager, Field Team Leader and involved contractor management, at a minimum. Implementation of corrective action is verified by documented follow-up action.

All project personnel have the responsibility, as part of the normal work duties, to promptly identify, solicit approved correction, and report conditions adverse to quality. Corrective actions will be initiated as follows:

- When predetermined acceptance standards are not attained;
- When procedure or data compiled are determined to be deficient;
- When equipment or instrumentation is found to be faulty;
- When samples and analytical test results are not clearly traceable;
- When quality assurance requirements have been violated;
- When designated approvals have been circumvented;
- As a result of system and performance audits;
- As a result of a management assessment;
- As a result of laboratory/field comparison studies;
- As required by USEPA SW-846, and subsequent updates, or by the NYSDEC ASP.

Project management and staff, such as field investigation teams and laboratory groups, monitor on-going work performance in the normal course of daily responsibilities. Work may be audited at the sites, laboratories, or contractor locations. Activities, or documents ascertained to be noncompliant with quality assurance requirements will be documented. Corrective actions will be mandated through audit finding sheets attached to the audit report. Audit findings are logged, maintained, and controlled by the Task Manager.

Personnel assigned to quality assurance functions will have the responsibility to issue and control Corrective Action Request (CAR) Forms. The CAR identifies the out-of-compliance condition, reference document(s), and recommended corrective action(s) to be administered. The CAR is issued to the personnel responsible for the affected item or activity. A copy is also submitted
to the Project Manager. The individual to whom the CAR is addressed returns the requested response promptly to the QA personnel, affixing his/her signature and date to the corrective action block, after stating the cause of the conditions and corrective action to be taken. The QA personnel maintain the log for status of CARs, confirms the adequacy of the intended corrective action, and verifies its implementation. CARs will be retained in the project file for the records.

Any project personnel may identify noncompliance issues; however, the designated QA personnel are responsible for documenting, numbering, logging, and verifying the close out action. The Project Manager will be responsible for ensuring that all recommended corrective actions are implemented, documented, and approved.

CORRECTIVE ACTION REQUEST

Number: _____ Date: _____

TO: _____

You are hereby requested to take corrective actions indicated below and as otherwise determined by you to (a) resolve the noted condition and (b) to prevent it from recurring. Your written response is to be returned to the project quality assurance manager by _____

CONDITION:

REFERENCE DOCUMENTS:

RECOMMENDED CORRECTIVE ACTIONS:

_____	_____	_____	_____	_____	_____
Originator	Date	Approval	Date	Approval	Date

RESPONSE

CAUSE OF CONDITION

CORRECTIVE ACTION

(A) RESOLUTION

(B) PREVENTION

(C) AFFECTED DOCUMENTS

C.A. FOLLOWUP:

CORRECTIVE ACTION VERIFIED BY: _____ DATE:_____

Section 10.0: References

NYSDEC Division of Environmental Remediation. DER-10/Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006.

Taylor, J. K., 1987. Quality Assurance of Chemical Measurements. Lewis Publishers, Inc., Chelsea, Michigan

USEPA, 1986. SW-846 "Test Method for Evaluating Solid Waste," dated November 1986. U.S. Environmental Protection Agency, Washington, D.C.

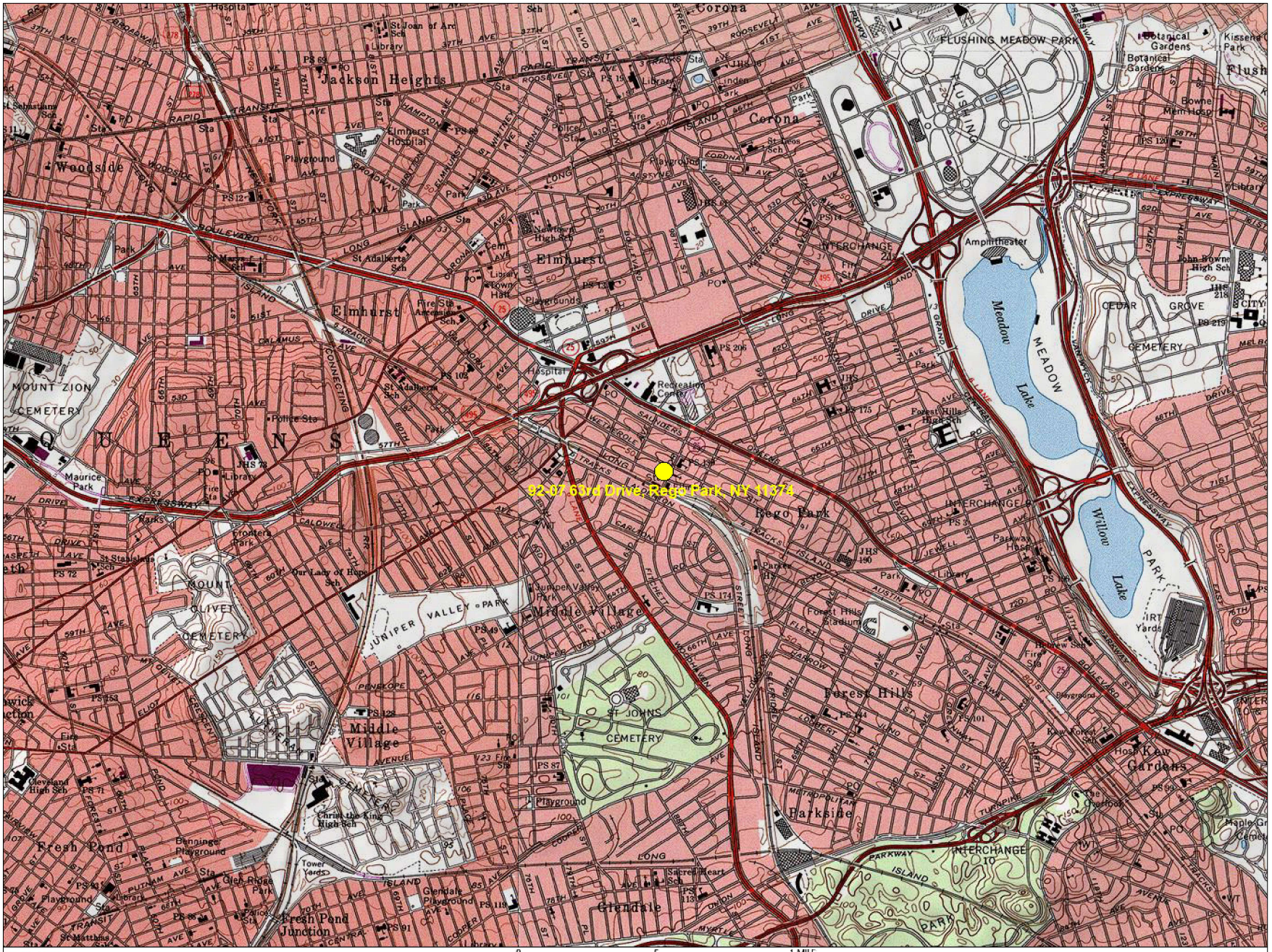
USEPA, 1987. Data Quality Objectives for Remedial Response Actions Activities: Development Process, EPA/540/G-87/003, OSWER Directive 9355.0-7 - U.S. Environmental Protection Agency, Washington, D.C.

USEPA, 1992a. CLP Organics Data Review and Preliminary Review. SOP No. HW-6, Revision #8, dated January 1992. USEPA Region II.

USEPA, 1992b. Evaluation of Metals Data for the Contract Laboratory Program (CLP) based on SOW 3/90. SOP No. HW-2, Revision XI, dated January 1992. USEPA Region II.

USEPA. Hazardous Waste Support Section. Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15. SOP No. HW-31, Revision #6, dated June 2014.

Figures



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Drawing Title

Figure No. 1

Site Location Map

Scale	Project No.	Date
As Noted	25-62259	09-11-25

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	1 of 5

Drawing No.

1



JCB LEGEND

- PROPOSED SUB-SLAB SOIL VAPOR SAMPLE LOCATION
- PROPOSED INDOOR AMBIENT VAPOR SAMPLE LOCATION
- PROPOSED OUTDOOR AMBIENT VAPOR SAMPLE LOCATION
- PROPOSED SOIL BORING LOCATION
- SLOTTED MANHOLE COVER
- LIGHT POLE
- UTILITY POLE
- STORM DRAIN LINE
- PROPERTY LINE

J.C. BRODERICK & Associates
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1775 Expressway Drive North
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Notes:

Commercial Building
92-07 63rd Drive
Queens, NY 11374

Drawing Title

Figure No. 5

Proposed Sampling Locations Map

Scale	Project No.	Date
N.T.S.	25-62259	03-06-26

Drawn By	Checked By	Page No.
J.V.N.	S.W.M.	5 of 5

Drawing No.

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Attachment A
Laboratory Reporting Limits and Method Detection Limits

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
VOC					
EPA 8260C	Water	1,1,1,2-Tetrachloroethane	0.2	0.5	ug/L
EPA 8260C	Water	1,1,1-Trichloroethane	0.2	0.5	ug/L
EPA 8260C	Water	1,1,2,2-Tetrachloroethane	0.2	0.5	ug/L
EPA 8260C	Water	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.2	0.5	ug/L
EPA 8260C	Water	1,1,2-Trichloroethane	0.2	0.5	ug/L
EPA 8260C	Water	1,1-Dichloroethane	0.2	0.5	ug/L
EPA 8260C	Water	1,1-Dichloroethylene	0.2	0.5	ug/L
EPA 8260C	Water	Bromochloromethane	0.2	0.5	ug/L
EPA 8260C	Water	1,2,3-Trichloropropane	0.2	0.5	ug/L
EPA 8260C	Water	1,2,4-Trichlorobenzene	0.2	0.5	ug/L
EPA 8260C	Water	1,2,4-Trimethylbenzene	0.2	0.5	ug/L
EPA 8260C	Water	1,2-Dibromo-3-chloropropane	0.2	0.5	ug/L
EPA 8260C	Water	1,2-Dibromoethane	0.2	0.5	ug/L
EPA 8260C	Water	1,2-Dichlorobenzene	0.2	0.5	ug/L
EPA 8260C	Water	1,2-Dichloroethane	0.2	0.5	ug/L
EPA 8260C	Water	1,2-Dichloropropane	0.2	0.5	ug/L
EPA 8260C	Water	1,3,5-Trimethylbenzene	0.2	0.5	ug/L
EPA 8260C	Water	1,3-Dichlorobenzene	0.2	0.5	ug/L
EPA 8260C	Water	1,4-Dichlorobenzene	0.2	0.5	ug/L
EPA 8260C	Water	Cyclohexane	0.2	0.5	ug/L
EPA 8260C	Water	2-Butanone	0.2	0.5	ug/L
EPA 8260C	Water	2-Hexanone	0.2	0.5	ug/L
EPA 8260C	Water	4-Methyl-2-pentanone	0.2	0.5	ug/L
EPA 8260C	Water	Acetone	1	2	ug/L
EPA 8260C	Water	Acrolein	0.2	0.5	ug/L
EPA 8260C	Water	Acrylonitrile	0.2	0.5	ug/L
EPA 8260C	Water	Benzene	0.2	0.5	ug/L
EPA 8260C	Water	Bromodichloromethane	0.2	0.5	ug/L
EPA 8260C	Water	Bromoform	0.2	0.5	ug/L

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
VOC					
EPA 8260C	Water	Bromomethane	0.2	0.5	ug/L
EPA 8260C	Water	Carbon disulfide	0.2	0.5	ug/L
EPA 8260C	Water	Carbon tetrachloride	0.2	0.5	ug/L
EPA 8260C	Water	Chlorobenzene	0.2	0.5	ug/L
EPA 8260C	Water	Chloroethane	0.2	0.5	ug/L
EPA 8260C	Water	Chloroform	0.2	0.5	ug/L
EPA 8260C	Water	Chloromethane	0.2	0.5	ug/L
EPA 8260C	Water	cis-1,2-Dichloroethylene	0.2	0.5	ug/L
EPA 8260C	Water	cis-1,3-Dichloropropylene	0.2	0.5	ug/L
EPA 8260C	Water	Dibromochloromethane	0.2	0.5	ug/L
EPA 8260C	Water	Dibromomethane	0.2	0.5	ug/L
EPA 8260C	Water	Dichlorodifluoromethane	0.2	0.5	ug/L
EPA 8260C	Water	Naphthalene	1	2	ug/L
EPA 8260C	Water	Ethyl Benzene	0.2	0.5	ug/L
EPA 8260C	Water	Methylcyclohexane	0.2	0.5	ug/L
EPA 8260C	Water	Hexachlorobutadiene	0.2	0.5	ug/L
EPA 8260C	Water	Isopropylbenzene	0.2	0.5	ug/L
EPA 8260C	Water	Methyl acetate	0.2	0.5	ug/L
EPA 8260C	Water	Methyl tert-butyl ether (MTBE)	0.2	0.5	ug/L
EPA 8260C	Water	Methylene chloride	1	2	ug/L
EPA 8260C	Water	n-Butylbenzene	0.2	0.5	ug/L
EPA 8260C	Water	n-Propylbenzene	0.2	0.5	ug/L
EPA 8260C	Water	o-Xylene	0.2	0.5	ug/L
EPA 8260C	Water	p- & m- Xylenes	0.5	1	ug/L
EPA 8260C	Water	1,2,3-Trichlorobenzene	0.2	0.5	ug/L
EPA 8260C	Water	p-Isopropyltoluene	0.2	0.5	ug/L
EPA 8260C	Water	sec-Butylbenzene	0.2	0.5	ug/L
EPA 8260C	Water	Styrene	0.2	0.5	ug/L
EPA 8260C	Water	tert-Butyl alcohol (TBA)	0.5	1	ug/L

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
VOC					
EPA 8260C	Water	tert-Butylbenzene	0.2	0.5	ug/L
EPA 8260C	Water	Tetrachloroethylene	0.2	0.5	ug/L
EPA 8260C	Water	Toluene	0.2	0.5	ug/L
EPA 8260C	Water	trans-1,2-Dichloroethylene	0.2	0.5	ug/L
EPA 8260C	Water	trans-1,3-Dichloropropylene	0.2	0.5	ug/L
EPA 8260C	Water	Trichloroethylene	0.2	0.5	ug/L
EPA 8260C	Water	Trichlorofluoromethane	0.2	0.5	ug/L
EPA 8260C	Water	Vinyl Chloride	0.2	0.5	ug/L
EPA 8260C	Water	Xylenes, Total	0.6	1.5	ug/L

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
SVOC					
EPA 8270D	Water	Acenaphthene	0.05	0.05	ug/L
EPA 8270D	Water	Acenaphthylene	0.05	0.05	ug/L
EPA 8270D	Water	Acetophenone	2.5	5	ug/L
EPA 8270D	Water	Aniline	2.5	5	ug/L
EPA 8270D	Water	Anthracene	0.05	0.05	ug/L
EPA 8270D	Water	Atrazine	0.5	0.5	ug/L
EPA 8270D	Water	Benzaldehyde	2.5	5	ug/L
EPA 8270D	Water	Benzidine	10	20	ug/L
EPA 8270D	Water	Benzo(a)anthracene	0.05	0.05	ug/L
EPA 8270D	Water	Benzo(a)pyrene	0.05	0.05	ug/L
EPA 8270D	Water	Benzo(b)fluoranthene	0.05	0.05	ug/L
EPA 8270D	Water	Benzo(g,h,i)perylene	0.05	0.05	ug/L
EPA 8270D	Water	Benzoic acid	25	50	ug/L
EPA 8270D	Water	Benzo(k)fluoranthene	0.05	0.05	ug/L
EPA 8270D	Water	Benzyl alcohol	2.5	5	ug/L
EPA 8270D	Water	Benzyl butyl phthalate	2.5	5	ug/L
EPA 8270D	Water	1,1'-Biphenyl	2.5	5	ug/L
EPA 8270D	Water	4-Bromophenyl phenyl ether	2.5	5	ug/L
EPA 8270D	Water	Caprolactam	2.5	5	ug/L
EPA 8270D	Water	Carbazole	2.5	5	ug/L
EPA 8270D	Water	4-Chloro-3-methylphenol	2.5	5	ug/L
EPA 8270D	Water	4-Chloroaniline	2.5	5	ug/L
EPA 8270D	Water	Bis(2-chloroethoxy)methane	2.5	5	ug/L
EPA 8270D	Water	Bis(2-chloroethyl)ether	2.5	5	ug/L
EPA 8270D	Water	Bis(2-chloroisopropyl)ether	2.5	5	ug/L
EPA 8270D	Water	2-Chloronaphthalene	2.5	5	ug/L
EPA 8270D	Water	2-Chlorophenol	2.5	5	ug/L
EPA 8270D	Water	4-Chlorophenyl phenyl ether	2.5	5	ug/L
EPA 8270D	Water	Chrysene	0.05	0.05	ug/L

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
SVOC					
EPA 8270D	Water	Dibenzo(a,h)anthracene	0.05	0.05	ug/L
EPA 8270D	Water	Dibenzofuran	2.5	5	ug/L
EPA 8270D	Water	Di-n-butyl phthalate	2.5	5	ug/L
EPA 8270D	Water	1,4-Dichlorobenzene	2.5	5	ug/L
EPA 8270D	Water	1,2-Dichlorobenzene	2.5	5	ug/L
EPA 8270D	Water	1,3-Dichlorobenzene	2.5	5	ug/L
EPA 8270D	Water	3,3'-Dichlorobenzidine	2.5	5	ug/L
EPA 8270D	Water	2,4-Dichlorophenol	2.5	5	ug/L
EPA 8270D	Water	Diethyl phthalate	2.5	5	ug/L
EPA 8270D	Water	2,4-Dimethylphenol	2.5	5	ug/L
EPA 8270D	Water	Dimethyl phthalate	2.5	5	ug/L
EPA 8270D	Water	4,6-Dinitro-2-methylphenol	2.5	5	ug/L
EPA 8270D	Water	2,4-Dinitrophenol	2.5	5	ug/L
EPA 8270D	Water	2,4-Dinitrotoluene	2.5	5	ug/L
EPA 8270D	Water	2,6-Dinitrotoluene	2.5	5	ug/L
EPA 8270D	Water	Di-n-octyl phthalate	2.5	5	ug/L
EPA 8270 SIM	Water	1,4-Dioxane	0.2	0.3	ug/L
EPA 8270D	Water	1,2-Diphenylhydrazine (as Azobenzene)	2.5	5	ug/L
EPA 8270D	Water	Bis(2-ethylhexyl)phthalate	0.5	0.5	ug/L
EPA 8270D	Water	Fluoranthene	0.05	0.05	ug/L
EPA 8270D	Water	Fluorene	0.05	0.05	ug/L
EPA 8270D	Water	Hexachlorobenzene	0.02	0.02	ug/L
EPA 8270D	Water	Hexachlorobutadiene	0.5	0.5	ug/L
EPA 8270D	Water	Hexachlorocyclopentadiene	2.5	5	ug/L
EPA 8270D	Water	Hexachloroethane	0.5	0.5	ug/L
EPA 8270D	Water	Indeno(1,2,3-cd)pyrene	0.05	0.05	ug/L
EPA 8270D	Water	Isophorone	2.5	5	ug/L
EPA 8270D	Water	2-Methylnaphthalene	2.5	5	ug/L
EPA 8270D	Water	2-Methylphenol	2.5	5	ug/L

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
SVOC					
EPA 8270D	Water	3- & 4-Methylphenols	2.5	5	ug/L
EPA 8270D	Water	Naphthalene	0.05	0.05	ug/L
EPA 8270D	Water	3-Nitroaniline	2.5	5	ug/L
EPA 8270D	Water	4-Nitroaniline	2.5	5	ug/L
EPA 8270D	Water	2-Nitroaniline	2.5	5	ug/L
EPA 8270D	Water	Nitrobenzene	0.25	0.25	ug/L
EPA 8270D	Water	4-Nitrophenol	2.5	5	ug/L
EPA 8270D	Water	2-Nitrophenol	2.5	5	ug/L
EPA 8270D	Water	N-nitroso-di-n-propylamine	2.5	5	ug/L
EPA 8270D	Water	N-Nitrosodimethylamine	0.5	0.5	ug/L
EPA 8270D	Water	N-Nitrosodiphenylamine	2.5	5	ug/L
EPA 8270D	Water	Pentachlorophenol	0.25	0.25	ug/L
EPA 8270D	Water	Phenanthrene	0.05	0.05	ug/L
EPA 8270D	Water	Phenol	2.5	5	ug/L
EPA 8270D	Water	Pyrene	0.05	0.05	ug/L
EPA 8270D	Water	Pyridine	2.5	5	ug/L
EPA 8270D	Water	1,2,4,5-Tetrachlorobenzene	2.5	5	ug/L
EPA 8270D	Water	2,3,4,6-Tetrachlorophenol	2.5	5	ug/L
EPA 8270D	Water	1,2,4-Trichlorobenzene	2.5	5	ug/L
EPA 8270D	Water	2,4,6-Trichlorophenol	2.5	5	ug/L
EPA 8270D	Water	2,4,5-Trichlorophenol	2.5	5	ug/L

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
Pesticides					
EPA 8081B	Water	Aldrin	0.004	0.004	ug/L
EPA 8081B	Water	alpha-BHC	0.004	0.004	ug/L
EPA 8081B	Water	beta-BHC	0.004	0.004	ug/L
EPA 8081B	Water	delta-BHC	0.004	0.004	ug/L
EPA 8081B	Water	gamma-BHC (Lindane)	0.004	0.004	ug/L
EPA 8081B	Water	gamma-Chlordane	0.01	0.01	ug/L
EPA 8081B	Water	alpha-Chlordane	0.004	0.004	ug/L
EPA 8081B	Water	Chlordane, total	0.04	0.04	ug/L
EPA 8081B	Water	4,4'-DDD	0.004	0.004	ug/L
EPA 8081B	Water	4,4'-DDE	0.004	0.004	ug/L
EPA 8081B	Water	4,4'-DDT	0.004	0.004	ug/L
EPA 8081B	Water	Dieldrin	0.002	0.002	ug/L
EPA 8081B	Water	Endosulfan I	0.004	0.004	ug/L
EPA 8081B	Water	Endosulfan II	0.004	0.004	ug/L
EPA 8081B	Water	Endosulfan sulfate	0.004	0.004	ug/L
EPA 8081B	Water	Endrin	0.004	0.004	ug/L
EPA 8081B	Water	Endrin aldehyde	0.01	0.01	ug/L
EPA 8081B	Water	Endrin ketone	0.01	0.01	ug/L
EPA 8081B	Water	Heptachlor	0.004	0.004	ug/L
EPA 8081B	Water	Heptachlor epoxide	0.004	0.004	ug/L
EPA 8081B	Water	Methoxychlor	0.004	0.004	ug/L
EPA 8081B	Water	Toxaphene	0.1	0.1	ug/L

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
PCBs					
EPA 8082A	Water	Aroclor 1016	0.05	0.05	ug/L
EPA 8082A	Water	Aroclor 1221	0.05	0.05	ug/L
EPA 8082A	Water	Aroclor 1232	0.05	0.05	ug/L
EPA 8082A	Water	Aroclor 1242	0.05	0.05	ug/L
EPA 8082A	Water	Aroclor 1248	0.05	0.05	ug/L
EPA 8082A	Water	Aroclor 1254	0.05	0.05	ug/L
EPA 8082A	Water	Aroclor 1260	0.05	0.05	ug/L
EPA 8082A	Water	Aroclor 1262	0.05	0.05	ug/L
EPA 8082A	Water	Aroclor 1268	0.05	0.05	ug/L
EPA 8082A	Water	Total PCBs	0.05	0.05	ug/L

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
Metals					
EPA 6010C	Water	Aluminum	0.01	0.01	mg/L
EPA 6010C	Water	Antimony	0.005	0.005	mg/L
EPA 6010C	Water	Arsenic	0.004	0.004	mg/L
EPA 6010C	Water	Barium	0.01	0.01	mg/L
EPA 6010C	Water	Beryllium	0.001	0.001	mg/L
EPA 6010C	Water	Cadmium	0.003	0.003	mg/L
EPA 6010C	Water	Calcium	0.05	0.05	mg/L
EPA 6010C	Water	Chromium	0.005	0.005	mg/L
EPA 6010C	Water	Cobalt	0.005	0.005	mg/L
EPA 6010C	Water	Copper	0.003	0.003	mg/L
EPA 6010C	Water	Iron	0.02	0.02	mg/L
EPA 6010C	Water	Lead	0.003	0.003	mg/L
EPA 6010C	Water	Magnesium	0.05	0.05	mg/L
EPA 6010C	Water	Manganese	0.005	0.005	mg/L
EPA 7473	Water	Mercury	0.002	0.002	mg/L
EPA 6010C	Water	Nickel	0.005	0.005	mg/L
EPA 6010C	Water	Potassium	0.05	0.05	mg/L
EPA 6010C	Water	Selenium	0.01	0.01	mg/L
EPA 6010C	Water	Silver	0.005	0.005	mg/L
EPA 6010C	Water	Sodium	0.1	0.1	mg/L
EPA 6010C	Water	Thallium	0.005	0.005	mg/L
EPA 6010C	Water	Vanadium	0.01	0.01	mg/L
EPA 6010C	Water	Zinc	0.01	0.01	mg/L

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
PFAS					
Modified EPA 537	Water	Perfluorobutanesulfonic acid (PFBS)	0.294	2	ng/L
Modified EPA 537	Water	Perfluorohexanoic acid (PFHxA)	0.471	2	ng/L
Modified EPA 537	Water	Perfluoroheptanoic acid (PFHpA)	0.635	2	ng/L
Modified EPA 537	Water	Perfluorohexanesulfonic acid (PFHxS)	0.281	2	ng/L
Modified EPA 537	Water	Perfluorooctanoic acid (PFOA)	0.531	2	ng/L
Modified EPA 537	Water	Perfluorooctanesulfonic acid (PFOS)	0.292	2	ng/L
Modified EPA 537	Water	Perfluorononanoic acid (PFNA)	0.574	2	ng/L
Modified EPA 537	Water	Perfluorodecanoic acid (PFDA)	0.524	2	ng/L
Modified EPA 537	Water	Perfluoroundecanoic acid (PFUnA)	0.657	2	ng/L
Modified EPA 537	Water	Perfluorododecanoic acid (PFDoA)	0.777	2	ng/L
Modified EPA 537	Water	Perfluorotridecanoic acid (PFTrDA)	1.37	2	ng/L
Modified EPA 537	Water	Perfluorotetradecanoic acid (PFTA)	0.531	2	ng/L
Modified EPA 537	Water	N-MeFOSAA	0.529	2	ng/L
Modified EPA 537	Water	N-EtFOSAA	0.557	2	ng/L
Modified EPA 537	Water	Perfluoropentanoic acid (PFPeA)	0.452	2	ng/L
Modified EPA 537	Water	Perfluoro-1-octanesulfonamide (FOSA)	0.296	2	ng/L
Modified EPA 537	Water	Perfluoro-1-heptanesulfonic acid (PFHpS)	0.415	2	ng/L
Modified EPA 537	Water	Perfluoro-1-decanesulfonic acid (PFDS)	0.574	2	ng/L
Modified EPA 537	Water	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.492	5	ng/L
Modified EPA 537	Water	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.399	2	ng/L
Modified EPA 537	Water	Perfluoro-n-butanoic acid (PFBA)	1.63	2	ng/L

Notes

* = The contract labs has indicated that they are not able to achieve the reporting limits of 2 ng/L for 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS). Site specific decisions will need to be made by the DEC project manager in consultation with the DEC remedial program chemist

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
VOC					
EPA 8260C	Soil	1,1,1,2-Tetrachloroethane	2.5	5	ug/kg
EPA 8260C	Soil	1,1,1-Trichloroethane	2.5	5	ug/kg
EPA 8260C	Soil	1,1,2,2-Tetrachloroethane	2.5	5	ug/kg
EPA 8260C	Soil	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.5	5	ug/kg
EPA 8260C	Soil	1,1,2-Trichloroethane	2.5	5	ug/kg
EPA 8260C	Soil	1,1-Dichloroethane	2.5	5	ug/kg
EPA 8260C	Soil	1,1-Dichloroethylene	2.5	5	ug/kg
EPA 8260C	Soil	Bromochloromethane	2.5	5	ug/kg
EPA 8260C	Soil	1,2,3-Trichloropropane	2.5	5	ug/kg
EPA 8260C	Soil	1,2,4-Trichlorobenzene	2.5	5	ug/kg
EPA 8260C	Soil	1,2,4-Trimethylbenzene	2.5	5	ug/kg
EPA 8260C	Soil	1,2-Dibromo-3-chloropropane	2.5	5	ug/kg
EPA 8260C	Soil	1,2-Dibromoethane	2.5	5	ug/kg
EPA 8260C	Soil	1,2-Dichlorobenzene	2.5	5	ug/kg
EPA 8260C	Soil	1,2-Dichloroethane	2.5	5	ug/kg
EPA 8260C	Soil	1,2-Dichloropropane	2.5	5	ug/kg
EPA 8260C	Soil	1,3,5-Trimethylbenzene	2.5	5	ug/kg
EPA 8260C	Soil	1,3-Dichlorobenzene	2.5	5	ug/kg
EPA 8260C	Soil	1,4-Dichlorobenzene	2.5	5	ug/kg
EPA 8260C	Soil	1,4-Dioxane	10	10	ug/kg
EPA 8260C	Soil	Cyclohexane	2.5	5	ug/kg
EPA 8260C	Soil	2-Butanone	2.5	5	ug/kg
EPA 8260C	Soil	2-Hexanone	2.5	5	ug/kg
EPA 8260C	Soil	4-Methyl-2-pentanone	2.5	5	ug/kg
EPA 8260C	Soil	Acetone	5	10	ug/kg
EPA 8260C	Soil	Acrolein	5	10	ug/kg
EPA 8260C	Soil	Acrylonitrile	2.5	5	ug/kg
EPA 8260C	Soil	Benzene	2.5	5	ug/kg
EPA 8260C	Soil	Bromodichloromethane	2.5	5	ug/kg

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
VOC					
EPA 8260C	Soil	Bromoform	2.5	5	ug/kg
EPA 8260C	Soil	Bromomethane	2.5	5	ug/kg
EPA 8260C	Soil	Carbon disulfide	2.5	5	ug/kg
EPA 8260C	Soil	Carbon tetrachloride	2.5	5	ug/kg
EPA 8260C	Soil	Chlorobenzene	2.5	5	ug/kg
EPA 8260C	Soil	Chloroethane	2.5	5	ug/kg
EPA 8260C	Soil	Chloroform	2.5	5	ug/kg
EPA 8260C	Soil	Chloromethane	2.5	5	ug/kg
EPA 8260C	Soil	cis-1,2-Dichloroethylene	2.5	5	ug/kg
EPA 8260C	Soil	cis-1,3-Dichloropropylene	2.5	5	ug/kg
EPA 8260C	Soil	Dibromochloromethane	2.5	5	ug/kg
EPA 8260C	Soil	Dibromomethane	2.5	5	ug/kg
EPA 8260C	Soil	Dichlorodifluoromethane	2.5	5	ug/kg
EPA 8260C	Soil	Naphthalene	2.5	10	ug/kg
EPA 8260C	Soil	Ethyl Benzene	2.5	5	ug/kg
EPA 8260C	Soil	Methylcyclohexane	2.5	5	ug/kg
EPA 8260C	Soil	Hexachlorobutadiene	2.5	5	ug/kg
EPA 8260C	Soil	Isopropylbenzene	2.5	5	ug/kg
EPA 8260C	Soil	Methyl acetate	2.5	5	ug/kg
EPA 8260C	Soil	Methyl tert-butyl ether (MTBE)	2.5	5	ug/kg
EPA 8260C	Soil	Methylene chloride	5	10	ug/kg
EPA 8260C	Soil	n-Butylbenzene	2.5	5	ug/kg
EPA 8260C	Soil	n-Propylbenzene	2.5	5	ug/kg
EPA 8260C	Soil	1,2,3-Trichlorobenzene	2.5	5	ug/kg
EPA 8260C	Soil	o-Xylene	2.5	5	ug/kg
EPA 8260C	Soil	p- & m- Xylenes	5	10	ug/kg
EPA 8260C	Soil	p-Isopropyltoluene	2.5	5	ug/kg
EPA 8260C	Soil	sec-Butylbenzene	2.5	5	ug/kg
EPA 8260C	Soil	Styrene	2.5	5	ug/kg

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
VOC					
EPA 8260C	Soil	tert-Butyl alcohol (TBA)	2.5	5	ug/kg
EPA 8260C	Soil	tert-Butylbenzene	2.5	5	ug/kg
EPA 8260C	Soil	Tetrachloroethylene	2.5	5	ug/kg
EPA 8260C	Soil	Toluene	2.5	5	ug/kg
EPA 8260C	Soil	trans-1,2-Dichloroethylene	2.5	5	ug/kg
EPA 8260C	Soil	trans-1,3-Dichloropropylene	2.5	5	ug/kg
EPA 8260C	Soil	Trichloroethylene	2.5	5	ug/kg
EPA 8260C	Soil	Trichlorofluoromethane	2.5	5	ug/kg
EPA 8260C	Soil	Vinyl Chloride	2.5	5	ug/kg
EPA 8260C	Soil	Xylenes, Total	7.5	15	ug/kg

ATTACHMENT B

Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
SVOC					
EPA 8270D	Soil	Acenaphthene	20.9	41.7	ug/kg
EPA 8270D	Soil	Acenaphthylene	20.9	41.7	ug/kg
EPA 8270D	Soil	Acetophenone	20.9	41.7	ug/kg
EPA 8270D	Soil	Aniline	83.5	167	ug/kg
EPA 8270D	Soil	Anthracene	20.9	41.7	ug/kg
EPA 8270D	Soil	Atrazine	20.9	41.7	ug/kg
EPA 8270D	Soil	Benzaldehyde	20.9	41.7	ug/kg
EPA 8270D	Soil	Benzidine	83.5	167	ug/kg
EPA 8270D	Soil	Benzo(a)anthracene	20.9	41.7	ug/kg
EPA 8270D	Soil	Benzo(a)pyrene	20.9	41.7	ug/kg
EPA 8270D	Soil	Benzo(b)fluoranthene	20.9	41.7	ug/kg
EPA 8270D	Soil	Benzo(g,h,i)perylene	20.9	41.7	ug/kg
EPA 8270D	Soil	Benzoic acid	20.9	41.7	ug/kg
EPA 8270D	Soil	Benzo(k)fluoranthene	20.9	41.7	ug/kg
EPA 8270D	Soil	Benzyl alcohol	20.9	41.7	ug/kg
EPA 8270D	Soil	Benzyl butyl phthalate	20.9	41.7	ug/kg
EPA 8270D	Soil	1,1'-Biphenyl	20.9	41.7	ug/kg
EPA 8270D	Soil	4-Bromophenyl phenyl ether	20.9	41.7	ug/kg
EPA 8270D	Soil	Caprolactam	41.7	83.3	ug/kg
EPA 8270D	Soil	Carbazole	20.9	41.7	ug/kg
EPA 8270D	Soil	4-Chloro-3-methylphenol	20.9	41.7	ug/kg
EPA 8270D	Soil	4-Chloroaniline	20.9	41.7	ug/kg
EPA 8270D	Soil	Bis(2-chloroethoxy)methane	20.9	41.7	ug/kg
EPA 8270D	Soil	Bis(2-chloroethyl)ether	20.9	41.7	ug/kg
EPA 8270D	Soil	Bis(2-chloroisopropyl)ether	20.9	41.7	ug/kg
EPA 8270D	Soil	2-Chloronaphthalene	20.9	41.7	ug/kg
EPA 8270D	Soil	2-Chlorophenol	20.9	41.7	ug/kg
EPA 8270D	Soil	4-Chlorophenyl phenyl ether	20.9	41.7	ug/kg
EPA 8270D	Soil	Chrysene	20.9	41.7	ug/kg

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Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
SVOC					
EPA 8270D	Soil	Dibenzo(a,h)anthracene	20.9	41.7	ug/kg
EPA 8270D	Soil	Dibenzofuran	20.9	41.7	ug/kg
EPA 8270D	Soil	Di-n-butyl phthalate	20.9	41.7	ug/kg
EPA 8270D	Soil	1,2-Dichlorobenzene	20.9	41.7	ug/kg
EPA 8270D	Soil	1,3-Dichlorobenzene	20.9	41.7	ug/kg
EPA 8270D	Soil	1,4-Dichlorobenzene	20.9	41.7	ug/kg
EPA 8270D	Soil	3,3'-Dichlorobenzidine	20.9	41.7	ug/kg
EPA 8270D	Soil	2,4-Dichlorophenol	20.9	41.7	ug/kg
EPA 8270D	Soil	Diethyl phthalate	20.9	41.7	ug/kg
EPA 8270D	Soil	2,4-Dimethylphenol	20.9	41.7	ug/kg
EPA 8270D	Soil	Dimethyl phthalate	20.9	41.7	ug/kg
EPA 8270D	Soil	4,6-Dinitro-2-methylphenol	41.7	83.3	ug/kg
EPA 8270D	Soil	2,4-Dinitrophenol	41.7	83.3	ug/kg
EPA 8270D	Soil	2,4-Dinitrotoluene	20.9	41.7	ug/kg
EPA 8270D	Soil	2,6-Dinitrotoluene	20.9	41.7	ug/kg
EPA 8270D	Soil	Di-n-octyl phthalate	20.9	41.7	ug/kg
EPA 8270D	Soil	1,2-Diphenylhydrazine (as Azobenzene)	20.9	41.7	ug/kg
EPA 8270D	Soil	Bis(2-ethylhexyl)phthalate	20.9	41.7	ug/kg
EPA 8270D	Soil	Fluoranthene	20.9	41.7	ug/kg
EPA 8270D	Soil	Fluorene	20.9	41.7	ug/kg
EPA 8270D	Soil	Hexachlorobenzene	20.9	41.7	ug/kg
EPA 8270D	Soil	Hexachlorobutadiene	20.9	41.7	ug/kg
EPA 8270D	Soil	Hexachlorocyclopentadiene	20.9	41.7	ug/kg
EPA 8270D	Soil	Hexachloroethane	20.9	41.7	ug/kg
EPA 8270D	Soil	Indeno(1,2,3-cd)pyrene	20.9	41.7	ug/kg
EPA 8270D	Soil	Isophorone	20.9	41.7	ug/kg
EPA 8270D	Soil	2-Methylnaphthalene	20.9	41.7	ug/kg
EPA 8270D	Soil	2-Methylphenol	20.9	41.7	ug/kg
EPA 8270D	Soil	3- & 4-Methylphenols	20.9	41.7	ug/kg

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Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
SVOC					
EPA 8270D	Soil	Naphthalene	20.9	41.7	ug/kg
EPA 8270D	Soil	4-Nitroaniline	41.7	83.3	ug/kg
EPA 8270D	Soil	2-Nitroaniline	41.7	83.3	ug/kg
EPA 8270D	Soil	3-Nitroaniline	41.7	83.3	ug/kg
EPA 8270D	Soil	Nitrobenzene	20.9	41.7	ug/kg
EPA 8270D	Soil	2-Nitrophenol	20.9	41.7	ug/kg
EPA 8270D	Soil	4-Nitrophenol	41.7	83.3	ug/kg
EPA 8270D	Soil	N-nitroso-di-n-propylamine	20.9	41.7	ug/kg
EPA 8270D	Soil	N-Nitrosodimethylamine	20.9	41.7	ug/kg
EPA 8270D	Soil	N-Nitrosodiphenylamine	20.9	41.7	ug/kg
EPA 8270D	Soil	Pentachlorophenol	20.9	41.7	ug/kg
EPA 8270D	Soil	Phenanthrene	20.9	41.7	ug/kg
EPA 8270D	Soil	Phenol	20.9	41.7	ug/kg
EPA 8270D	Soil	Pyrene	20.9	41.7	ug/kg
EPA 8270D	Soil	Pyridine	83.5	167	ug/kg
EPA 8270D	Soil	1,2,4,5-Tetrachlorobenzene	41.7	83.3	ug/kg
EPA 8270D	Soil	2,3,4,6-Tetrachlorophenol	41.7	83.3	ug/kg
EPA 8270D	Soil	1,2,4-Trichlorobenzene	20.9	41.7	ug/kg
EPA 8270D	Soil	2,4,6-Trichlorophenol	20.9	41.7	ug/kg
EPA 8270D	Soil	2,4,5-Trichlorophenol	20.9	41.7	ug/kg

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Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
Pesticides					
EPA 8081B	Soil	Aldrin	0.33	0.33	ug/kg
EPA 8081B	Soil	alpha-BHC	0.33	0.33	ug/kg
EPA 8081B	Soil	beta-BHC	0.33	0.33	ug/kg
EPA 8081B	Soil	delta-BHC	0.33	0.33	ug/kg
EPA 8081B	Soil	gamma-BHC (Lindane)	0.33	0.33	ug/kg
EPA 8081B	Soil	gamma-Chlordane	0.33	0.33	ug/kg
EPA 8081B	Soil	alpha-Chlordane	0.33	0.33	ug/kg
EPA 8081B	Soil	Chlordane, total	1.32	1.32	ug/kg
EPA 8081B	Soil	4,4'-DDD	0.33	0.33	ug/kg
EPA 8081B	Soil	4,4'-DDE	0.33	0.33	ug/kg
EPA 8081B	Soil	4,4'-DDT	0.33	0.33	ug/kg
EPA 8081B	Soil	Dieldrin	0.33	0.33	ug/kg
EPA 8081B	Soil	Endosulfan I	0.33	0.33	ug/kg
EPA 8081B	Soil	Endosulfan II	0.33	0.33	ug/kg
EPA 8081B	Soil	Endosulfan sulfate	0.33	0.33	ug/kg
EPA 8081B	Soil	Endrin	0.33	0.33	ug/kg
EPA 8081B	Soil	Endrin aldehyde	0.33	0.33	ug/kg
EPA 8081B	Soil	Endrin ketone	0.33	0.33	ug/kg
EPA 8081B	Soil	Heptachlor	0.33	0.33	ug/kg
EPA 8081B	Soil	Heptachlor epoxide	0.33	0.33	ug/kg
EPA 8081B	Soil	Methoxychlor	1.65	1.65	ug/kg
EPA 8081B	Soil	Toxaphene	16.7	16.7	ug/kg

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Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
PCBs					
EPA 8082A	Soil	Aroclor 1016	0.0167	0.0167	mg/kg
EPA 8082A	Soil	Aroclor 1221	0.0167	0.0167	mg/kg
EPA 8082A	Soil	Aroclor 1232	0.0167	0.0167	mg/kg
EPA 8082A	Soil	Aroclor 1242	0.0167	0.0167	mg/kg
EPA 8082A	Soil	Aroclor 1248	0.0167	0.0167	mg/kg
EPA 8082A	Soil	Aroclor 1254	0.0167	0.0167	mg/kg
EPA 8082A	Soil	Aroclor 1260	0.0167	0.0167	mg/kg
EPA 8082A	Soil	Aroclor 1262	0.0167	0.0167	mg/kg
EPA 8082A	Soil	Aroclor 1268	0.0167	0.0167	mg/kg
EPA 8082A	Soil	Total PCBs	0.0167	0.0167	mg/kg

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Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
Metals					
EPA 6010C	Soil	Aluminum	1	1	mg/kg
EPA 6010C	Soil	Antimony	0.5	0.5	mg/kg
EPA 6010C	Soil	Arsenic	1	1	mg/kg
EPA 6010C	Soil	Barium	1	1	mg/kg
EPA 6010C	Soil	Beryllium	0.1	0.1	mg/kg
EPA 6010C	Soil	Cadmium	0.3	0.3	mg/kg
EPA 6010C	Soil	Calcium	0.5	5	mg/kg
EPA 6010C	Soil	Chromium	0.5	0.5	mg/kg
EPA 6010C	Soil	Cobalt	0.5	0.5	mg/kg
EPA 6010C	Soil	Copper	0.5	0.5	mg/kg
EPA 6010C	Soil	Iron	2	2	mg/kg
EPA 6010C	Soil	Lead	0.3	0.3	mg/kg
EPA 6010C	Soil	Magnesium	5	5	mg/kg
EPA 6010C	Soil	Manganese	0.5	0.5	mg/kg
EPA 7473	Soil	Mercury	0.03	0.03	mg/kg
EPA 6010C	Soil	Nickel	0.5	0.5	mg/kg
EPA 6010C	Soil	Potassium	5	5	mg/kg
EPA 6010C	Soil	Selenium	1	1	mg/kg
EPA 6010C	Soil	Silver	0.5	0.5	mg/kg
EPA 6010C	Soil	Sodium	10	10	mg/kg
EPA 6010C	Soil	Thallium	1	1	mg/kg
EPA 6010C	Soil	Vanadium	1	1	mg/kg
EPA 6010C	Soil	Zinc	1	1	mg/kg

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Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
PFAS					
Modified EPA 537	Soil	Perfluorobutanesulfonic acid (PFBS)	0.2	0.25	ug/kg
Modified EPA 537	Soil	Perfluorohexanoic acid (PFHxA)	0.0659	0.25	ug/kg
Modified EPA 537	Soil	Perfluoroheptanoic acid (PFHpA)	0.0455	0.25	ug/kg
Modified EPA 537	Soil	Perfluorohexanesulfonic acid (PFHxS)	0.031	0.25	ug/kg
Modified EPA 537	Soil	Perfluorooctanoic acid (PFOA)	0.0772	0.25	ug/kg
Modified EPA 537	Soil	Perfluorooctanesulfonic acid (PFOS)	0.0438	0.25	ug/kg
Modified EPA 537	Soil	Perfluorononanoic acid (PFNA)	0.0598	0.25	ug/kg
Modified EPA 537	Soil	Perfluorodecanoic acid (PFDA)	0.0512	0.25	ug/kg
Modified EPA 537	Soil	Perfluoroundecanoic acid (PFUnA)	0.116	0.25	ug/kg
Modified EPA 537	Soil	Perfluorododecanoic acid (PFDoA)	0.075	0.25	ug/kg
Modified EPA 537	Soil	Perfluorotridecanoic acid (PFTrDA)	0.0435	0.25	ug/kg
Modified EPA 537	Soil	Perfluorotetradecanoic acid (PFTA)	0.0747	0.25	ug/kg
Modified EPA 537	Soil	N-MeFOSAA	0.104	0.25	ug/kg
Modified EPA 537	Soil	N-EtFOSAA	0.104	0.25	ug/kg
Modified EPA 537	Soil	Perfluoropentanoic acid (PFPeA)	0.0919	0.25	ug/kg
Modified EPA 537	Soil	Perfluoro-1-octanesulfonamide (FOSA)	0.0467	0.25	ug/kg
Modified EPA 537	Soil	Perfluoro-1-heptanesulfonic acid (PFHpS)	0.0493	0.25	ug/kg
Modified EPA 537	Soil	Perfluoro-1-decanesulfonic acid (PFDS)	0.0512	0.25	ug/kg
Modified EPA 537	Soil	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.066	0.25	ug/kg
Modified EPA 537	Soil	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.0256	0.25	ug/kg
Modified EPA 537	Soil	Perfluoro-n-butanoic acid (PFBA)	0.183	0.25	ug/kg

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Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
VOC					
EPA TO-15	Soil Vapor	1,1,1,2-Tetrachloroethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,1,1-Trichloroethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,1,2,2-Tetrachloroethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,1,2-Trichloroethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,1-Dichloroethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,1-Dichloroethylene	0.025	0.025	ppb
EPA TO-15	Soil Vapor	1,2,4-Trichlorobenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,2,4-Trimethylbenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,2-Dibromoethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,2-Dichlorobenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,2-Dichloroethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,2-Dichloropropane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,2-Dichlorotetrafluoroethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,3,5-Trimethylbenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,3-Butadiene	0.3	0.3	ppb
EPA TO-15	Soil Vapor	1,3-Dichlorobenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,3-Dichloropropane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,4-Dichlorobenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	1,4-Dioxane	0.2	0.2	ppb
EPA TO-15	Soil Vapor	2-Butanone	0.1	0.1	ppb
EPA TO-15	Soil Vapor	2-Hexanone	0.2	0.2	ppb
EPA TO-15	Soil Vapor	3-Chloropropene	0.5	0.5	ppb
EPA TO-15	Soil Vapor	4-Methyl-2-pentanone	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Acetone	0.2	0.2	ppb
EPA TO-15	Soil Vapor	Acrolein	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Acrylonitrile	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Benzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Benzyl chloride	0.1	0.1	ppb

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Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
VOC					
EPA TO-15	Soil Vapor	Bromodichloromethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Bromoform	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Bromomethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Carbon disulfide	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Carbon tetrachloride	0.025	0.025	ppb
EPA TO-15	Soil Vapor	Chlorobenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Chloroethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Chloroform	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Chloromethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	cis-1,2-Dichloroethylene	0.025	0.025	ppb
EPA TO-15	Soil Vapor	cis-1,3-Dichloropropylene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Cyclohexane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Dibromochloromethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Dichlorodifluoromethane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Ethanol	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Ethyl acetate	0.2	0.2	ppb
EPA TO-15	Soil Vapor	Ethyl Benzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Hexachlorobutadiene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Isopropanol	0.2	0.2	ppb
EPA TO-15	Soil Vapor	Isopropylbenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Methyl Methacrylate	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Methyl tert-butyl ether (MTBE)	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Methylene chloride	0.2	0.2	ppb
EPA TO-15	Soil Vapor	Naphthalene	0.2	0.2	ppb
EPA TO-15	Soil Vapor	n-Butylbenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	n-Heptane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	n-Hexane	0.1	0.1	ppb
EPA TO-15	Soil Vapor	n-Propylbenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	o-Xylene	0.1	0.1	ppb

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Laboratory Reporting Limits and Method Detection Limits

Method	Matrix	Analyte	MDL	RL	Units
VOC					
EPA TO-15	Soil Vapor	p- & m- Xylenes	0.2	0.2	ppb
EPA TO-15	Soil Vapor	p-Ethyltoluene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	p-Isopropyltoluene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Propylene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	sec-Butylbenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Styrene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	tert-Butylbenzene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Tetrachloroethylene	0.025	0.025	ppb
EPA TO-15	Soil Vapor	Tetrahydrofuran	0.2	0.2	ppb
EPA TO-15	Soil Vapor	Toluene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	trans-1,2-Dichloroethylene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	trans-1,3-Dichloropropylene	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Trichloroethylene	0.025	0.025	ppb
EPA TO-15	Soil Vapor	Trichlorofluoromethane (Freon 11)	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Vinyl acetate	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Vinyl bromide	0.1	0.1	ppb
EPA TO-15	Soil Vapor	Vinyl Chloride	0.025	0.025	ppb

Analytical Method Information

PFAS, NYSDEC Target List in Soil (EPA 537m)

Preservation: Cool 4°C

Container: 10_250mL Plastic Cool to 4° C **Amount Required:** 250 mL **Hold Time:** 14 days

Analyte	MDL	Reporting Limit	Surrogate %Rec	Duplicate RPD	----Matrix Spike---- %Rec	RPD	--Blank Spike / LCS-- %Rec	RPD
Perfluorobutanesulfonic acid (PFBS)	0.200	0.250 ug/kg		30	25-150	35	50-130	30
Perfluorohexanoic acid (PFHxA)	0.0659	0.250 ug/kg		30	25-150	35	50-130	30
Perfluoroheptanoic acid (PFHpA)	0.0455	0.250 ug/kg		30	25-150	35	50-130	30
Perfluorohexanesulfonic acid (PFHxS)	0.0310	0.250 ug/kg		30	25-150	35	50-130	30
Perfluorooctanoic acid (PFOA)	0.0772	0.250 ug/kg		30	25-150	35	50-130	30
Perfluorooctanesulfonic acid (PFOS)	0.0438	0.250 ug/kg		30	25-150	35	50-130	30
Perfluorononanoic acid (PFNA)	0.0598	0.250 ug/kg		30	25-150	35	50-130	30
Perfluorodecanoic acid (PFDA)	0.0512	0.250 ug/kg		30	25-150	35	50-130	30
Perfluoroundecanoic acid (PFUnA)	0.116	0.250 ug/kg		30	25-150	35	50-130	30
Perfluorododecanoic acid (PFDoA)	0.0750	0.250 ug/kg		30	25-150	35	50-130	30
Perfluorotridecanoic acid (PFTrDA)	0.0435	0.250 ug/kg		30	25-150	35	50-130	30
Perfluorotetradecanoic acid (PFTA)	0.0747	0.250 ug/kg		30	25-150	35	50-130	30
N-MeFOSAA	0.104	0.250 ug/kg		30	25-150	35	50-130	30
N-EtFOSAA	0.104	0.250 ug/kg		30	25-150	35	50-130	30
Perfluoropentanoic acid (PFPeA)	0.0919	0.250 ug/kg		30	25-150	35	50-130	30
Perfluoro-1-octanesulfonamide (FOSA)	0.0467	0.250 ug/kg		30	25-150	35	50-130	30
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.0493	0.250 ug/kg		30	25-150	35	50-130	30
Perfluoro-1-decanesulfonic acid (PFDS)	0.0512	0.250 ug/kg		30	25-150	35	50-130	30
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	0.0660	0.250 ug/kg		30	25-200	35	50-200	30
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	0.0256	0.250 ug/kg		30	25-200	35	50-200	30
Perfluoro-n-butanoic acid (PFBA)	0.183	0.250 ug/kg		30	25-150	35	50-130	30
Surr: M3PFBS			25-150					
Surr: M5PFHxA			25-150					
Surr: M4PFHpA			25-150					
Surr: M3PFHxS			25-150					
Surr: Perfluoro-n-[13C8]octanoic acid (M8PFOA)			25-150					
Surr: M6PFDA			25-150					
Surr: M7PFUdA			25-150					
Surr: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)			25-150					
Surr: M2PFTeDA			10-150					
Surr: Perfluoro-n-[13C4]butanoic acid (MPFBA)			25-150					
Surr: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)			25-150					
Surr: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)			25-150					
Surr: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)			10-150					
Surr: d3-N-MeFOSAA			25-150					
Surr: d5-N-EtFOSAA			25-150					
Surr: M2-6:2 FTS			25-200					
Surr: M2-8:2 FTS			25-200					
Surr: M9PFNA			25-150					

MPFOA

Attachment B
Analytical Methods / Quality Assurance Summary Table

ATTACHMENT C
ANALYTICAL METHODS/QUALITY ASSURANCE SUMMARY TABLE

Matrix Type	Field Parameters	Laboratory Parameters	Analytical Methods	Sample Preservation	Sample Container Volume and Type	Sample Hold Time	Number of Samples to be Collected	Field Duplicate Samples	Equipment Blank Samples	Trip Blank Samples	Ambient Air Samples	MS/MSD Samples
Soil	Total VOCs via PID	Part 375 + TCL VOCs / CP-51 VOCs	EPA 8260C	Cool to 4°C	Two 40-ml VOC vials with 5ml H_2O, one with MeOH or 3 Encore Samplers (separate container for % solids)	14 days, freeze at lab within 48 hours	16	1 per 20 samples (minimum 1)	1 per 20 samples, if needed (minimum 1, if needed)	1 per shipment of VOC samples	NA	1 per 20 samples (minimum 1)
		Part 375 + TCL SVOCs / CP-51 SVOCs	EPA 8270D	Cool to 4°C	4 oz. jar*	14 days extract, 40 days after extraction to analysis						
		1,4-Dioxane	EPA 8270D	Cool to 4°C	8 oz. jar	14 days extract, 40 days after extraction to analysis						
		Part 375 + TAL Metals	EPA 6010C, EPA 7470, EPA 7196A, EPA 9014/9010C	Cool to 4°C	2 oz. jar*	6 months, except Mercury 28 days						
		Hexavalent Chromium	EPA 7196A	Cool to 4°C	2 oz. jar*	28 days						
		Perfluoroalkyl Substances (PFAs)	EPA 537.1	Cool to 4°C	1/2 filled 250mL HDPE container	14 days extract, 40 days after extraction to analysis						
		Part 375 + TCL Herbicides	EPA 8151A	Cool to 4°C	4 oz. jar*	14 days extract, 40 days after extraction to analysis						
		Part 375 + TCL Pesticides	EPA 8081B	Cool to 4°C	4 oz. jar*	14 days extract, 40 days after extraction to analysis						
		Part 375 + TCL PCBs	EPA 8082A	Cool to 4°C	4 oz. jar*	14 days extract, 40 days after extraction to analysis						
Groundwater	Headspace VOCs via PID, synoptic groundwater level measurement, Temperature, Turbidity, pH, ORP, Conductivity	Part 375 + TCL VOCs	EPA 8260C	Cool to 4°C; HCl to pH <2;no headspace	Three 40-mL VOC vials with Teflon®-lined cap	14 days	5	1 per 20 samples (minimum 1)	1 per 20 samples, if needed (minimum 1, if needed)	1 per shipment of VOC samples	NA	1 per 20 samples (minimum 1)
		Part 375 + TCL SVOCs / CP-51 SVOCs	EPA 8270D	Cool to 4°C	Two 1-Liter Amber Glass	7 days to extract, 40 days after extraction to analysis						
		1,4-Dioxane	EPA 8270D SIM	Cool to 4°C	1-L Amber Glass	7 days to extract, 40 days after extraction to analysis						
		Part 375 + TAL Metals	EPA 6010C, EPA 7470, EPA 7196A, EPA 9014/9010C	Cool to 4°C	Two 1-Liter Amber Glass	6 months, except Mercury 28 days						
		Hexavalent Chromium	EPA 7196A	Cool to 4°C	250 mL Plastic	24 hours						
		Perfluoroalkyl Substances (PFAs)	EPA 537.1	Cool to 4°C	Two 250mL HDPE containers	14 days extract, 40 days after extraction to analysis						
		Part 375 + TCL Herbicides	EPA 8151A	Cool to 4°C	Two 1-Liter Amber Glass	7 days to extraction, 40 days after extraction to analysis						
		Part 375 + TCL Pesticides	EPA 8081B	Cool to 4°C	Two 1-Liter Amber Glass	7 days extract, 40 days after extraction to analysis						
		Part 375 + TCL PCBs	EPA 8082A	Cool to 4°C	Two 1-Liter Amber Glass	7 days extract, 40 days after extraction to analysis						
Soil Vapor	Total VOCs via PID	Part 375 + TCL VOCs	EPA TO-15	NA	6L Summa Cannister	30 days	7	1 per 20 samples (minimum 1)	NA	NA	1 per day	NA
Indoor Air	Total VOCs via PID	Part 375 + TCL VOCs	EPA TO-15	NA	6L Summa Cannister	30 days	6	1 per 20 samples (minimum 1)	NA	NA	1 per day	NA

Notes:
*can be combined in one or more 8 oz. jars
mL = milliliter
VOC = Volatile organic compound
SVOC = Semi-volatile organic compound
PCB = Polychlorinated biphenyls
TAL = Total Analyte List
TCL = Target Criteria List
PID = Photoionization detector
Part 375 = New York State Department of Environmental Conservation (NYSDEC) Title 6 New York City Rules and Regulation (NYCRR) Part 375 List.
ORP = Oxidation reduction potential
EPA = U.S. Environmental Protection Agency
NA = Not applicable
ºC = degree Celsius
The PFAS compounds to be analyzed includes: perfluorobutanesulfonic acid, perfluorohexanesulfonic acid, perfluoroheptanesulfonic acid, perfluorooctanessulfonic acid, perfluorodecanesulfonic acid, perfluorobutanoic acid, perfluoropentanoic acid, perfluorohexanoic acid, perfluoroheptanoic acid, perfluorooctanoic acid, perfluorononanoic acid, perfluorodecanoic acid, perfluoroundecanoic acid, perfluorododecanoic acid, perfluorotridecanoic acid, perfluorotetradecanoic acid, 6:2 fluorotelomer sulfonate, 8:2 fluorotelomer sulfonate, perfluroroctanesulfonamide, n-methyl perfluorooctanesulfonamidoacetic acid, and n-ethyl perfluorooctanesulfonamidoacetic acid.

Attachment C
Sample Nomenclature

INTRODUCTION

J.C. Broderick & Associates, Inc. conducts an assortment of site investigations where samples (Vapor, Solids, and Aqueous) are collected and submitted to analytical laboratories for analysis. The results of which are then evaluated and entered into a data base allowing quick submittal to the state regulatory authority (New York State Division of Environmental Conservation [NYSDEC]). In addition, Langan is linking their data management system to graphic and analytical software to enable efficient evaluation of the data as well as creating client-ready presentational material.

SCOPE AND APPLICATION

This Standard Operating Procedure (SOP) is applicable to the general framework for labeling vapor, solid (soil) and aqueous (groundwater) samples that will be submitted for laboratory analysis. The nomenclature being introduced is designed to meet the NYSDEC EQuIS standard and has been incorporated into Langan software scripts to assist project personnel in processing the data. While this SOP is applicable to all site investigation; unanticipated conditions may arise which may require considerable flexibility in complying with this SOP. Therefore, guidance provided in this SOP is presented in terms of general steps and strategies that should be applied; but deviation from this SOP must be reported to the Project Manager (PM) immediately.

GENERAL SAMPLE IDENTIFICATION CONSIDERATIONS

Sample Labels

All sample ware must have a label. Recall that when you are using the Encore™ samples (see below); they are delivered in plastic lined foil bags. You are to label the bags[1]:



All other samples containers including Terra Cores™ must be labeled with laboratory provided self-adhesive labels.

Quick Breakdown of Sample Format

The general format for sample nomenclature is:

---

[1]Both Alpha and York laboratories permit the combining of the three Encore™ into a single bag. This may not be appropriate for all laboratories so please confirm with the labs themselves.

LLNN_ID

Where

LL is a grouping of two (2) to four (4) letters signifying the sample media source. In older nomenclature SOPs this portion of the sample identification is commonly referred to as the *Sample Investigation Code*

NN represents a two digit number identifying the specific sample location or sample sequence number

_ ***(underscore)*** is required between the sample lettering and numeric identification and additional modifying data that determines the date of sampling or the depth of the sample interval

ID is a modifier specific to the sample type media (depth of soil sample or date of groundwater sample)

LL – Sample Investigation Code

Langan has devised a list of two to four letters to insure a quick ability to identify the sample investigation.

Code	Investigation
AA	Ambient Air
DS	Drum
EPB	Endpoint Location - Bottom (Excavation)
EPSW	Endpoint Location - Sidewall (Excavation)
FP	Free Product
IA	Indoor Air
IDW	Investigation Derived Waste (Soil Pile)
MW	Monitoring Well (Permanent)
SB	Soil Boring
SG	Staff Gauge (Stream Gauging)
SL	Sludge
SV	Soil Vapor Point
SVE	Soil Vapor Extraction Well
SW	Surface Water
TMW	Temporary Monitoring Well
TP	Test Pit (Excavated Material from Test Pit Not Associated With Sidewall or Bottom Samples)
WC	Waste Characterization Boring
COMP	Composite Sample
TB	Trip Blank (QA/QC Sampling – All Investigations)
FB	Field Blank (QA/QC Sampling – All Investigations)
DUP	Duplicate (QA/QC Sampling – All Investigations)

NN – Numeric Identifier

The two digit number that follows the sample investigation code (LL) identifies the specific sample based on the soil boring, monitoring well, endpoint or other location identification. For a subset of samples

where there is no specific location identifier, the two digit number is the sequence number for the sample submitted. For example, an aqueous sample from a monitoring well identified as MW-1 would have the sample investigation code of MW and the numeric identifier as 01. Note there is no hyphen. The same can be done for soil borings, a soil sample collected from soil boring 9 (SB-9) would be have the LLNN identification of SB09 (again, no hyphen).

Note however that there is a subset of samples related to laboratory analytical quality assurance, among these includes TB, FB, and DUP. On many investigations, the Scope will require multiple collections of these types of samples, therefore the numerical number represents the sequence sample count where the first sample is 01, the second sample is 02, and the third sample is 03 and so on.

_Underscore
The underscore is required. It separates the investigation code and numeric identifier from the modifier specific to the sample itself. Note that every effort should be made to insure that the underscore is clear on the sample label and chain of custody (COC).

ID – Modifier Specific to Type Media
Each sample investigation code and numeric identifier is further modified by an ID specific to the sample type media. In general, soil samples (soil borings or endpoint samples) use an ID that indicates the depth at which the sample was taken. Aqueous samples (groundwater or surface water samples) are identified by the date the sample was collected. Other types of samples including quality control (TB, FB, and DUP), Vapor samples (AA, IA, SV or SVE), other soil type samples (IDW, sludge, free product, drum, and others) are also identified by a date. The following rules apply to the ID when using sample depth or sample date.

Sample Depth
The sample depth must be whole numbers (no fractions) separated by a hyphen. Thus for a soil sample collected from the soil boring SB-1 from a depth of 6 feet to 8 feet, the sample would be identified as:

SB01_6-8

Unfortunately, the NYSDEC EQuIS system does not accept fractions. Therefore, if your sample interval is a fraction of a foot (6.5-7.5), round up to the larger interval (6-8).

Sample Date
The sample date is always in the format of MMDDYY. Note that the year is two digits. Thus for a groundwater sample collected on July 1, 2015 from the monitoring well MW-1, the sample would be identified as:

MW01_070115

Special Cases
There are a couple of specific sample types that require further explanation.

Endpoint Sampling
End point sidewall samples are sometimes modified by magnetic direction (N, S, E, and W). For example, the first sidewall endpoint sample from the north wall of an excavation at a depth of 5 feet would be written as:

EPSW01_N_5

Again, note that the N in the identification refers to north and is separated from the prefix investigation code/ numeric identifier and ID modifier suffix by underscores.

Vapor Extraction Well Sample

As with the sidewall endpoint samples, the sample name is altered by inserting a middle modifier between the prefix and suffix of the sample name. The middle modifier is used to identify the source of the sample (inlet sample port, midpoint sample port or outlet sample port). For example the midpoint port of the vapor extraction well number 1 sampled on July 1, 2015 would be written as;

SVE01_MID_070115

Matrix Spike and Matrix Spike Duplicate

On occasion, a JCB investigation will collect a sample to be used to provide the lab with a site specific medium to spike to determine the quality of the analytical method. This special case of sampling requires additional information to be used in the sample name, specifically, a suffix specifying whether the sample is the matrix spike (MS) or the matrix spike duplicate (MSD). In the following example, the sample is collected from soil boring number 1 at a depth of 2-4 feet. For the matrix spike sample:

SB01_2-4_MS

and for the matrix spike duplicate sample:

SB01_2-4_MSD

Multiple Interval Groundwater Sampling

Although not currently a common practice, low flow sampling facilitates stratigraphic sampling of a monitoring well. If the scope requires stratigraphic sampling then groundwater samples will be labeled with a lower case letter following the well number. For example, placing the pump or sampling tube at 10 feet below surface in MW01 on July 1, 2015 would require the sample to be labeled as:

MW01a_070115

While a second sample where the pump or tubing intake is placed at 20 feet would be labeled as:

MW01b_070115

Note that it is important that you record what depth the intake for each sample represents in your field notes; as this information is going to be critical to interpreting the results.

Attachment D
Laboratory Standard Operating Procedures for PFAS Analysis

Standard Operating Procedure

Analysis of Target Per- and Polyfluorinated Alkyl Substances (PFAS) in Potable Water by EPA Method 537.1 using HPLC/MS-MS

Approvals

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Target PFAS in Potable Water Matrices

1. SCOPE AND APPLICATION

This method is used to identify and quantitate specific PFAS compounds in extracts of Potable water samples using HPLC/MS-MS (high pressure liquid chromatography/ tandem mass spectrometry. Currently the compounds (18) that are measured by this methodology by EPA 537.1 are listed in the table below.

Analyte[a]	Acronym *	CAS Number
Hexafluoropropylene oxide dimer acid (GenX)	HFPO-DA	13252-13-6b
N-ethyl perfluorooctanesulfonamidoacetic acid	N-EtFOSAA	2991-50-6
N-methyl perfluorooctanesulfonamidoacetic acid	N-MeFOSAA	2355-31-9
Perfluorobutanesulfonic acid	PFBS	375-73-5
Perfluorodecanoic acid	PFDA	335-76-2
Perfluorododecanoic acid	PFDoA	307-55-1
Perfluoroheptanoic acid	PFHpA	375-85-9
Perfluorohexanesulfonic acid	PFHxS	355-46-4
Perfluorohexanoic acid	PFHxA	307-24-4
Perfluorononanoic acid	PFNA	375-95-1
Perfluorooctanesulfonic acid	PFOS	1763-23-1
Perfluorooctanoic acid	PFOA	335-67-1
Perfluorotetradecanoic acid	PFTA	376-06-7
Perfluorotridecanoic acid	PFTrDA	72629-94-8
Perfluoroundecanoic acid	PFUnA	2058-94-8
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	763051-92-9[c]
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	9Cl-PF3ONS	756426-58-1[d]
4,8-dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4[e]

[a] Some PFAS are commercially available as ammonium, sodium and potassium salts. This method measures all forms of the analytes as anions while the counterion is inconsequential. Analytes may be purchased as acids or as any of the corresponding salts.
[b] HFPO-DA and the ammonium salt of HFPO-DA are components of the GenX processing aid technology and both are measured as the anion of HFPO-DA by this method.
[c] 11Cl-PF3OUdS is available in salt form (e.g. CASRN of potassium salt is 83329-89-9).
[d] 9Cl-PF3ONS analyte is available in salt form (e.g. CASRN of potassium salt is 73606-19-6)
[e] ADONA is available as the sodium salt (no CASRN) and the ammonium salt (CASRN is 958445-44-8).

* These acronyms are those listed in EPA Method 537.1. The listed acronyms are also those in our LIMS database.

The estimated reporting limit based upon the preparation/analysis parameters herein at the time of this revision are 2.0 ng/L (ppt) for aqueous samples. The linear range for these PFAS can be extended by dilution. This RL is based upopn a minimum volume of 0.125 L extracted.

2. SUMMARY

2.1 This procedure is based upon EPA method 537.1 without modification when used for potable water sample preparation or analysis.

2.2 A 125-290 mL(depending upon the volume submitted by the client sample field preserved with 1.25 g/250 mL Trizma is extracted using automated or manual Solid Phase Extraction (SPE). The compounds are eluted from the solid phase using methanol. The extract is then slowly evaporated to dryness using a nitrogen evaporation system. The resulting extract residue is reconstituted in 95%/5% Methanol/water to a final volume of 1.0 mL.

2.3 A portion of the extract is then used for analysis of PFAS using a C18 LC column using a gradient program with 5mM ammonium acetate/water and methanol to effect separation followed by analysis using AJI-ESI (Electrospray) injection into a triple Quadrupole MS operated in negative ion mode.

2.4 Quantitation is done by internal standard technique and peak response is measured as the area of the peaks from the dynamic MRM (Multiple Reaction Monitoring) run.

3. DEFINITIONS

3.1 ANALYSIS BATCH – A set of samples that is analyzed on the same instrument during a 24-hour period, including no more than 20 Field Samples, that begins and ends with the analysis of the appropriate Continuing Calibration Check (CCC) standards. Additional CCCs may be required depending on the length of the analysis batch and/or the number of Field Samples.

3.2 CALIBRATION STANDARD (CAL) – A solution prepared from the primary dilution standard solution and/or stock standard solution, internal standard(s), and the surrogate(s). The CAL solutions are used to calibrate the instrument response with respect to analyte concentration.

3.3 COLLISIONALLY ACTIVATED DISSOCIATION (CAD) – The process of converting the precursor ion's translational energy into internal energy by collisions with neutral gas molecules to bring about dissociation into product ions.

3.4 CONTINUING CALIBRATION CHECK (CCC) – A calibration standard containing the method analytes, internal standard(s) and surrogate(s). The CCC is analyzed periodically to verify the accuracy of the existing calibration for those analytes.

3.5 DETECTION LIMIT (DL) – The minimum concentration of an analyte that can be identified, measured, and reported with 99% confidence that the analyte concentration is greater than zero. This is a statistical determination of precision (Sect. 9.2.7), and accurate quantitation is not expected at this level.[2]

3.6 EXTRACTION BATCH – A set of up to 20 Field Samples (not including QC samples) extracted together by the same person(s) during a work day using the same lot of SPE devices, solvents, surrogate, internal standard and fortifying solutions. Required QC samples include Laboratory Reagent Blank, Laboratory Fortified Blank, Laboratory Fortified Sample Matrix, and either a Field Duplicate or Laboratory Fortified Sample Matrix Duplicate.

3.7 FIELD DUPLICATES (FD1 and FD2) – Two separate samples collected at the same time and place under identical circumstances, and treated exactly the same throughout field and laboratory procedures. Analyses of FD1 and FD2 give a measure of the precision associated with sample collection, preservation, and storage, as well as lab procedures.

3.8 FIELD REAGENT BLANK (FRB) – An aliquot of reagent water that is placed in a sample container in the laboratory and treated as a sample in all respects, including shipment to the sampling site, exposure to sampling site conditions, storage, preservation, and all analytical procedures. The purpose of the FRB is to determine if method analytes or other interferences are present in the field environment.

3.9 INTERNAL STANDARD (IS) – A pure chemical added to an extract or standard solution in a known amount(s) and used to measure the relative response of other method analytes and surrogates that are components of the same solution. The internal standard must be a chemical that is structurally similar to the method analytes, has no potential to be present in samples, and is not a method analyte.

3.10 LABORATORY FORTIFIED BLANK (LFB) – A volume of reagent water or other blank matrix to which known quantities of the method analytes and all the preservation compounds are added in the laboratory. The LFB is analyzed exactly like a sample, and its purpose is to determine whether the methodology is in control, and whether the laboratory is capable of making accurate and precise measurements.

3.11 LABORATORY FORTIFIED SAMPLE MATRIX (LFSM) – A preserved field sample to which known quantities of the method analytes are added in the laboratory. The LFSM is processed and analyzed exactly like a sample, and its purpose is to determine whether the sample matrix contributes bias to the analytical results. The background concentrations of the analytes in the sample matrix must be determined in a separate sample extraction and the measured values in the LFSM corrected for background concentrations.

3.12 LABORATORY FORTIFIED SAMPLE MATRIX DUPLICATE (LFSMD) – A

duplicate of the Field Sample used to prepare the LFSM. The LFSMD is fortified, extracted, and analyzed identically to the LFSM. The LFSMD is used instead of the Field Duplicate to assess method precision when the occurrence of method analytes is low.

3.13 LABORATORY REAGENT BLANK (LRB) – An aliquot of reagent water or other blank matrix that is treated exactly as a sample including exposure to all glassware, equipment, solvents and reagents, sample preservatives, internal standard, and surrogates that are used in the analysis batch. The LRB is used to determine if method analytes or other interferences are present in the laboratory environment, the reagents, or the apparatus.

3.14 LOWEST CONCENTRATION MINIMUM REPORTING LEVEL (LCMRL) – The single laboratory LCMRL is the lowest true concentration for which a future recoveryis expected, with 99% confidence, to be between 50 and 150% recovery.[1]

3.15 MINIMUM REPORTING LEVEL (MRL) – The minimum concentration that can be reported as a quantitated value for a method analyte in a sample following analysis. This defined concentration can be no lower than the concentration of the lowest calibration standard for that analyte and can only be used if acceptable QC criteria for this standard are met. A procedure for verifying a laboratory's MRL is provided in Section 9.2.5.

3.16 PRECURSOR ION – For the purpose of this method, the precursor ion is the deprotonated molecule ($[M-H]^-$) of the method analyte. In MS/MS, the precursor ion is mass selected and fragmented by collisionally activated dissociation to produce distinctive product ions of smaller *m/z*.

3.17 PRIMARY DILUTION STANDARD (PDS) SOLUTION – A solution containing the analytes prepared in the laboratory from stock standard solutions and diluted as needed to prepare calibration solutions and other needed analyte solutions.

3.18 PRODUCT ION – For the purpose of this method, a product ion is one of the fragment ions produced in MS/MS by collisionally activated dissociation of the precursor ion.

3.19 QUALITY CONTROL SAMPLE (QCS) – A solution of method analytes of known concentrations that is obtained from a source external to the laboratory and different from the source of calibration standards. The second source SSS is used to fortify the QCS at a known concentration. The QCS is used to check calibration standard integrity.

3.20 STOCK STANDARD SOLUTION (SSS) – A concentrated solution containing one or more method analytes prepared in the laboratory using assayed reference materials or purchased from a reputable commercial source.

3.21 SURROGATE ANALYTE (SUR) – A pure chemical which chemically resembles method analytes and is extremely unlikely to be found in any sample. This

chemical is added to a sample aliquot in known amount(s) before processing and is measured with the same procedures used to measure other method analytes. The purpose of the SUR is to monitor method performance with each sample.

4. INTERFERENCES

LC-MS/MS data from blanks, samples, and spikes must be evaluated for interferences. If any interferences are present, take corrective action if necessary. Do not use aluminum foil because PFAAs can be potentially transferred from the aluminum foil to the glassware. Only aluminum foil rinsed with LC/MS grade methanol can be used where necessary.

4.1 PFAS have been used in a wide variety of manufacturing processes, and laboratory supplies should be considered potentially contaminated until they have been tested and shown to be otherwise. The materials and supplies used during the method validation process have been tested and shown to be clean. These items are listed in the Reagents section.

4.2 Method interferences may be caused by contaminants in solvents, reagents (including DI water), sample bottles and caps, and other sample processing hardware that lead to discrete artifacts and/or elevated baselines in the chromatograms. All items such as these must be routinely demonstrated to be free from interferences (less than 1/2 the Reporting Limit), under the conditions of the analysis by analyzing Method Blanks. Subtracting blank values from sample results is not permitted.

4.3 PTFE products can be a source of PFAS (PFOA) contamination. The use of PTFE in the procedure should be avoided. Polypropylene (PP) or polyethylene (PE, HDPE) products may be used in place of PTFE products to minimize PFOA contamination.

4.3.1 Standards and samples are injected from polypropylene autosampler vials with polypropylene snap caps, once. Multiple injections may be performed on Primers when conditioning the instrument for analysis.

4.3.2 Random evaporation losses have been observed with the polypropylene caps causing high Internal Std. recovery after the vial was punctured and sample re-injected. For this reason, it is best to inject standards and samples once in the analytical sequence.

4.3.2 Teflon-lined screw caps have detected PFAS at low concentrations. Repeated injection from the same teflon-lined screw cap have detected PFNA at increasing concentration as each repeated injection was performed, therefore, it is best to use polypropylene

snap caps.

4.4 LC/MS grade methanol must be used for all steps where methanol is used in this method.

4.5 Matrix interferences may be caused by contaminants that are co-extracted from the sample. The extent of matrix interferences will vary considerably from source to source, depending upon the nature of the water.

4.6 Solid phase extraction cartridges may be a source of interferences. The analysis of field and laboratory reagent blanks can provide important information regarding the presence or absence of such interferences. The Biotage Isolute 101 500 mg/6mL cartidges (SDVB) brand or Phenomenex SDVB have shown no interfering peaks/ions at the retention times of interest. Each new lot of SPE cartidges must be tested to ensure that contamination does not preclude analyte identification and quantitation.

4.6 Contamination by carryover can occur whenever a high-concentration and low concentration samples are sequentially analyzed. To reduce carryover, the sample syringe in automatically rinsed with solvent between injections. These operations are programmed into the LC multi-sampler system.

4.7 Volumetric glassware and syringes are difficult to clean after being used for solutions containing high levels of PFOA. These items should be labeled for use only with similarly concentrated solutions or verified clean prior to re-use. To the extent possible, disposable labware is used.

4.8 Both branched and linear PFAS isomers can potentially be found in the environment. Linear and branched isomers are known to exist for PFOS, PFOA, PFHxS, PFBS, Et-FOSAA, and MeFOSAA based upon the scientific literature. If multiple isomers are present for one of these PFAS they might be adjacent peaks that completely resolve or not, but usually with a deflection point resolved during peak integration. The later of these peaks matches the retention time of its labeled linear analog. In general, earlier peaks are the branched isomers and are not the result of peak splitting.

Currently, all these species are available as linear isomers. Reference standards of the technical mixtures for these specific PFAS are used to ensure that all appropriate peaks are included during peak integration. <u>These branched isomers elute before the linear isomer and are integrated and reported as total for those species.</u>

4.9 In an attempt to reduce PFOS bias, it is required that *m/z* 499>80 transition be used as the quantitation transition.

5. SAMPLE HANDLING

5.1 Aqueous samples are collected by our clients in 250 mL polypropylene bottles with polypropylene caps. For potable water samples the containers are charged with preservative: TRIZMA PRESET CRYSTALS, pH 7.0 Trizma® functions as a buffer, and removes free chlorine in chlorinated finished waters. Approx. 1.25 g. are added to 250 mL samples (5g/L).

5.2 FIELD REAGENT BLANKS (FRB)
A FRB must be handled along with each sample set. The sample set is composed of samples collected from the same sample site and at the same time. At the laboratory, fill the field blank sample bottle with reagent water and preservatives, seal, and ship to the sampling site along with the sample bottles. For each FRB shipped, an empty sample bottle (no preservatives) must also be shipped. At the sampling site, the sampler must open the shipped FRB and pour the preserved reagent water into the empty shipped sample bottle, seal and label this bottle as the FRB. The FRB is shipped back to the laboratory along with the samples and analyzed to ensure that PFAAs were not introduced into the sample during sample collection/handling.

5.3 SAMPLE SHIPMENT AND STORAGE – Samples must be chilled during shipment and must not exceed 10 °C during the first 48 hours after collection. Sample temperature must be confirmed to be at or below 10 °C when the samples are received at the laboratory. Samples stored in the lab must be held at or below 6 °C until extraction, but should not be frozen.

NOTE: Samples that are significantly above 10° C, at the time of collection, may need to be iced or refrigerated for a period of time, in order to chill them prior to shipping. This will allow them to be shipped with sufficient ice to meet the above requirements.

5.4 SAMPLE AND EXTRACT HOLDING TIMES – Results of the sample storage stability study (Table 10) indicated that all compounds listed in the EPA 537.1 method have adequate stability for 14 days when collected, preserved, shipped and stored as described. Therefore, water samples should be extracted within 14 days of collection. Extracts must be stored at room temperature and analyzed within 28 days after extraction.

6. APPARATUS AND MATERIALS

6.1 250 mL polypropylene bottles with polypropylene caps. VWR Scientific or equivalent: Part no. 414004-125, 12 pk. Alternate: White PP unlined lid L238WH and 8 oz. clarified PP single wall jar 70-400 neck, item J066-Containers and Packaging.com or equivalent.

6.2 Transport Tube: Virgin Polypropylene, White, Plastic, 10 mL Capacity, 16 mm OD, 93 mm Overall Lg, Self-Standing, 250 PK, Item 710Z420, Gamut.com (Grainger), with PP cap or equivalent.

6.3 Graduated cylinders, 50, 100, 250, 500 and 1000mL, Polypropylene, VWR Scientific or equivalent

6.4 Analytical Balance, 0.0001g., checked for accuracy each day of use with Class S weights, certified annually by an outside service

6.5 Extract concentrator: Organomation Model N-EVAP 112, 24 position concentrator with water batch control and nitrogen supply controls.

6.6 Syringes, polypropylene, luer lock, 50-100 mL for filtration of turbid groundwater samples. Merck XX110500 Fisher Scientific or equivalent

6.6 3.1 Micron in-line filters, Promochrom only

6.7 1.0 mL polypropylene snap cap vials, Agilent part no. 5182-0567

6.8 Snap caps, polypropylene, 11 mm, 11/9k, Agilent Part no. 5182-0542

6.9 Solid Phase Extraction Tubes: for EPA 537.1-Potable Water: SDVB- Biotage Isolute 101 500 mg/6mL cartidges (SDVB) part no. 101-0050-C or equivalent

6.10 Syringes, Hamilton or equivalent 5.0 uL, 10 uL 25 uL, 100 uL, 250 uL, 500 uL, teflon free

6.11 Solid Phase Extraction System-automated-Promochrom 8 position autosampler system for 6 mL capacity SPE tubes. System retrofit to remove all PTFE components and replaced with PEEK tubing or PFAS free tubing. Automated bottle rinsing feature required.

6.12 Nitrogen Evaporation System- Organomation Model N-EVAP 112-24 position evaporator with water bath and individual nitrogen delivery control. Water bath capable of ambient temperature to 85 C, but used at 55-60C.

6.13 LC/MS-MS system- Agilent 1260 HPLC system interfaced to an Agilent 6470A Triple Quadrupole system. The instrument control and qualitative/quantitative software is Mass Hunter versions B.8.0 and B.9.0 or later.

6.13.1 HPLC System-Agilent 1260 Infinity II

6.13.1.1 The Agilent 1260 Infinity II HPLC system is configured with temperature controlled column oven compartment. 4 column configuration, temperature controlled (refrigerated) auto sampler

compartments, injection valve, proportioning valves, variable flow controls and variable injection capabilities.

6.13.1.2 The delay column (PFAS and other interference removal) is an Agilent Eclipse Plus C18, 4.6mm x 50 mm, 3.5 um-Part no. 959943-902

6.13.1.3 The analytical column is an Agilent ZORBAX Eclipse Plus C18, 3.0 x 50 mm, 1.8 um- part no. 959757-302

6.13.2 Agilent LC/MS-MS- Agilent 6470AAR

6.14.2.1 Agilent model 6470AAR triple Quadruploe system with Agilent Jet Stream ESI source. UHP nitrogen is used as cell gas and High purity nitrogen is delivered for the sheath gas from a Peak Scientific nitrogen generator system.

6.14 Vortex Mixer- Benchmark Industries or equivalent

6.15 SenSafe Free Chlorine test strips- VWR Scientific or equivalent

7. REAGENTS AND STANDARDS

ALL REAGENTS and STANDARDS MUST BE LOGGED INTO THE ELEMENT LIMS SYSTEM. This includes lot numbers, expiration, open and prepared dates, recipe, Certification/traceability documents from supplier(s) if provided and preparer.

7.1 Methanol, hypergrade for LC/MS. (Merck) from Sigma Aldrich Part no. 1060354000 or equivalent

7.2 Water, hypergrade for LC/MS. (Merck) from Sigma Aldrich Part no. 1153334000 or equivalent

7.3 Isopropanol-for rinsing valve seats, etc.- Sigma Aldrich Part no. 650447-1L

7.4 Ammonium Acetate, LC-MSMS grade. Sigma Aldrich Part no. 73594-100-G-F

7.5 Agilent Tuning Solution-ESI-L-Agilent Part no. G1969-85000

7.5 Stock Standards

Stock Standards are purchased in mid to high concentration form from Wellington Laboratories, Inc. Guelph, ONT, CA. Currently, Wellington is the only supplier of these materials. Second source standards to serve as an initial calibration verification are available for some of the target compounds from Absolute Standards, Hamden, CT in a

2000 ng/mL mix of linear isomers. If unavailable, use a separate preparation/lot from Wellington Labs.

7.5.1 Internal Standards used for the method described are M2PFOA, MPFOS and d3-N-MeFOSAA. These are purchased at 50,000 ng/mL levels and mixed for use. These are purchased from Wellington Labs in 1.2 mL volumes with the following part nos.: MPFOA, MPFOS, and d3-N-MeFOSAA.

7.5.2 Surrogate Materials are purchased for the method described from Wellington Labs at 50000 ng/mL levels. The part nos. are MPFHxA, MPFDA, and d5-N-EtFOSAA.

7.5.3 Stock Standard mixtures of both linear and branched plus linear isomers of the EPA 537 mix are purchase from Wellington Labs at 2000 ng/mL concentrations under part nos. EPA537PDS-L and EPA537-PDS.

The summary below details the procurement requirements for this method-All from Wellington Laboratories, Inc.:

Description	Part no.	Comes in
2000 ng/mL EPA 537.1 list targets	EPA 537 PDSL-R1	4 Days – 1.2 mL
1000-4000 ng/mL EPA 537 Surrogates	EPA 537-SS-R1	4 Days – 1.2 mL
1000, 3000, 4000 ug/mL EPA 537 Internal Stds	EPA-537IS	4 Days – 1.2 mL
Individual Standards @ 50 ug/mL for IS and SURR as alternative		4 Days – 1.2 mL
ISTD –MPFOS	MPFOS	
ISTD - M2PFOA	M2PFOA	
ISTD - d3-N-MeFOSAA	d3-N-MeFOSAA	
SURR – MPFHxA	MPFHxA	
SURR - M3HFPO-DA	M3HFPO-DA	
SURR – MPFDA	MPFDA	
SURR - d5-N-EtFOSAA	d5-N-EtFOSAA	

7.6 Preparation of Standards

7.6.1 Preparation of Working Standards and Intermediates from STOCK Materials

All stock standards are prepared by the vendor in methanol containing a bit of sodium hydroxide to prevent losses of target PFAS compounds due to potential esterification in methanolic solution. The stocks come prepared with 4 molar equivalents (a 3x excess) of sodium hydroxide for stocks at the 50 ug/mL levels. This insures their stability with respect to potential loss due to esterification. The basic solution insures that any acidic sites on the glass ampules or acidic impurities in the methanol are neutralized to prevent ester formation and forms the sodium salt of the PFAS to stabilize it.

When preparing any intermediate or working level standards, the dilution must be prepared in alkaline methanol to prevent the above from occurring.

In order to do this, prepare a 5.0 mM NaOH in Hypergrade Methanol (or LC/MSMS grade) by dissolving 0.02 g. of sodium hydroxide into 100 mL of MeOH. This has a 2 week life.

For standards that are made to 10 mL final volume, add 100 uL of 5.0 mM NaOH/MeOH as part of the preparation. This results in a final concentration of NaOH at 0.05 mM.

For Standards prepared to a final volume of 1.0 mL. add 10 uL of the 5.0 mM NaOH/MeOH.

For working calibration standards/CCVB/SVC made to 500 uL final volume, add 5 uL of the 5.0 mM NaOH/MeOH to each.

7.6.2 Storage of Standards

All working standards should be stored at room temperature provided the container are sealed properly.
Stock Standards may be stored at <10 deg. C but before using must sit to allow equilibration to room temperature followed by either vigorous vortex mixing or sonication for 3-5 mins.

7.6.3 Detailed Preparation Procedure-EPA 537.1 R1

7.6.4 Internal Standards

Option 1 -Internal Standards-purchased as a stock mixture at 1000-4000 ng/mL

These as transferred to a snap cap vial that has been pre-rinsed with 5 mM NaOH/MeOH then allowed to dry. Use as is adding 5 uL to 500 uL volumes or 3 uL to 300 uL volumes for samples or calibration.

Option 2- Internal standards-purchased at 50,000 ng/mL individual components

These as transferred to a snap cap vial that has been pre-rinsed with 5 mM NaOH/MeOH then allowed to dry. Then, dilutions are made to yield 1000, 3000 and 4000 ng/mL Levels for use. Dilutions are prepared as directed below.

For 1.0 mL final volume:

ISTD component	uL of 50,000 ng/mL Stock	uLof 5 mM NaOH/MeOH	uL MeOH
MPFOS, 2870 ng/mL	60 uL	10 uL	830 uL
M2PFOA, 1000 ng/mL	20 uL		
d3-N-MeFOSAA , 4000 ng/mL	80 uL		

7.6.5 Surrogates

7.6.5.1 Option 1 -Stock Surrogates purchased as a mixture at 1000-4000 ng/mL. These are transferred to a snap cap vial that has been pre-rinsed with 5 mM NaOH/MeOH then allowed to dry.
Prepare a 15 mL PP screw cap vial by pre-rinsing with 5 mM NaOH/MeOH then allowing to dry.

Prepare 10 mL of a 1:10 dilution to yield 100-400 ng/mL for use as follows:
Take 1.0 mL of the Surrogate Stock, plus 100 uL of 5 mM NaOH/MeOH and 8900 uL MeOH to give 10 mL final volume.

This results in the following concentrations of working surrogate mix which is used for all samples/QC (100 uL added) or used for calibration as directed under the Calibration section.

SURR – MPFHxA – 100 ng/mL
SURR - M3HFPO-DA - 100 ng/mL
SURR – MPFDA - 100 ng/mL
SURR - d5-N-EtFOSAA- 400 ng/mL

2.3.2.2 Option 2 – Stock individual Surrogates purchased at 50,000 ng/mL levels

SURR – MPFHxA – 50,000 ng/mL
SURR - M3HFPO-DA - 50,000 ng/mL
SURR – MPFDA - 50,000 ng/mL
SURR - d5-N-EtFOSAA- 50,000 ng/mL

These are received in glass ampules. The contents are transferred to snap cap vials that have been pre-rinsed with 5 mM NaOH/MeOH then allowed to dry.

The working surrogate mixture at 100-400 ng/mL is prepared in 10.0 mL quantity by diluting as directed below:

Surrogate	Amount	uL- Amount 5 mM NaOH/MeOH	uL MeOH
MFPHxA	20 uL	100	9760
M3HFPO-DA	20		
MPFDA	20		
d5-N-EtFOSAA	80		

7.6.6 Target Analytes- EPA 537.1 R1

The target analytes for this method are purchased commercially from Wellington Labs under part no. EPA 537 PDSL-R1 which contains the method target analytes as linear isomers only at a nominal concentration of 2000 ng/mL. This mixture is transferred from its glass ampule to a snap cap vial that has been pre-rinsed with 5 mM NaOH/MeOH then allowed to dry. Again these are the nominal concentrations and the actual anion concentrations for those present as salts is listed in the documentation and are reflected in both Mass Hunter and Element.

Preparation of a 10.0 mL volume for use at 100 ng/mL for both Laboratory Fortified Blanks (LFB/BS) and Laboratory Fortified Matrix (LFM/MS) and calibration is detailed below.

Rinse a 15 mL PP centrifuge tube with 5 mM NaOH/MeOH. Allow to dry. Add 100 uL of 5 mM NaOH/MeOH and 9400 uL of MeOH to the tube. Mix, then add 500 uL of the 2000 ng/mL EPA 537 PDSL-R1. Mix fully and this results in the 100 ng/mL solution used for BS/MS and Calibration for the analytes.

7.6.7 Calibration

Calibration of the LC-MSMS systems is done by a seven level calibration covering the range 0.25 ng/mL to 20 ng/mL, nominal. Various PFAS species are present as salts and at differing concentrations and these are reflected in Mass Hunter and Element as their actual concentrations. These are the nominal levels prepared: 0.25, 0.5, 1.0, 2.5, 5.0, 10.0, 20.0 ng/mL. These levels are prepared as directed below using the internal standards, surrogates and target analytes from above as directed below.

This is made to a final volume of 500 uL as shown below in 2 mL snap cap vials that have been pre-rinsed with 5 mM NaOH/MeOH then allowed to dry completely.

It is suggested that the stated volumes of methanol, 5mM NaOH/MeOH are mixed first in the snap caps, then the ISTD is added to each. Then the Surrogates added and finally the target analytes.

Based upon a final volume of 500 uL

Calibration Curve Preparation

Calibration Level	uL 100 ng/mL	uL 100 ng/mL Target Linear	uL 5 mM NaOH/	uL Methanol	uL ISTD at 1000-4000

	Surrogate mix	PFAS Analytes	MeOH		ng/mL
1 (0.25 ng/mL)*	1.25 uL	1.25 uL	5 uL	492.5 uL	5 uL
2 (0.50 ng/mL)	2.5	2.5	5	490.0	5
3 (1.0 ng/mL)	5.0	5.0	5	485.0	5
4 (2.5 ng/mL)	12.5	12.5	5	475.0	5
5 (5.0 ng/mL)*	25.0	25.0	5	445.0	5
6 (10.0 ng/mL)	50.0	50.0	5	395.0	5
7 (20.0 ng/mL)*	100.0	100.0	5	295.0	5

*These levels are also used as the LCV, CCV and HCV for each analysis sequence. Multiple vials should be prepared for these 3 levels.

7.6.8 Checking the Efficacy of the Surrogate/Spike Mixes

On a weekly basis the surrogate and spike mixes at 100 ng/mL are assayed to ensure stability. These are prepared for the analysis by taking 30 uL of the surrogate mix and 30 uL of the spike mix for a final volume of 300 uL as shown below. This yields a 1:10 dilution of the material.

Assay Preparation at 10 ng/mL nominal-prepare in PP auto sampler vial-final volume 300 uL + ISTD:

uL Methanol	uL 5 mM NaOH/MeOH	uL Surrogate at 100 ng/mL	uL Spike at 100 ng/mL	uL ISTD @ 1000-4000 ng/mL
237 uL	3 uL	30 uL	30 uL	3.0

7.6.9 Second Source - Initial Calibration Verification
EPA 537 mix at 2000 ng/mL is currently available form Absolute Standards, Hamden, CT , part no. 99206. This is prepared as an ICV as follows:

Initial Calibration Verification Preparation

Source-Absolute Standards EPA 537 Mix @ 2000 ng/mL

Preparation of Intermediate 100 ng/mL
Take 50 uL of Stock up to 1000 uL in MeOH = 100 ng/mL Intermediate

ICV Level @ 5.0 ng/mL
Take 25 uL of 100 ng/mL ICV Intermediate + 475 uL 95/5 MeOH/H2O + 5uL ISTDs-no Surrogates

8. PROCEDURE

8.1 Preventative and Routine Maintenance

HPLC/MS/MS Preventative Maintenance	
As Needed: Change pump seals. Change in-line filters in autosampler (HPLC). Check/replace in-line frit if excessive pressure or poor performance. Replace column if no change following in-line frit change. Clean needle. Replace or clean Capillary Replace fused silica tube in ESI interface. Clean lenses. Clean skimmer. Ballast rough pump 30 minutes. Check Nozzle flow pattern	**Daily (When in use)** Check solvent reservoirs for sufficient level of solvent. Verify that pump is primed, operating pulse free. (ripple < 1%) Check needle wash reservoir for sufficient solvent. Verify capillary heater temperature functioning. Verify vaporizer heater temperature. Verify rough pump oil levels. Verify turbo-pump functioning. Verify nitrogen pressure for auxiliary and sheath gasses. Possible Checktune
Semi-Annually Replace oil mist and odor elements. Replace activated alumina filter if applicable	**Annually** Vacuum system components including fans and fan covers. Clean/replace fan filters, if applicable.

8.2 Sample Preparation (Extraction and Concentration)

8.2.1 To measure sample initial volume mark a line at the meniscus present in the container. For each lab QC sample required, a clean sample bottle with Trizma® preservative should be filled to the near top and marked for initial volume measurement. Trizma is only used for potable water samples. This measurement serves as a backup since the Horizon Smart Prep II automatically measures the amount of aqueous sample processed and details the volume in the run report.

8.2.2 For every 20 field samples, a blank, a blank spike, and a blank spike duplicate must be extracted. (Field blanks are considered field samples in this consideration as they are treated as such) Ideally, if adequate sample volume is available, a duplicate and a matrix spike should be included on every batch.

8.2.3 All polypropylene equipment including graduated cylinders and sample transfer lines/reservoirs should be washed prior to using with extraction solvent (95:5 Methanol:water).

8.2.4 Add 100uL of surrogate to each sample and QC sample, recap and invert to mix well.

8.2.5 Add, 5, 50 or 100uL of spike to all BS (LFB) and 100 uL MS (LFM) samples included in the extraction batch.

8.2.6 Using the Promochrom automated system, run a cleaning run.

Be sure the reservoirs of LC/MS grade methanol and HPLC plus grade water are full. Prime all lines and align all components.

8.2.7. Load in the EPA537 method.

8.2.8 The SPE method parameters are listed in Figure 1.

Figure 1.0- Promochrom 537.1 SPE Parameters

Step	Action	Inlet	Flow (mL/Min)	Volume (mL)	Time (Mins)
1	Elute W2	CH3OH	5	5	
2	Wait (Soak)				1
3	Elute W2	CH3OH	3	5	
4	Wait (Soak)				1
5	Elute W2	CH3OH	3	5	
6	Wait (Soak)				2
7	Elute W1	H2O	5	18	
8	Wait (Soak)				1
9	Elute W1	H2O	5	5	
10	Wait				2
11	Add Sample W1	Sample	10	285*	
12	Rinse W1 (bottle rinse)	H2O	10	7.5	
13	Rinse W1 (bottle rinse)	H2O	10	7.5	
14	Add Sample W1 (line rinse)	Sample	10	4.5	
15	Elute W1 (prime)	CH3OH	10	0.2	
16	Air-Purge1 (dry tube)	Air	10	5	
17	Blow N_2 (dry tube)				5 @ (2.0 L/min)
18	Rinse 1 (Elute PFAS)	CH3OH	5	6	
19	Wait (Soak)				2
20	Rinse 1 (Elute)	CH3OH	5	6	
21	Wait (soak)				2
22	Collect 1 (final Elute step)	Sample	5	6	
23	Air-Purge1 (purge into collect)	Air	5	10	

*Maximum volume is based upon highest volume of sample in extraction batch

8.2.9 Place labeled 15 mL collection vessels in the sample collection tray and use Element labels to identify the vials at this point. Print 2 sets of labels for each since they will be used after the concentration step as well. These are graduated.

8.2.10 For Potable waters, check for free chlorine levels upon receipt using SenSafe free chlorine strips and show to be <0.1 ppm free chlorine before extraction. All samples above this limit should be rejected.

8.2.12 Add 100uL of Surrogate to each sample and QC sample and mix. Add 5 uL, 50 uL and 100 uL of the LFB (BS) depending upon the rotation of low, mid to high LFB. For LFM (MS) add 100 uL as the LFM for the batch.

8.2.13 Connect the bottles to the automated system..

8.2.14 Initiate the EPA537.1 Extraction Program as defined in Figure 1.0. Each run is approximately 1 hour 15 minutes. Draw a mark on each bottle and later measure the volume with a graduated cylinder. The actual sample volume extracted then entered into the Element Bench Sheet.

8.2.14 The resulting 10-14 mL extracts are transferred to the N-EVAP concentrator system operated at 50-55 degrees C (never more than 65C) in their original collection vials. The nitrogen flow is initiated and adjusted on each individual sample to provide a gentle stream causing a slight disturbance at the surface of the methanol extracts.

8.2.15 As this evaporation proceeds the walls of each vessel are rinsed with methanol when the volume is approximately 5 mls and then again when the volume is reduced to just below 1.0 mL. After these rinses, the evaporation is allowed to proceed until near dryness. At that point the walls of each sample vial are rinsed again with LC/MS grade Methanol and concentration allowed to proceed to dryness.

8.2.16 To each vial, add 1000 uL of 96%/4%Methanol/Water mix by swirling and using a disposable polypropylene pipet, vortex to mix, allow to settle then carefully transfer to a 2 mL PP snap cap.

8.2.17 Withdraw an aliquot of 300 uL into a 500 uL autos ampler vial (PP) and add 3.0 uL of ISTD mix. .

8.2.18 Cap with polyolefin flexible caps and vortex to mix.

8.2.19 Store Extracts at room temperature until analysis. If analysis is to proceed the next day or later, refrigerate at <10C.

8.3 Running Samples/QC - Acquisition Method

The acquisition method is detailed in Attachment 1 (HPLC) and Attachment 2 (MS/MS) of this SOP. The method is a HPLC with dynamic MRM method with precursor and

product ions with specific acquisition parameters to maximize sensitivity and specificity. This list may be modified to add other PFAS target analytes as necessary.
The Solid Phase Extraction Method (SPE) is detailed as Attachment 3.

8.3.1 The triple Quadrupole (QQQ) system must be optimized for each target analyte (including surrogates and internal standards) using the Mass Hunter Optimizer program. This program determines the most abundant precursor and product ions for each compound and their abundances. These data are then used to build an MRM (multiple reaction monitor) method for acquisition. This is done initially or after any major maintenance procedures are performed to the triple quadrupole system. A high level standard is used for this in the $[M-H]^-$ mode.

8.3.2 The QQQ is checked for tuning on a weekly basis before analysis using the Tune context by selecting the CHECKTUNE radio button. This is done only in negative ion mode since that what we are operating under. If the Checktune fails, run the Autotune program-note: this takes approx. 45 mins. in negative mode. This will require a calibration of the instrument.

8.3.3 Before any QC or samples can be run, the HPLC must be allowed to purge for at least thirty minutes. This purge must be done using the initial mobile phase conditions used in the method must be allowed to run for 15 minutes or until pressure has stabilized (ripple must be < 1%)

8.3.4 An instrument sequence (Worklist) is then made. It should begin with two primers (5 ng/mL) followed by a blank.

8.5.5 Those will be followed by the opening Low level CCC then mid level CCV. Then, the worklist can start running. Every 10 field samples (excluding QC and FRBs) a subsequent CCC must be run, alternating between medium and high CCVs (medium = 5 ng/mL, High = 20 ng/mL; Low CCV = 0.25 ng/mL). The sequence must end with a CCC in the rotation.

8.5.6 Following the run, a store column run must be entered, to ensure the column is stored in a high ratio of solvent.

8.5.7 The run can end with a script to put the instrument into standby mode.

8.4 Daily Sample Preparation/Analysis Sequence

- Prepare extracts for analysis by placing a 500 ul aliquot of sample extract containing internal standards into a PP auto-sampler vial. Apply snap cap.
- Confirm that the samples loaded on the auto-sampler were entered correctly in the injection log. Make any necessary corrections.

- Run instrument CCV checks at the RL (0.25 ng/mL), then at a mid level and high level rotating every ten samples (5, 20 ng/mL) and ending with a mid level CCV.
- Prepare samples by placing 100 ul of extract (diluted if necessary) into an auto-sampler vial. Add 2.0 ul 25 ppm Internal Standard to each.
- Enter the Worklist (injection sequence)into the instrument software and load samples onto the auto-sampler in the following order,

    - 2 Primers and a blank with ISTD
    - CCV conditioner @ 5 ng/mL
    - Low Level CCV (0.25 ng/mL)
    - Batch Method Blank
    - LFB
    - Sample Dup/LFM/LFMD
    - Samples to fill the 12-hour clock or 10 sample injections whichever is more frequent
    - CCV (ending or continuing) at 5.0 ng/mL
    - 10 injections
    - Ending CCV -High level, etc.

8.5 Data Review

The Agilent Mass Hunter Quantitation program is used to review all data. All identifications are based upon acceptable ion ratios for the abundance of both precursor and product ions along with retention time information.

8.5.1 Since certain PFAS species are manufactured by different processes the presence of branched as well as linear isomers may be found. In order to properly quantitate these species, the analyst must sum the related branched and linear isomers. This affects the following species: PFOS, PFHxS, N-EtFOSAA and N-MeFOSAA. These should be annotated as total in the quantitation report and subsequent Element outputs. This is accomplished by adding a Qualifier to these specific analytes. The specific qualifier is PFAS-T which says: "For this PFAS compound, the reported result is the Total of the linear and branched isomers".

EPA guidance on this is as follows:

1. Calibrate instrumentation using a certified quantitative standard containing only the linear isomer.

2. Identify the branched isomers by analyzing a “qualitative/semi-quantitative” PFOA mixed standard that includes both linear and branched isomers (Wellington Laboratories, cat#: T-PFOA or equivalent) and compare retention times and tandem mass spectrometry transitions.

3. Quantitate PFOA and the others by integrating the total response (i.e., accounting for peaks that are identified as linear and branched isomers) and relying on the initial calibration with the linear-isomer quantitative standard.

8.5.2 Any detection greater than the upper limit of the calibration curve requires dilution into the upper half of the curve, where possible.

9. CALIBRATION

9.1 Initial Calibration

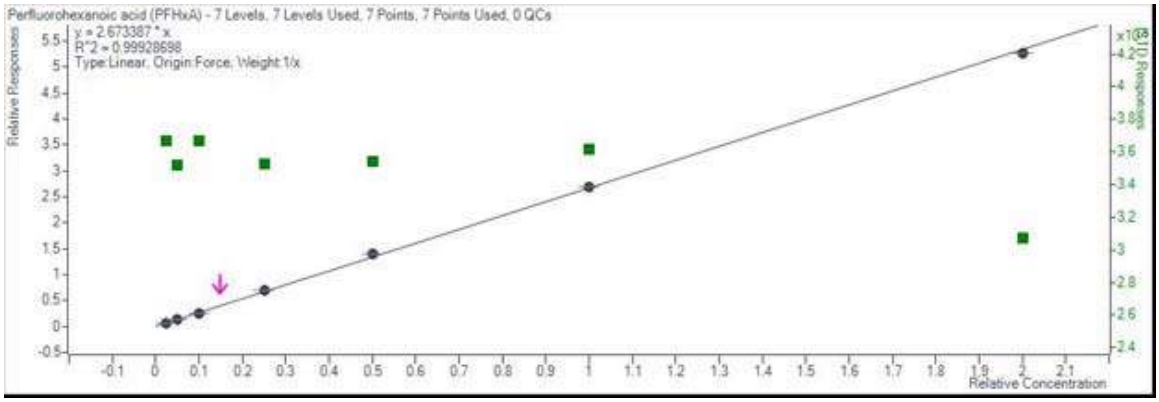
The initial calibration covers the range 0.25 ng/mL to 20 ng/mL or higher depending upon the linearity of the PFAS species. After acquisition, the data are quantitated in Mass Hunter and the default calibration model is generated using Quadratic regression , FORCED through the origin. Depending upon the response and accuracy at each level as shown in the Mass Hunter program, use Linear, Forced, weighted (1/x) or quadratic, Forced, with or without weighting to achieve the best fit which is based upon the best accuracy on a compound by compound basis. In any case, the correlation coefficient must be greater than 0.990.

9.1.1 The calibration levels as shown in Section 7.6.3 use 7 levels. All points are included in the calibration.

9.1.2 A typical calibration for a single compound showing responses and accuracy when quantitated against the curve is shown in Figure 2.0 below.

Figure 2.0 - Typical Calibration Accuracy Report and Curve

Initial Calibration	Perfluorohexanoic acid (PFHxA) Results			MPFOA (ISTD)
Name	RT, mins	Final Conc.	Accuracy	Area
SEQ-CAL1 0.25 ng/mL	10.3302	0.23	90.4	366519
SEQ-CAL2 0.50 ng/mL	10.2801	0.48	95.7	351967
SEQ-CAL3 1.00 ng/mL	10.3886	0.95	95.1	366588
SEQ-CAL4 2.50 ng/mL	10.3886	2.57	102.7	352457
SEQ-CAL5 5.00 ng/mL	10.3886	5.26	105.1	353774
SEQ-CAL6 10.0 ng/mL	10.3886	10.01	100.1	361544
SEQ-CAL7 20.0 ng/mL	10.3552	19.76	98.8	307426
BLANK	ND	ND < 0.25)	NA	365583
SEQ-SCV1 5.0 ng/mL	10.2801	5.12	102.5	360505



9.2 ICV/QCS

A second-source Initial Calibration Verification must be run immediately following initial calibration. The concentration of this standard should be in the middle of the calibration range (e.g. 5.0 ng/mL). Unless project-specific data quality objectives are required, the values from the second-source check should be within 30% of the expected concentration.

> **Corrective Action**: Quantitative sample analyses should not proceed for a failing ICV. Recalibrate and re-run the ICV if necessary.

9.3 Continuing Calibration Verification

The first CCV must be at a level of 0.25 ng/mL (the RL level), followed by rotating mid-level (2.5-5.0 ng/mL) and high-level (10-20 ng/mL) CCVs every 10 client samples including a closing CCV.

The low level (MRL) CCV must be ± 50% of the true value (0.125-0.375 ng/mL). The mid-Level CCV must be ± 30% of the true value.

> **Corrective Action**: If any of the required calibration check criteria fail, the system must be evaluated and any appropriate instrument repair or maintenance must be performed. Sample data are unacceptable and must be rerun. Reinjection the standard may be done. If the calibration check standard still fails, the system must be recalibrated.

10. Quality Control

10.1 Initial Demonstration of Capability (IDOC)

The initial demonstration requirement of EPA 537.1 must be acceptable before analysis of samples may begin. The IDOC includes the

following key elements that are detailed in Sections 9.2.1 et seq. for EPA 537.1:

10.1.1 Initial Demonstration of Branched vs. Linear Isomer profile for PFOA

10.1.2 Initial Demonstration of Low system background

10.1.3 Initial Demonstration of Precision

10.1.4 Initial Demonstration of Accuracy

10.1.5 Initial Demonstration of Asymmetry Factor

10.1.6 MRL Confirmation

10.1.7 MDL Determination (initial and on-going). This is detailed in Section 10.1.7.1 below.

10.1.7.1 MDL Determination-Spike at 4 ng/L

MDL Determination –In order to perform the MDL study, 7 total extractions are performed on 3 different days (Extraction day 1= 3 LRBs and 3 LFBs); Extraction day 2 is 2 of each, and Extraction day 3 is also 2 of each). Once extracted, the analyses are conducted on 3 separate days (we use only QQQ1 so all runs are on that system). The MDL is determined according to the EPA MDL protocol defined in Definition and Procedure of the Determination of the Method Detection Limit, Revision 2 Dec. 2016 as detailed below:

Make all computations as specified in the analytical method and express the final results in the method-specified reporting units.

Calculate the sample standard deviation (SD) of the replicate spiked sample measurements and the sample standard deviation of the replicate method blank measurements from all instruments to which the MDL will be applied.

Compute the MDLs (the MDL based on spiked samples) as follows:

MDL_s = 3.143 x SD (for seven replicates; SD = Standard Deviation)

Compute the MDLb (MDL based on method blanks-LRBs) as follows:

- If none of the blanks give numerical results then the MDLb does not apply
- If only some of the blanks (but not all) give a result, set the MDLb to the highest result found
- If ALL method blanks show a detections then use the following calculation to determine MDLb:

MDLb = Average of Blank Detections + (3.143 x Std. Dev.)

Calculate the final MDL by selecting the greater of MDLs or MDLb.

10.2 Batches are defined at the sample preparation step. Batches should be kept together through the whole analytical process as far as possible, but it is not mandatory to analyze prepared extracts on the same instrument or in the same sequence.

10.2.1 The quality control batch is a set of up to 20 samples of the same matrix processed using the same procedure and reagents within the same time period. The quality control batch must contain a matrix spike/matrix spike duplicate (MS/MSD), a laboratory control sample (LCS) and a method blank. Laboratory generated QC samples (Blank, LCS, MS/MSD) do not count toward the maximum 20 samples in a batch. Field QC samples are included in the batch count. In some cases, at client request, the MS/MSD may be replaced with a matrix spike and sample duplicate. If insufficient sample is available for an MS/MSD, an LCSD may be substituted if batch precision is required by the program or client. In the event that multiple MS/MSDs are run with a batch due to client requirements, the additional MS/MSDs do not count toward the maximum 20 samples in a batch.

10.3 METHOD BLANK- One method blank (MB, laboratory reagent blank) must be extracted with every process batch of similar matrix, not to exceed twenty (20) samples. For aqueous samples, the method blank is an aliquot of laboratory reagent water. For solid samples, the method blank is an aliquot of Ottawa sand. The method blank is processed in the same manner and at the

same time as the associated samples. Corrective actions must be documented on a Non-Conformance memo, and then implemented when target analytes are detected in the method blank above the reporting limit or when IDA recoveries are outside of the control limits. Re-extraction of the blank, other batch QC, and the affected samples are required when the method blank is deemed unacceptable.

10.3.1 If the MB produces a peak within the retention time window of any of the analytes, determine the source of the contamination and eliminate the interference before processing samples.

10.3.2 The method blank must not contain any analyte at or above 1/3 the reporting limit- for EPA 537.1 potable waters.

10.3.3 If there is no target analyte greater than the RL in the samples associated with an unacceptable method blank, the data may be reported with qualifiers. Such action should be taken in

consultation with the client.

10.3.4 Re-extraction and reanalysis of samples associated with an unacceptable method blank is required when reportable concentrations are determined in the samples.

10.3.5 Results are acceptable if the blank contamination is less than ½ of the reporting limit/LOQ for each analyte, or less than 1/10 of the regulatory limit, or less than 1/10 of the sample result for the same analyte, whichever is greater. If the method blank does not meet the acceptance criteria, the source of contamination must be investigated and measures taken to correct, minimize or eliminate the problem. Reprepare and reanalyze all field and QC samples associated with the contaminated method blank.

10.4 LABORATORY CONTROL SAMPLE (LCS) must be extracted with every process batch of similar matrix, not to exceed twenty (20) samples. The LCS is an aliquot of laboratory matrix (e.g. water for aqueous samples and Ottawa sand for solids) spiked with analytes of known identity and concentration. The LCS must be processed in the same manner and at the same time as the associated samples. Corrective actions must be documented on a Non-Conformance memo, then implemented when recoveries of any spiked analyte is outside of the control limits. Re-extraction of the blank, other batch QC, and all associated samples are required if the LCS is deemed unacceptable. The control limits for the LCS are stored in Element unless the method preempts this (537 limits).

10.5 A matrix spike/matrix spike duplicate (MS/MSD or MS/SD) pair must be extracted with every process batch of similar matrix, not to exceed twenty (20) samples. An MS/MSD pair is aliquots of a selected field sample spiked with analytes of known identity and concentration. The MS/MSD pair must be processed in the same manner and at the same time as the associated samples. Spiked analytes with recoveries or precision outside of the control limits must be within the control limits in the LCS. Corrective actions must be documented on a nonconformance memo, then implemented when recoveries of any spiked analyte are outside of the control limits provided by ELEMENT or by the client. Again if a specific method has required limits, this is preempted. Any outliers must be qualified accordingly.

10.6 A duplicate control sample (LCSD or DCS) may be added when insufficient sample volume is provided to process an MS/MSD pair, or is requested by the client. The LCSD is evaluated in the same manner as the LCS.

10.7 Initial calibration verification (ICV) –A second source standard is analyzed with the initial calibration curve. The concentration should be at the mid range of

the curve and must recover within 80-120 % of expected value.

Corrective actions for the ICV include:

- Rerun the ICV.
- Remake or acquire a new ICV.
- Evaluate the instrument conditions.
- Evaluate the initial calibration standards.
- Rerun the initial calibration.

10.8 Internal Standard- The Internal Standard (IS) is added to each field and QC sample prior to analysis. The IS response (peak area) must not deviate by more than 50% from the average response (peak area) of the initial calibration.

10.8.1 Sample IS response (peak area) must be within 70-140% of the response (peak area) in the most recent CCV.

10.9 Specific QC requirements for EPA Method 537.1 are detailed in Table 1.0 as follows.

Table 1.0 QC Criteria-EPA 537.1

Requirement	Specification and Frequency	Acceptance Criteria
Sample Holding Time	14 days with appropriate preservation and storage as described in Sections 8.1-8.5.	Sample results are valid only if samples are extracted within sample hold time.
Extract Holding Time	28 days when stored room temp. in polypropylene centrifuge tubes	Sample results are valid only if extracts are analyzed within extract hold time.
Laboratory Reagent Blank (LRB)	One MBLK with each extraction batch of up to 20 Field Samples.	Demonstrate that the method analyte concentration < 1/3 the MRL, and confirm that possible interferences do not prevent quantification. If the background concentration exceeds 1/3 the MRL, results for the extraction batch are invalid.
Laboratory Fortified Blank (LFB)	One LFB is required for each extraction batch of up to 20 Field Samples. Rotate between low, mid, high levels	Results of LFB analyses at medium and High fortification for the analyte and SUR. Results of a low-level LFB must be 50-150% of the true value.
Internal Standard (IS)	Compare IS area to the average IS area in the initial calibration and the most recent CCC.	Peak area counts for all injections must be within ± 50% of the average peak area calculated during the initial cal. and 70–140% from the most recent CCC. If the IS does not meet this criterion, target analyte results are invalid.
Surrogate(SUR) Standard	The SUR standard added to all calibration standards and samples, including QC samples. Calculate SUR recoveries.	SUR recovery must be 70-130% of the true value. If a SUR fails this criterion, report all results for sample as suspect/SUR recovery with appropriate qualifier.

Sample Matrix Spike (LFSM)	Analyze one MS per extraction batch (of up to 20 Field Samples) fortified target analytes. Calculate LFSM recoveries.	Recoveries at mid-high levels should be 70-130%. For low level LFSM 50-150% is acceptance range. Qualify any outliers using appropriate flags.
MSD (LFSMD) or Field Duplicates (FD)	Extract at least one FD or LFSMD with each extraction batch of 20 field samples or less. Calculate RPD.	RPD should be ≤30% at mid-high spike levels and at low levels ≤ 50% RPD. If not met, qualify data accordingly.
Field Reagent Blank (FRB)	Required when any target analyte is detected above the MRL. Processed as a sample.	IF any target analyte is detected at > 1/3 the MRL, all samples collected are invalid and must be recollected/reanalyzed.
Peak Asymmetry Factor	Calc. this factor each time a new ICAL is done by evaluating the 1st two chromatographic peaks in the mid point of the curve.	The Peak asymmetry factor must be 0.8-1.5-Agilent Mass Hunter calculates this as a Symmetry Factor
Quality Control Sample (QCS)-SCV	Analyzed Quarterly or when preparing new standards as well as during initial demonstration.	70-130% of true value
Initial Calibration	Use ISTD technique first order or second order FORCED through zero (origin). Use minimum of 5 points or 6 points for 2nd order	When each standard is calculated against the curve, the accuracy should be 70-130%, except for the lowest standard which should be 50-150% of the true value.
Continuing Calibration Check (CCC) (or CCV)	Verify by running low std 1st then after every 10 runs, rotating between mid and high levels	Surrogates and analyte recovery 70-130% except for low level. For low level: 50-150% recovery for analytes and 70-130% recovery for surrogates.

10.10 Initial Demonstration of Capability (IDC)

Initial Demonstration of Capability involves the following processes listed ion Table 2.0 as follows.

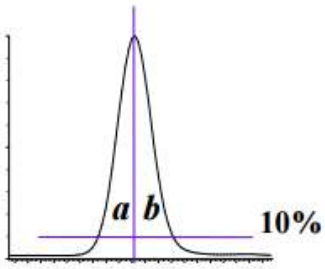
Table 2.0 - Initial Demonstration of Capability (IDC)

Requirement	**Specification**	**Acceptance Criteria**
Initial Demonstration of Low System Background *See EPA 537.1 Section 9.2.1*	Analyze LRB prior to any Other IDC steps	Demonstrate that all method analytes are < 1/3 MRL and possible interferences form extraction media do not prevent identification and quantification of method analytes.
Initial Demonstration of Precision (IDP) *See Section 9.2.2-*	Analyze 4-7 replicate LFBs at mid-cal level	%RSD must be < 20%
Initial Demonstration of Accuracy (IDA) *See Section 9.2.3-537.1*	Using the IDP runs above, Calc. average % Recovery	Mean Recovery ± 30% of true value

Initial Demonstration of Peak Asymmetry Factor	Calc. by evaluating the 1st two chromatographic peaks in the mid point of the curve. Equation in *Section 9.3.9 of EPA 537.1*	The Peak asymmetry factor must be 0.8-1.5 SEE FIGURE 3.0
Minimum Reporting Limit (MRL) Confirmation *See Section 9.2.5-537.1*	Fortify, extract and analyze seven replicates at the proposed MRL level. Calc. mean and the half range (HR). Confirm that the upper and lower limits for the prediction interval of result (Upper PIR and Lower PIR) meet recovery criteria.	Upper PIR $\leq$ 150% Lower PIR $\geq$ 50% SEE BELOW section 10.10.1 FOR CALCULATIONS

Figure 3.0 Peak Asymmetry Factor Determination

$$A_s = \frac{b}{a}$$



where:

A_s = peak asymmetry factor

B = width of the back half of the peak measured (at 10% peak height) from the trailing edge of the peak to a line dropped perpendicularly from the peak apex

a = the width of the front half of the peak measured (at 10% peak height) from the leading edge of the peak to a line dropped perpendicularly from the apex.

Agilent Mass Hunter performs this calculation automatically as shown below:

			Perfluorobutanesulfonic acid (PFBS) Results				MPFOS (ISTD)...		MPFHxA Results			
Acq. Date-Time	Dil.	Pos.	RT	Final Conc.	Accuracy	Symmetry	RT	Area	RT	Final Conc.	Accuracy	Symmetry
3/31/2021 7:06 PM	1.0	Vial 2	8.715	4.7078		1.17	13.954	96552	10.318	5.3196		1.40

10.10.1 MINIMUM REPORTING LEVEL (MRL) CONFIRMATION – Establish a target concentration for the MRL (0.25-0.5 ng/mL in extract- 1.0-2.0 ng/L in sample)for PFAS based on the intended use of the method. Fortify, extract, and analyze seven replicate LFBs at the proposed MRL concentration. Calculate the mean (*Mean*) and standard deviation for these replicates. Determine the Half Range for the prediction interval of results (*HRPIR*) using the equation below

$HR_{PIR} = 3.963S$

where *S* is the standard deviation, and 3.963 is the constant value for seven replicates.

NOTE: The mass spectrum (either SIM or full scan) for the method analyte in the LFBs must meet all the analyte identification criteria the MRL verification may not be performed on LFBs where only the base peak is observed. If during MRL confirmation all identification ions are not observed, the MRL selected is too low.

Confirm that the upper and lower limits for the Prediction Interval of Result (*PIR = Mean + HRPIR*) meet the upper and lower recovery limits as shown below.

The Upper PIR Limit must be ≤ 150% recovery.

$$\textit{Upper PIR Limit} = \frac{\textit{Mean} + \textit{HRPIR}}{\textit{Fortified Concentration}} \times 100\%$$

The Lower PIR Limit must be ≥ 50% recovery.

$$\textit{Lower PIR Limit} = \frac{\textit{Mean} - \textit{HRPIR}}{\textit{Fortified Concentration}} \times 100\%$$

The MRL is validated if both the Upper and Lower PIR Limits meet the criteria described above. If these criteria are not met, the MRL for PFAS has been set too low and must be re-evaluated at a higher concentration.

11.0 DATA REVIEW, CALCULATIONS AND REPORTING

Samples concentrations are determined using either or linear regression or quadratic regression FORCED through the origin. Weighted (1/x or $1/x^2$) may assist with low level accuracy and is recommended where necessary. All calibration curves have greater than 6 points and no points can be removed. Any target analyte exceeding the calibration range will require dilution.

11.1 Data interpretation

All sample data calculations are performed by the Agilent Mass Hunter software in ng/mL and then final data are calculated taking into account final extract volumes and the initial sample volumes extracted which are entered into the Element bench sheet.

11.2 Linear and Branched Isomers are addressed in Section 8.5 and are reported for the noted species as Total which is a sum of the linear and branched isomers for affected species.

12. HEALTH AND SAFETY

12.1 General safety considerations and requirements are detailed in the York Laboratory Safety and Health Standard Operating Procedure No. Safety011600.

Specific safety rules applying to the conduct of this analysis requiring the following:

- When handling standards and samples, latex gloves are required.
- Also, when handling neat materials, a fume hood and safety glasses are required.
- When handling samples, gloves and glasses are required.
- Highly odorous samples must be handled in a fume hood.
- Refer to SDSs for specific safety/health information.

12.2 The analysts must exercise normal care and be supervised and trained to work in an analytical chemistry laboratory. The analysts will be handling fragile glassware, needles, syringes, volatile and flammable chemicals, toxic chemicals and corrosive chemicals.

- No smoking or open flames are allowed.
- No food or food products may be brought into the laboratory.

Solvents should not be left uncovered on the laboratory benches.
All solvent transfers should be done in the hoods.

Hood doors must be kept in the position which yields approx. 100 fpm face velocity.
Solvent evaporation must be done in the hood with exhaust elevated and in the rear.

Waste containers that had solvents must be vented to a hood until all solvents have evaporated.

Safety glasses are provided and must be worn at all times in the laboratory.
Gloves are provided and must be worn when working with chemicals.
Laboratory coats are provided and should be worn to protect the analysts' clothes.
Syringes and needles must be kept in their original cases when not in use.
Care must be exercised in using and handling syringes to avoid injury.
Report any sticking with a needle immediately to your supervisor.

12.3 Specific Safety Concerns

12.3.1 Preliminary toxicity studies indicate that PFAS could have significant toxic effects. In the interest of keeping exposure levels as low as reasonably achievable, PFAS must be handled in the laboratory as hazardous and toxic chemicals.

12.3.2 Exercise caution when using syringes with attached filter disc assemblies. Application of excessive force has, upon occasion, caused a filter disc to burst during the process.

12.3.3 Laboratory procedures such as repetitive use of pipets, repetitive transferring of extracts and manipulation of filled separatory funnels and other glassware represent a significant potential for repetitive motion or other ergonomic injuries. Laboratory associates performing these procedures are in the best position to realize when they are at risk for these types of injuries.

12.3.4 Eye protection, laboratory coat, and nitrile gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated will be removed and discarded; other gloves will be cleaned immediately.

12.3.5 Perfluorocarboxylic acids are acids and are not compatible with strong bases.

12.3.6 Primary Materials Used- The following is a list of the materials used in this method, which have a serious or significant hazard rating. NOTE: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table. A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Methanol (2-3-0)	Flammable Poison Irritant	200 ppm (TWA)	A slight irritant to the mucous membranes. Toxic effects exerted upon nervous system, particularly the optic nerve. Symptoms of overexposure may include headache, drowsiness and dizziness. Methyl alcohol is a defatting agent and may cause skin to become dry and cracked. Skin absorption can occur; symptoms may parallel inhalation exposure. Irritant to the eyes.

13. WASTE MANAGEMENT/POLLUTION PREVENTION

Neat Materials

Waste management procedures require the prudent use of neat materials. The ordering of neat standards and materials must be done to minimize unused material which would result in storage or handling of excess material. Quantities ordered should be sufficient to provide for necessary standards with consideration to shelf life. When ordering a unique material for a standard, be sure to order the smallest practical quantity.

Solvents

The solvents used at York for this procedure include isopropanol and Methanol. These solvents are used for sample extraction or LC cleanup, All amounts are either consumed during concentration or placed in one liter amber jars in the hood areas for evaporation. Any remaining solvent/water is transferred to a drum designated for solvent waste.

Samples

Unused or remaining soil and water samples are returned to the sample control room for continued storage for proper disposal by the sample control group.

14. REFERENCES

1. US EPA, "Method 537.1 - Determination of Selected Per- and Polyfluorinated alkyl Substances in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometery (LC/MS/MS)", Version 1.0, November 2018, J.A. Shoemaker, P.E. Grimmett, B.K. Boutin, EPA Document #: EPA/600/R-18/352, and Version 2.0, March 2020 (the only updates were editorial and did not include any technical revisions).

2. Method ISO 25101:2009, "Determination of perfluorooctanesulfonate (PFOS) and perfluorooctanoate (PFOA) – Method for unfiltered samples using solid phase extraction and liquid chromatography/mass spectrometry", April 30, 2009.

3. EPA Technical Advisory-Laboratory Analysis of Drinking Water Samples for Perfluorooctanoic Acid (PFOA) using EPA Method 537 Rev. 1.1 EPA 815-B-16-021 September 2016

15. REVISION HISTORY

Revision 1.0	11/25/2018	First issue.
Revision 1.1	01/09/2019	Modified Cover page
Revision 1.2	03/30/2021	Modified Stds prep. Section 7 to reflect updated procedures
Revision 1.3	04/22/2021	Modified Reference 1 to reflect EPA 537.1

Attachment 1 -HPLC Method Parameters

Acquisition Method Report

	Channel	Name 1	Name 2	Selected	Used	Percent
1	A	Water 5mM ammonium acetate		Ch. 1	Yes	10.0 %
2	B	95% MeOH 5mM ammonium acetate		Ch. 1	Yes	90.0 %

Timetable

	Time	A	B	Flow
1	0.50 min	90.0 %	10.0 %	--- mL/min
2	2.00 min	70.0 %	30.0 %	--- mL/min
3	14.00 min	5.0 %	95.0 %	--- mL/min
4	14.50 min	0.0 %	100.0 %	--- mL/min

Name: Column Comp. **Module:** G7116A

Left Temperature Control	
Temperature Control Mode	Temperature Set
Temperature	50.0 °C
Enable Analysis Left Temperature	
Enable Analysis Left Temperature On	Yes
Enable Analysis Left Temperature Value	0.8 °C
Left Temp. Equilibration Time	1.0 min
Right Temperature Control	
Right temperature Control Mode	Temperature Set
Right temperature	50.0 °C
Enable Analysis Right Temperature	
Enable Analysis Right Temperature On	Yes
Enable Analysis Right Temperature Value	0.8 °C
Right Temp. Equilibration Time	1.0 min
Enforce column for run	
Enforce column for run enabled	No
Stop Time	
Stoptime Mode	As pump/injector
Post Time	
Posttime Mode	Off
Timetable	
Valve Position	Position 1 (Port 1 -> 1')
Position Switch After Run	Do not switch

Attachment 2 - Triple Quadrupole Acquisition Method

Acquisition Method Report

Acquisition Method Info

Method Name	EPA537.1_041720_ACQ.m
Method Path	D:\MassHunter\Methods\EPA537.1_041720_ACQ.m
Method Description	Target PFAS Acquisiton EPA537.1 PW

Device List

Multisampler
Binary Pump
Column Comp.
QQQ

MS QQQ Mass Spectrometer

Ion Source	AJS ESI	**Tune File**	D:\MassHunter\Tune\QQQ\G6470A \Autotune_20210106_152612\atunes_20 210106_154847.TUNE.XML
Stop Mode	No Limit/As Pump	**Stop Time (min)**	1
Time Filter	On	**Time Filter Width (min)**	0.07
LC->Waste Pre Row	N/A	**LC->Waste Post Row**	N/A

Time Segments

Index	Start Time (min)	Scan Type	Ion Mode	Div Valve	Delta EMV	Store	Cycle Time (ms)	Triggered?	MRM Repeats
1	0	DynamicMRM	ESI+Agilent Jet Stream	To MS	325	Yes	500	No	3

Time Segment 1

Scan Segments

Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Frag (V)	CE (V)	Cell Acc (V)	Ret Time (min)	Ret Window	Polarity
11CL-PF3OUdS	No	630.89	Unit/Enh (6490)	450.7	Unit/Enh (6490)	170	33	4	15.711	3	Negative
9CL-PF3ONS	No	530.89	Unit/Enh (6490)	350.7	Unit/Enh (6490)	175	29	4	14.471	3	Negative
ADONA	No	376.97	Unit/Enh (6490)	250.8	Unit/Enh (6490)	103	9	4	12.108	3	Negative
ADONA	No	376.97	Unit/Enh (6490)	84.9	Unit/Enh (6490)	103	37	4	12.108	3	Negative
d3-N-MeFOSAA	Yes	572.99	Unit/Enh (6490)	418.7	Unit/Enh (6490)	146	21	4	15.092	3	Negative
d5-N-EtFOSAA	No	589.02	Unit/Enh (6490)	530.8	Unit/Enh (6490)	156	21	4	15.427	3	Negative
d5-N-EtFOSAA	No	588.99	Unit/Enh (6490)	418.8	Unit/Enh (6490)	156	21	4	15.427	3	Negative
HFPO-DA (GenX)	No	285	Unit/Enh (6490)	169	Unit/Enh (6490)	100	20	4	11.076	3	Negative
M2PFOA	Yes	414.99	Unit/Enh (6490)	369.8	Unit/Enh (6490)	84	9	4	13.067	3	Negative
M3HFPO-DA	No	287	Unit/Enh (6490)	169	Unit/Enh (6490)	100	20	4	11.075	3	Negative
MPFDA	No	514.99	Unit/Enh (6490)	469.8	Unit/Enh (6490)	78	9	4	14.774	3	Negative
MPFHxA	No	314.99	Unit/Enh (6490)	269.8	Unit/Enh (6490)	88	5	4	10.601	3	Negative
MPFOS	Yes	502.99	Unit/Enh (6490)	79.8	Unit/Enh (6490)	180	40	4	14.009	3	Negative
N-EtFOSAA	No	584	Unit/Enh (6490)	525.9	Unit/Enh (6490)	130	20	4	15.436	3	Negative
N-EtFOSAA	No	584	Unit/Enh (6490)	418.8	Unit/Enh (6490)	130	20	4	15.436	3	Negative
N-MeFOSAA	No	570	Unit/Enh (6490)	511.9	Unit/Enh (6490)	150	20	4	15.101	3	Negative
N-MeFOSAA	No	570	Unit/Enh (6490)	418.9	Unit/Enh (6490)	150	20	4	15.101	3	Negative
Perfluorobutanesulfonic acid (PFBS)	No	298.9	Unit/Enh (6490)	79.9	Unit/Enh (6490)	150	36	4	9.091	3	Negative
Perfluorodecanoic acid (PFDA)	No	513	Unit/Enh (6490)	468.8	Unit/Enh (6490)	90	8	4	14.775	3	Negative
Perfluorodecanoic acid (PFDA)	No	513	Unit/Enh (6490)	268.8	Unit/Enh (6490)	90	16	4	14.775	3	Negative

Report generation date: 05-Apr-2021 07:54:20 AM

Acquisition Method Report

Cpd Name	ISTD?	Prec Ion	MS1 Res	Prod Ion	MS2 Res	Frag (V)	CE (V)	Cell Acc (V)	Ret Time (min)	Ret Window	Polarity
Perfluorododecanoic acid (PFDoA)	No	613	Unit/Enh (6490)	568.8	Unit/Enh (6490)	90	12	4	15.964	3	Negative
Perfluorododecanoic acid (PFDoA)	No	613	Unit/Enh (6490)	168.7	Unit/Enh (6490)	90	28	4	15.964	3	Negative
Perfluoroheptanoic acid (PFHpA)	No	363	Unit/Enh (6490)	318.8	Unit/Enh (6490)	90	8	4	11.968	3	Negative
Perfluoroheptanoic acid (PFHpA)	No	363	Unit/Enh (6490)	168.9	Unit/Enh (6490)	90	16	4	11.968	3	Negative
Perfluorohexanesulfonic acid (PFHxS)	No	398.9	Unit/Enh (6490)	98.9	Unit/Enh (6490)	150	40	4	12.015	3	Negative
Perfluorohexanesulfonic acid (PFHxS)	No	398.9	Unit/Enh (6490)	79.9	Unit/Enh (6490)	150	44	4	12.015	3	Negative
Perfluorohexanoic acid (PFHxA)	No	313	Unit/Enh (6490)	268.9	Unit/Enh (6490)	70	4	4	10.595	3	Negative
Perfluorohexanoic acid (PFHxA)	No	313	Unit/Enh (6490)	119	Unit/Enh (6490)	70	20	4	10.595	3	Negative
Perfluorononanoic acid (PFNA)	No	463	Unit/Enh (6490)	418.8	Unit/Enh (6490)	90	8	4	14.002	3	Negative
Perfluorononanoic acid (PFNA)	No	463	Unit/Enh (6490)	218.8	Unit/Enh (6490)	90	16	4	14.002	3	Negative
Perfluorooctanesulfonic acid (PFOS)	No	498.9	Unit/Enh (6490)	98.9	Unit/Enh (6490)	150	44	4	14.01	3	Negative
Perfluorooctanesulfonic acid (PFOS)	No	498.9	Unit/Enh (6490)	79.9	Unit/Enh (6490)	150	84	4	14.01	3	Negative
Perfluorooctanoic acid (PFOA)	No	413	Unit/Enh (6490)	368.8	Unit/Enh (6490)	90	8	4	13.067	3	Negative
Perfluorooctanoic acid (PFOA)	No	413	Unit/Enh (6490)	168.9	Unit/Enh (6490)	90	16	4	13.067	3	Negative
Perfluorotetradecanoic acid (PFTA)	No	713	Unit/Enh (6490)	669	Unit/Enh (6490)	110	12	4	16.843	3	Negative
Perfluorotetradecanoic acid (PFTA)	No	713	Unit/Enh (6490)	168.8	Unit/Enh (6490)	110	28	4	16.843	3	Negative
Perfluorotridecanoic acid (PFTrDA)	No	663	Unit/Enh (6490)	618.8	Unit/Enh (6490)	90	12	4	16.433	3	Negative
Perfluoroundecanoic acid (PFUnA)	No	563	Unit/Enh (6490)	519	Unit/Enh (6490)	90	8	4	15.421	3	Negative
Perfluoroundecanoic acid (PFUnA)	No	563	Unit/Enh (6490)	169	Unit/Enh (6490)	90	24	4	15.421	3	Negative

Scan Parameters

Data Stg	Threshold
Centroid	0

Report generation date: 05-Apr-2021 07:54:20 AM

Acquisition Method Report

Source Parameters

Parameter	Value (+)	Value (-)
Gas Temp (°C)	230	230
Gas Flow (l/min)	5	5
Nebulizer (psi)	15	15
SheathGasHeater	350	350
SheathGasFlow	12	12
Capillary (V)	3500	2500
VCharging	500	0

Chromatograms

Chrom Type	Label	Offset	Y-Range
TIC	TIC	0	10000000

Instrument Curves

Actual

Name: Multisampler	Module: G7167A
Sampling Speed	
Draw Speed	100.0 µL/min
Eject Speed	400.0 µL/min
Wait Time After Drawing	1.2 s
Injection	
Needle Wash Mode	Standard Wash
Injection Volume	5.00 µL
Standard Needle Wash	
Needle Wash Mode	Flush Port
Duration	10 s
High Throughput	
Injection Valve to Bypass for Delay Volume Reduction	No
Sample Flush-Out Factor	5.0
Overlapped Injection	
Overlap Injection Enabled	No
Needle Height Position	
Draw Position Offset	1.5 mm
Use Vial/Well Bottom Sensing	Yes
Stop Time	
Stoptime Mode	No Limit
Post Time	
Posttime Mode	Off

Name: Binary Pump	Module: G7112B
Flow	0.400 mL/min
Use Solvent Types	No
Low Pressure Limit	0.00 bar
High Pressure Limit	600.00 bar
Maximum Flow Gradient	100.000 mL/min²
Stroke A	
Automatic Stroke Calculation A	Yes
Stroke B	
Automatic Stroke Calculation B	Yes
Compress A	
Compressibility Mode A	Compressibility Value Set
Compressibility A	70 10e-6/bar
Compress B	
Compressibility Mode B	Compressibility Value Set
Compressibility B	90 10e-6/bar
Stop Time	
Stoptime Mode	Time set

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Attachment E
ELAP Certification
(York Analytical Laboratories, Inc.)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2024
Issued April 01, 2023

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. KRZYSZTOF TRAFALSKI
YORK ANALYTICAL LABORATORIES, INC. (II)
132-02 89TH AVENUE SUITE 217
RICHMOND HILL, NY 11418

NY Lab Id No: 12058

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:

Acrylates	
Acrylonitrile	EPA TO-15
Methyl methacrylate	EPA TO-15
Chlorinated Hydrocarbons	
1,2,4-Trichlorobenzene	EPA TO-15
Hexachlorobutadiene	EPA TO-15
Hexachloroethane	EPA TO-15
Purgeable Aromatics	
1,2,4-Trimethylbenzene	EPA TO-15
1,2-Dichlorobenzene	EPA TO-15
1,3,5-Trimethylbenzene	EPA TO-15
1,3-Dichlorobenzene	EPA TO-15
1,4-Dichlorobenzene	EPA TO-15
Benzene	EPA TO-15
Chlorobenzene	EPA TO-15
Ethyl benzene	EPA TO-15
Isopropylbenzene	EPA TO-15
m/p-Xylenes	EPA TO-15
o-Xylene	EPA TO-15
Styrene	EPA TO-15
Toluene	EPA TO-15
Total Xylenes	EPA TO-15
Purgeable Halocarbons	
1,1,1-Trichloroethane	EPA TO-15
1,1,2,2-Tetrachloroethane	EPA TO-15
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-15
1,1,2-Trichloroethane	EPA TO-15

Serial No.: 67328

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Purgeable Halocarbons

1,1-Dichloroethane	EPA TO-15
1,1-Dichloroethene	EPA TO-15
1,2-Dibromoethane	EPA TO-15
1,2-Dichloroethane	EPA TO-15
1,2-Dichloropropane	EPA TO-15
3-Chloropropene (Allyl chloride)	EPA TO-15
Bromodichloromethane	EPA TO-15
Bromoform	EPA TO-15
Bromomethane	EPA TO-15
Carbon tetrachloride	EPA TO-15
Chloroethane	EPA TO-15
Chloroform	EPA TO-15
Chloromethane	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-15
cis-1,3-Dichloropropene	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane	EPA TO-15
Methylene chloride	EPA TO-15
Tetrachloroethene	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-15
trans-1,3-Dichloropropene	EPA TO-15
Trichloroethene	EPA TO-15
Trichlorofluoromethane	EPA TO-15
Vinyl bromide	EPA TO-15
Vinyl chloride	EPA TO-15

Volatile Chlorinated Organics

Benzyl chloride	EPA TO-15

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Volatile Organics

1,2-Dichlorotetrafluoroethane	EPA TO-15
1,3-Butadiene	EPA TO-15
1,4-Dioxane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
4-Methyl-2-Pentanone	EPA TO-15
Acetone	EPA TO-15
Carbon Disulfide	EPA TO-15
Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Isopropanol	EPA TO-15
Methyl tert-butyl ether	EPA TO-15
n-Heptane	EPA TO-15
Vinyl acetate	EPA TO-15

NEW YORK STATE | Department of Health

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MS. CATHERINE L. MOSHER
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Acrylates

Acrolein (Propenal)	EPA 8260D
	EPA 8260C
	EPA 624.1
Acrylonitrile	EPA 8260D
	EPA 8260C
	EPA 624.1
Methyl methacrylate	EPA 8260D
	EPA 8260C

Amines

1,2-Diphenylhydrazine	EPA 8270D
	EPA 8270E
2-Nitroaniline	EPA 8270D
	EPA 8270E
3-Nitroaniline	EPA 8270D
	EPA 8270E
4-Chloroaniline	EPA 8270D
	EPA 8270E
4-Nitroaniline	EPA 8270D
	EPA 8270E
Aniline	EPA 625.1
	EPA 8270D
	EPA 8270E
Carbazole	EPA 625.1
	EPA 8270D
	EPA 8270E
Diphenylamine	EPA 8270D
	EPA 8270E

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Amines

Pyridine	EPA 625.1
	EPA 8270D
	EPA 8270E

Benzidines

3,3'-Dichlorobenzidine	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzidine	EPA 625.1
	EPA 8270D
	EPA 8270E

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 8081B
	EPA 608.3
4,4'-DDE	EPA 8081B
	EPA 608.3
4,4'-DDT	EPA 8081B
	EPA 608.3
Aldrin	EPA 8081B
	EPA 608.3
alpha-BHC	EPA 8081B
	EPA 608.3
alpha-Chlordane	EPA 8081B
beta-BHC	EPA 8081B
	EPA 608.3
Chlordane Total	EPA 8081B
	EPA 608.3

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Chlorinated Hydrocarbon Pesticides

delta-BHC	EPA 8081B
	EPA 608.3
Dieldrin	EPA 8081B
	EPA 608.3
Endosulfan I	EPA 8081B
	EPA 608.3
Endosulfan II	EPA 8081B
	EPA 608.3
Endosulfan sulfate	EPA 8081B
	EPA 608.3
Endrin	EPA 8081B
	EPA 608.3
Endrin aldehyde	EPA 8081B
	EPA 608.3
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
	EPA 608.3
Heptachlor epoxide	EPA 8081B
	EPA 608.3
Lindane	EPA 8081B
	EPA 608.3
Methoxychlor	EPA 8081B
	EPA 608.3
Mirex	EPA 8081B
Toxaphene	EPA 8081B
	EPA 608.3

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Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260D
	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
	EPA 8270E
1,2,4-Trichlorobenzene	EPA 625.1
	EPA 8270D
	EPA 8270E
2-Chloronaphthalene	EPA 625.1
	EPA 8270D
	EPA 8270E
Hexachlorobenzene	EPA 8270D
	EPA 8270E
Hexachlorobutadiene	EPA 625.1
	EPA 8270D
	EPA 8270E
Hexachlorocyclopentadiene	EPA 625.1
	EPA 8270D
	EPA 8270E
Hexachloroethane	EPA 625.1
	EPA 8270D
	EPA 8270E
Pentachlorobenzene	EPA 8270D
	EPA 8270E

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
	SM 6640B-2006

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All approved analytes are listed below:

Chlorophenoxy Acid Pesticides

2,4-D	EPA 8151A
Dicamba	EPA 8151A

Demand

Biochemical Oxygen Demand	SM 5210B-2016
Carbonaceous BOD	SM 5210B-2016
Chemical Oxygen Demand	SM 5220D-2011

Fuel Oxygenates

Di-isopropyl ether	EPA 8260D
	EPA 8260C
Ethanol	EPA 8260D
	EPA 8260C
Methyl tert-butyl ether	EPA 8260D
	EPA 8260C
tert-amyl alcohol	EPA 8260D
	EPA 8260C
tert-amyl methyl ether (TAME)	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
tert-butyl ethyl ether (ETBE)	EPA 8260D
	EPA 8260C

Haloethers

2,2'-Oxybis(1-chloropropane)	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Bromophenylphenyl ether	EPA 625.1

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All approved analytes are listed below:

Haloethers

4-Bromophenylphenyl ether	EPA 8270D
	EPA 8270E
4-Chlorophenylphenyl ether	EPA 625.1
	EPA 8270D
	EPA 8270E
Bis(2-chloroethoxy)methane	EPA 625.1
	EPA 8270D
	EPA 8270E
Bis(2-chloroethyl)ether	EPA 625.1
	EPA 8270D
	EPA 8270E

Low Level Halocarbons

1,2,3-Trichloropropane, Low Level	EPA 8011
1,2-Dibromo-3-chloropropane, Low Le	EPA 8011
1,2-Dibromoethane, Low Level	EPA 8011

Low Level Polynuclear Aromatics

Acenaphthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Acenaphthylene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Anthracene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(a)anthracene Low Level	EPA 8270D

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All approved analytes are listed below:

Low Level Polynuclear Aromatics

Benzo(a)anthracene Low Level	EPA 8270E
	EPA 8270E SIM
Benzo(a)pyrene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(b)fluoranthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(g,h,i)perylene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(k)fluoranthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Chrysene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Dibenzo(a,h)anthracene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Fluoranthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Fluorene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Indeno(1,2,3-cd)pyrene Low Level	EPA 8270D

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MS. CATHERINE L. MOSHER
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Low Level Polynuclear Aromatics

Indeno(1,2,3-cd)pyrene Low Level	EPA 8270E
	EPA 8270E SIM
Naphthalene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Phenanthrene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Pyrene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM

Metals I

Barium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Cadmium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Calcium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Chromium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

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WADSWORTH CENTER

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Metals I

Chromium, Total	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Copper, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Iron, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Lead, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Magnesium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Manganese, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

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Metals I

Manganese, Total	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Nickel, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Potassium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Silver, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Sodium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Metals II

Aluminum, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B

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Metals II

Aluminum, Total	EPA 200.8, Rev. 5.4 (1994)
Antimony, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Arsenic, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Beryllium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Chromium VI	EPA 7196A
	SM 3500-Cr B-2011
Mercury, Total	EPA 245.1, Rev. 3.0 (1994)
	EPA 245.2 (Issued 1974, Rev. 1983)
	EPA 7470A
	EPA 7473
Vanadium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C

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Metals II

Vanadium, Total	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Zinc, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Metals III

Cobalt, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Molybdenum, Total	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Thallium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Tin, Total	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Titanium, Total	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)

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Mineral

Alkalinity	SM 2320B-2011
Calcium Hardness	EPA 200.7, Rev. 4.4 (1994)
Chloride	EPA 300.0, Rev. 2.1 (1993)
Fluoride, Total	EPA 300.0, Rev. 2.1 (1993)
Hardness, Total	SM 2340B-2011
Sulfate (as SO4)	EPA 300.0, Rev. 2.1 (1993)

Miscellaneous

Boron, Total	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Bromide	EPA 300.0, Rev. 2.1 (1993)
Color	SM 2120B-2011
Cyanide, Total	SM 4500-CN E-2016
Phenols	EPA 420.1 (Rev. 1978)
Specific Conductance	EPA 120.1 (Rev. 1982)
Sulfide (as S)	SM 4500-S2- F-2011
Surfactant (MBAS)	SM 5540C-2011
Turbidity	EPA 180.1, Rev. 2.0 (1993)

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 625.1
	EPA 8270D
	EPA 8270E
2,6-Dinitrotoluene	EPA 625.1
	EPA 8270D
	EPA 8270E
Isophorone	EPA 625.1
	EPA 8270D

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Nitroaromatics and Isophorone

Isophorone	EPA 8270E
Nitrobenzene	EPA 625.1
	EPA 8270D
	EPA 8270E

Nitrosoamines

N-Nitrosodimethylamine	EPA 625.1
	EPA 8270D
	EPA 8270E
N-Nitrosodi-n-propylamine	EPA 625.1
	EPA 8270D
	EPA 8270E
N-Nitrosodiphenylamine	EPA 625.1
	EPA 8270D
	EPA 8270E

Nutrient

Ammonia (as N)	SM 4500-NH3 D-2011 or E-2011
Kjeldahl Nitrogen, Total	SM 4500-N Org D-2011
	SM 4500-NH3 D-2011 or E-2011
Nitrate (as N)	EPA 300.0, Rev. 2.1 (1993)
Nitrate-Nitrite (as N)	EPA 300.0, Rev. 2.1 (1993)
Nitrite (as N)	EPA 300.0, Rev. 2.1 (1993)
Orthophosphate (as P)	EPA 300.0, Rev. 2.1 (1993)
	SM 4500-P E-2011

Organophosphate Pesticides

Atrazine	EPA 8270D
	EPA 8270E

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Organophosphate Pesticides	
Parathion ethyl	EPA 8270D
	EPA 8270E
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015D
Gasoline Range Organics	EPA 8015D
Phthalate Esters	
Benzyl butyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Bis(2-ethylhexyl) phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Diethyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Dimethyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Di-n-butyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Di-n-octyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Polychlorinated Biphenyls	
Aroclor 1016 (PCB-1016)	EPA 8082A

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Polychlorinated Biphenyls

Aroclor 1016 (PCB-1016)	EPA 608.3
Aroclor 1221 (PCB-1221)	EPA 8082A
	EPA 608.3
Aroclor 1232 (PCB-1232)	EPA 8082A
	EPA 608.3
Aroclor 1242 (PCB-1242)	EPA 8082A
	EPA 608.3
Aroclor 1248 (PCB-1248)	EPA 8082A
	EPA 608.3
Aroclor 1254 (PCB-1254)	EPA 8082A
	EPA 608.3
Aroclor 1260 (PCB-1260)	EPA 8082A
	EPA 608.3
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A

Polynuclear Aromatics

Acenaphthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Acenaphthylene	EPA 625.1
	EPA 8270D
	EPA 8270E
Anthracene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(a)anthracene	EPA 625.1
	EPA 8270D

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Polynuclear Aromatics

Benzo(a)anthracene	EPA 8270E
Benzo(a)pyrene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(b)fluoranthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(g,h,i)perylene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(k)fluoranthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Chrysene	EPA 625.1
	EPA 8270D
	EPA 8270E
Dibenzo(a,h)anthracene	EPA 625.1
	EPA 8270D
	EPA 8270E
Fluoranthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Fluorene	EPA 625.1
	EPA 8270D
	EPA 8270E
Indeno(1,2,3-cd)pyrene	EPA 625.1
	EPA 8270D

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Polynuclear Aromatics

Indeno(1,2,3-cd)pyrene	EPA 8270E
Naphthalene	EPA 625.1
	EPA 8270D
	EPA 8270E
Phenanthrene	EPA 8270D
	EPA 8270E
Pyrene	EPA 625.1
	EPA 8270D
	EPA 8270E

Priority Pollutant Phenols

2,3,4,6 Tetrachlorophenol	EPA 8270D
	EPA 8270E
2,4,5-Trichlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4,6-Trichlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4-Dichlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4-Dimethylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4-Dinitrophenol	EPA 8270D
	EPA 8270E
2-Chlorophenol	EPA 625.1

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Priority Pollutant Phenols

2-Chlorophenol	EPA 8270D
	EPA 8270E
2-Methyl-4,6-dinitrophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2-Methylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2-Nitrophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Chloro-3-methylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Methylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Nitrophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
Cresols, Total	EPA 8270D
	EPA 8270E
Pentachlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
Phenol	EPA 625.1
	EPA 8270D

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Priority Pollutant Phenols	
Phenol	EPA 8270E
Residue	
Settleable Solids	SM 2540 F-2015
Solids, Total	SM 2540 B-2015
Solids, Total Dissolved	SM 2540 C-2015
Solids, Total Suspended	SM 2540 D-2015
Semi-Volatile Organics	
1,1'-Biphenyl	EPA 8270D
	EPA 8270E
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D
	EPA 8270E
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
	EPA 8270E
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
	EPA 8270E
2-Methylnaphthalene	EPA 8270D
	EPA 8270E
Acetophenone	EPA 8270D
	EPA 8270E
alpha-Terpineol	EPA 625.1
	EPA 8270E
Benzaldehyde	EPA 8270D
	EPA 8270E
Benzoic Acid	EPA 8270D
	EPA 8270E
Benzyl alcohol	EPA 8270D

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CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. CATHERINE L. MOSHER
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Semi-Volatile Organics

Benzyl alcohol	EPA 8270E
Caprolactam	EPA 8270D
	EPA 8270E
Dibenzofuran	EPA 8270D
	EPA 8270E

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260D
	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,2-Dichlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
1,3,5-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,3-Dichlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
1,4-Dichlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
2-Chlorotoluene	EPA 8260D
	EPA 8260C
4-Chlorotoluene	EPA 8260D
	EPA 8260C
Benzene	EPA 8260D
	EPA 8260C

Serial No.: 67519

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WADSWORTH CENTER

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Volatile Aromatics

Benzene	EPA 624.1
Bromobenzene	EPA 8260D
	EPA 8260C
Chlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
Ethyl benzene	EPA 8260D
	EPA 8260C
	EPA 624.1
Isopropylbenzene	EPA 8260D
	EPA 8260C
m/p-Xylenes	EPA 8260D
	EPA 8260C
	EPA 624.1
Naphthalene, Volatile	EPA 8260D
	EPA 8260C
n-Butylbenzene	EPA 8260D
	EPA 8260C
n-Propylbenzene	EPA 8260D
	EPA 8260C
o-Xylene	EPA 8260D
	EPA 8260C
	EPA 624.1
p-Isopropyltoluene (P-Cymene)	EPA 8260D
	EPA 8260C
sec-Butylbenzene	EPA 8260D
	EPA 8260C

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Volatile Aromatics

Styrene	EPA 8260D
	EPA 8260C
	EPA 624.1
tert-Butylbenzene	EPA 8260D
	EPA 8260C
Toluene	EPA 8260D
	EPA 8260C
	EPA 624.1
Total Xylenes	EPA 8260D
	EPA 8260C
	EPA 624.1

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
1,1,1-Trichloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1,2,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D
	EPA 8260C
1,1,2-Trichloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1-Dichloroethane	EPA 8260D
	EPA 8260C

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Volatile Halocarbons

1,1-Dichloroethane	EPA 624.1
1,1-Dichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1-Dichloropropene	EPA 8260D
	EPA 8260C
1,2,3-Trichloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromoethane	EPA 8260D
	EPA 8260C
1,2-Dichloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,2-Dichloropropane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,3-Dichloropropane	EPA 8260D
	EPA 8260C
2,2-Dichloropropane	EPA 8260D
	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260D
	EPA 8260C
	EPA 624.1
Bromochloromethane	EPA 8260D
	EPA 8260C

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Volatile Halocarbons

Bromodichloromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Bromoform	EPA 8260D
	EPA 8260C
	EPA 624.1
Bromomethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Carbon tetrachloride	EPA 8260D
	EPA 8260C
	EPA 624.1
Chloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Chloroform	EPA 8260D
	EPA 8260C
	EPA 624.1
Chloromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
cis-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
cis-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
	EPA 624.1

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Volatile Halocarbons

Dibromochloromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Dibromomethane	EPA 8260D
	EPA 8260C
Dichlorodifluoromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Hexachlorobutadiene, Volatile	EPA 8260D
	EPA 8260C
Methylene chloride	EPA 8260D
	EPA 8260C
	EPA 624.1
Tetrachloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
trans-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
trans-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
	EPA 624.1
trans-1,4-Dichloro-2-butene	EPA 8260D
	EPA 8260C
Trichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1

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Volatile Halocarbons

Trichlorofluoromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Vinyl chloride	EPA 8260D
	EPA 8260C
	EPA 624.1

Volatiles Organics

1,4-Dioxane	EPA 8260D
	EPA 8260C
	EPA 8270D SIM
	EPA 8270E
	EPA 8270E SIM
2-Butanone (Methylethyl ketone)	EPA 8260D
	EPA 8260C
2-Hexanone	EPA 8260D
	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260D
	EPA 8260C
Acetone	EPA 8260D
	EPA 8260C
Carbon Disulfide	EPA 8260D
	EPA 8260C
Cyclohexane	EPA 8260D
	EPA 8260C
Methyl acetate	EPA 8260D
	EPA 8260C
Methyl cyclohexane	EPA 8260D

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Volatiles Organics

Methyl cyclohexane	EPA 8260C
Vinyl acetate	EPA 8260D
	EPA 8260C

Sample Preparation Methods

SM 4500-P B(5)-2011
EPA 5030C
SM 4500-CN B-2016 and C-2016
EPA 3015A
EPA 3010A
EPA 3005A
EPA 3510C
SM 4500-N Org B-2011 or C-2011

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Acrylates

Acrolein (Propenal)	EPA 8260D
	EPA 8260C
Acrylonitrile	EPA 8260D
	EPA 8260C
Methyl methacrylate	EPA 8260D
	EPA 8260C

Amines

1,2-Diphenylhydrazine	EPA 8270D
	EPA 8270E
2-Nitroaniline	EPA 8270D
	EPA 8270E
3-Nitroaniline	EPA 8270D
	EPA 8270E
4-Chloroaniline	EPA 8270D
	EPA 8270E
4-Nitroaniline	EPA 8270D
	EPA 8270E
Aniline	EPA 8270D
	EPA 8270E
Carbazole	EPA 8270D
	EPA 8270E
Diphenylamine	EPA 8270D
	EPA 8270E

Benzidines

3,3'-Dichlorobenzidine	EPA 8270D
	EPA 8270E

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Benzidines

Benzidine	EPA 8270D
	EPA 8270E

Characteristic Testing

Corrosivity (pH)	EPA 9045D
Free Liquids	EPA 9095B
Ignitability	EPA 1010A
Synthetic Precipitation Leaching Proc.	EPA 1312
TCLP	EPA 1311

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 8081B
4,4'-DDE	EPA 8081B
4,4'-DDT	EPA 8081B
Aldrin	EPA 8081B
alpha-BHC	EPA 8081B
alpha-Chlordane	EPA 8081B
Atrazine	EPA 8270D
	EPA 8270E
beta-BHC	EPA 8081B
Chlordane Total	EPA 8081B
delta-BHC	EPA 8081B
Dieldrin	EPA 8081B
Endosulfan I	EPA 8081B
Endosulfan II	EPA 8081B
Endosulfan sulfate	EPA 8081B
Endrin	EPA 8081B
Endrin aldehyde	EPA 8081B

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Chlorinated Hydrocarbon Pesticides

Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
Heptachlor epoxide	EPA 8081B
Lindane	EPA 8081B
Methoxychlor	EPA 8081B
Mirex	EPA 8081B
Toxaphene	EPA 8081B

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260D
	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
	EPA 8270E
1,2,4-Trichlorobenzene	EPA 8270D
	EPA 8270E
2-Chloronaphthalene	EPA 8270D
	EPA 8270E
Hexachlorobenzene	EPA 8270D
	EPA 8270E
Hexachlorobutadiene	EPA 8270D
	EPA 8270E
Hexachlorocyclopentadiene	EPA 8270D
	EPA 8270E
Hexachloroethane	EPA 8270D
	EPA 8270E

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Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dicamba	EPA 8151A

Haloethers

2,2'-Oxybis(1-chloropropane)	EPA 8270D
	EPA 8270E
4-Bromophenylphenyl ether	EPA 8270D
	EPA 8270E
4-Chlorophenylphenyl ether	EPA 8270D
	EPA 8270E
Bis(2-chloroethoxy)methane	EPA 8270D
	EPA 8270E
Bis(2-chloroethyl)ether	EPA 8270D
	EPA 8270E

Metals I

Barium, Total	EPA 6020A
	EPA 6020B
Cadmium, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Calcium, Total	EPA 6010C
	EPA 6010D
Chromium, Total	EPA 6010C
	EPA 6010D

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Metals I

Chromium, Total	EPA 6020A
	EPA 6020B
Copper, Total	EPA 6020A
	EPA 6020B
Iron, Total	EPA 6010C
	EPA 6010D
Lead, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Magnesium, Total	EPA 6010C
	EPA 6010D
Manganese, Total	EPA 6020A
	EPA 6020B
Nickel, Total	EPA 6020A
	EPA 6020B
Potassium, Total	EPA 6010C
	EPA 6010D
Silver, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B

Metals II

Aluminum, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B

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Metals II

Antimony, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Arsenic, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Beryllium, Total	EPA 6010C
	EPA 6010D
Chromium VI	EPA 7196A
Mercury, Total	EPA 7471B
	EPA 7473
Selenium, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Vanadium, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Zinc, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B

Metals III

Cobalt, Total	EPA 6010C

Serial No.: 67726

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WADSWORTH CENTER

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Issued April 01, 2023
Revised April 04, 2023

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. CATHERINE L. MOSHER
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Metals III

Cobalt, Total	EPA 6010D
	EPA 6020A
	EPA 6020B
Molybdenum, Total	EPA 6020A
Thallium, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Tin, Total	EPA 6020A
	EPA 6020B
Titanium, Total	EPA 6020A

Miscellaneous

Boron, Total	EPA 6020A
	EPA 6020B
Cyanide, Total	EPA 9014
Extractable Organic Halides	EPA 9023

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 8270D
	EPA 8270E
2,6-Dinitrotoluene	EPA 8270D
	EPA 8270E
Isophorone	EPA 8270D
	EPA 8270E
Nitrobenzene	EPA 8270D
	EPA 8270E
Pyridine	EPA 8270D

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Nitroaromatics and Isophorone	
Pyridine	EPA 8270E
Nitrosoamines	
N-Nitrosodimethylamine	EPA 8270D
	EPA 8270E
N-Nitrosodi-n-propylamine	EPA 8270D
	EPA 8270E
N-Nitrosodiphenylamine	EPA 8270D
	EPA 8270E
Organophosphate Pesticides	
Parathion ethyl	EPA 8270D
	EPA 8270E
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015D
Gasoline Range Organics	EPA 8015D
Phthalate Esters	
Benzyl butyl phthalate	EPA 8270D
	EPA 8270E
Bis(2-ethylhexyl) phthalate	EPA 8270D
	EPA 8270E
Diethyl phthalate	EPA 8270D
	EPA 8270E
Dimethyl phthalate	EPA 8270D
	EPA 8270E
Di-n-butyl phthalate	EPA 8270D
	EPA 8270E
Di-n-octyl phthalate	EPA 8270D

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Phthalate Esters

Di-n-octyl phthalate	EPA 8270E

Polychlorinated Biphenyls

Aroclor 1016 (PCB-1016)	EPA 8082A
Aroclor 1016 (PCB-1016) in Oil	EPA 8082A
Aroclor 1221 (PCB-1221)	EPA 8082A
Aroclor 1221 (PCB-1221) in Oil	EPA 8082A
Aroclor 1232 (PCB-1232)	EPA 8082A
Aroclor 1232 (PCB-1232) in Oil	EPA 8082A
Aroclor 1242 (PCB-1242)	EPA 8082A
Aroclor 1242 (PCB-1242) in Oil	EPA 8082A
Aroclor 1248 (PCB-1248)	EPA 8082A
Aroclor 1248 (PCB-1248) in Oil	EPA 8082A
Aroclor 1254 (PCB-1254)	EPA 8082A
Aroclor 1254 (PCB-1254) in Oil	EPA 8082A
Aroclor 1260 (PCB-1260)	EPA 8082A
Aroclor 1260 (PCB-1260) in Oil	EPA 8082A
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1262 (PCB-1262) in Oil	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A
Aroclor 1268 (PCB-1268) in Oil	EPA 8082A

Polynuclear Aromatic Hydrocarbons

Acenaphthene	EPA 8270D
	EPA 8270E
Acenaphthylene	EPA 8270D
	EPA 8270E
Benzo(a)anthracene	EPA 8270D

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Polynuclear Aromatic Hydrocarbons

Benzo(a)anthracene	EPA 8270E
Benzo(a)pyrene	EPA 8270D
	EPA 8270E
Benzo(b)fluoranthene	EPA 8270D
	EPA 8270E
Benzo(g,h,i)perylene	EPA 8270D
	EPA 8270E
Benzo(k)fluoranthene	EPA 8270D
	EPA 8270E
Chrysene	EPA 8270D
	EPA 8270E
Dibenzo(a,h)anthracene	EPA 8270D
	EPA 8270E
Fluoranthene	EPA 8270D
	EPA 8270E
Fluorene	EPA 8270D
	EPA 8270E
Indeno(1,2,3-cd)pyrene	EPA 8270D
	EPA 8270E
Naphthalene	EPA 8270D
	EPA 8270E
Phenanthrene	EPA 8270D
	EPA 8270E
Pyrene	EPA 8270D
	EPA 8270E

Priority Pollutant Phenols

2,3,4,6 Tetrachlorophenol	EPA 8270D

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Priority Pollutant Phenols

2,3,4,6 Tetrachlorophenol	EPA 8270E
2,4,5-Trichlorophenol	EPA 8270D
	EPA 8270E
2,4,6-Trichlorophenol	EPA 8270D
	EPA 8270E
2,4-Dichlorophenol	EPA 8270D
	EPA 8270E
2,4-Dimethylphenol	EPA 8270D
	EPA 8270E
2,4-Dinitrophenol	EPA 8270D
	EPA 8270E
2-Chlorophenol	EPA 8270D
	EPA 8270E
2-Methyl-4,6-dinitrophenol	EPA 8270D
	EPA 8270E
2-Methylphenol	EPA 8270D
	EPA 8270E
2-Nitrophenol	EPA 8270D
	EPA 8270E
4-Chloro-3-methylphenol	EPA 8270D
	EPA 8270E
4-Methylphenol	EPA 8270D
	EPA 8270E
4-Nitrophenol	EPA 8270D
	EPA 8270E
Pentachlorophenol	EPA 8270D
	EPA 8270E

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Priority Pollutant Phenols

Phenol	EPA 8270D
	EPA 8270E

Semi-Volatile Organics

1,1'-Biphenyl	EPA 8270D
	EPA 8270E
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D
	EPA 8270E
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
	EPA 8270E
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
	EPA 8270E
2-Methylnaphthalene	EPA 8270D
	EPA 8270E
Acetophenone	EPA 8270D
	EPA 8270E
Benzaldehyde	EPA 8270D
	EPA 8270E
Benzoic Acid	EPA 8270D
	EPA 8270E
Benzyl alcohol	EPA 8270D
	EPA 8270E
Caprolactam	EPA 8270D
	EPA 8270E
Dibenzofuran	EPA 8270D
	EPA 8270E

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Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260D
	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,2-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,3,5-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,3-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,4-Dichlorobenzene	EPA 8260D
	EPA 8260C
2-Chlorotoluene	EPA 8260D
	EPA 8260C
4-Chlorotoluene	EPA 8260D
	EPA 8260C
Benzene	EPA 8260D
	EPA 8260C
Bromobenzene	EPA 8260D
	EPA 8260C
Chlorobenzene	EPA 8260D
	EPA 8260C
Ethyl benzene	EPA 8260D
	EPA 8260C
Isopropylbenzene	EPA 8260D
	EPA 8260C
m/p-Xylenes	EPA 8260D

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Volatile Aromatics

m/p-Xylenes	EPA 8260C
Naphthalene, Volatile	EPA 8260D
	EPA 8260C
n-Butylbenzene	EPA 8260D
	EPA 8260C
n-Propylbenzene	EPA 8260D
	EPA 8260C
o-Xylene	EPA 8260D
	EPA 8260C
p-Isopropyltoluene (P-Cymene)	EPA 8260D
	EPA 8260C
sec-Butylbenzene	EPA 8260D
	EPA 8260C
Styrene	EPA 8260D
	EPA 8260C
tert-Butylbenzene	EPA 8260D
	EPA 8260C
Toluene	EPA 8260D
	EPA 8260C
Total Xylenes	EPA 8260D
	EPA 8260C

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
1,1,1-Trichloroethane	EPA 8260D
	EPA 8260C
1,1,2,2-Tetrachloroethane	EPA 8260D

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Volatile Halocarbons

1,1,2,2-Tetrachloroethane	EPA 8260C
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D
	EPA 8260C
1,1,2-Trichloroethane	EPA 8260D
	EPA 8260C
1,1-Dichloroethane	EPA 8260D
	EPA 8260C
1,1-Dichloroethene	EPA 8260D
	EPA 8260C
1,1-Dichloropropene	EPA 8260D
	EPA 8260C
1,2,3-Trichloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromoethane	EPA 8260D
	EPA 8260C
1,2-Dichloroethane	EPA 8260D
	EPA 8260C
1,2-Dichloropropane	EPA 8260D
	EPA 8260C
1,3-Dichloropropane	EPA 8260D
	EPA 8260C
2,2-Dichloropropane	EPA 8260D
	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260D
	EPA 8260C

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Volatile Halocarbons

Bromochloromethane	EPA 8260D
	EPA 8260C
Bromodichloromethane	EPA 8260D
	EPA 8260C
Bromoform	EPA 8260D
	EPA 8260C
Bromomethane	EPA 8260D
	EPA 8260C
Carbon tetrachloride	EPA 8260D
	EPA 8260C
Chloroethane	EPA 8260D
	EPA 8260C
Chloroform	EPA 8260D
	EPA 8260C
Chloromethane	EPA 8260D
	EPA 8260C
cis-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
cis-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
Dibromochloromethane	EPA 8260D
	EPA 8260C
Dibromomethane	EPA 8260D
	EPA 8260C
Dichlorodifluoromethane	EPA 8260D
	EPA 8260C
Hexachlorobutadiene, Volatile	EPA 8260D

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Volatile Halocarbons

Hexachlorobutadiene, Volatile	EPA 8260C
Methylene chloride	EPA 8260D
	EPA 8260C
Tetrachloroethene	EPA 8260D
	EPA 8260C
trans-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
trans-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
Trichloroethene	EPA 8260D
	EPA 8260C
Trichlorofluoromethane	EPA 8260D
	EPA 8260C
Vinyl chloride	EPA 8260D
	EPA 8260C

Volatile Organics

1,4-Dioxane	EPA 8260D
	EPA 8260C
	EPA 8270D SIM
	EPA 8270E
	EPA 8270E SIM
2-Butanone (Methylethyl ketone)	EPA 8260D
	EPA 8260C
2-Hexanone	EPA 8260D
	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260D
	EPA 8260C

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Volatile Organics

Acetone	EPA 8260D
	EPA 8260C
Carbon Disulfide	EPA 8260D
	EPA 8260C
Cyclohexane	EPA 8260D
	EPA 8260C
Methyl acetate	EPA 8260D
	EPA 8260C
Methyl cyclohexane	EPA 8260D
	EPA 8260C
Methyl tert-butyl ether	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
Vinyl acetate	EPA 8260D
	EPA 8260C

Sample Preparation Methods

EPA 5035A-L
EPA 5035A-H
EPA 3580A
EPA 3010A
EPA 3050B
EPA 3550C
EPA 3546
EPA 3545A
EPA 9010C

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Appendix C
Health and Safety Plan

HEALTH AND SAFETY PLAN

COMMERCIAL PROPERTY
92-07 63RD DRIVE
REGO PARK, NEW YORK 11374

PREPARED FOR:

EIK REGO PARK ASSOCIATES, LLC

JCB PROJECT #: 25-62259
NOVEMBER 2025

J.C. BRODERICK & ASSOCIATES, INC.
Environmental Consulting & Testing

1775 Expressway Drive North – Suite 1
Hauppauge, New York 11788
631-584-5492 Fax: 631-584-3395

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Project Summary

Site Name: 92-07 63rd Drive

Site Location: 92-07 63rd Drive
Rego Park, New York 11374

Proposed Activities: Installation of Soil Borings, Groundwater Monitoring Wells and Collection of Soil, Groundwater and Soil Vapor Samples

Potential Chemical Hazards:

The primary expected potential chemical hazards are chlorinated volatile organic compounds (VOCs).

EMERGENCY CONTACTS

The following list provides names and telephone numbers for emergency contact personnel. In the event of a medical emergency, personnel will take direction from the Health and Safety Officer (HSO) and notify the appropriate emergency organization. In the event of a fire or spill, the Site Supervisor will notify the appropriate local, state, and Federal agencies.

Organization	Name of Contact	Telephone Number
Ambulance		911
Police Department		911
Fire Department		911
Call Before You Dig		811
Project Manager	Steven Muller	631-584-5492 x 337
Health & Safety Officer	Steven Muller	631-584-5492 x 337
Site Supervisor	Jeffrey Nannini	631-584-5492 x 329
Client Representative	Lawrence Khedouri	201-724-1139

Section No. 1.0: Introduction

This section of the Site Health and Safety Plan (HASP) defines the general applicability and general responsibilities with respect to compliance with Health and Safety programs.

Section No. 1.1: Scope and Applicability of HASP

The purpose of this HASP is to define requirements and designate protocols during the site investigation activities. Applicability extends to all employees, contractors, subcontractors and visitors. All personnel on-site, contractors and subcontractors included shall be informed of the site emergency response procedures and any potential fire, explosion, health, or safety hazards of the operation. This plan must be reviewed and an agreement to comply with the requirements must be signed by all personnel prior to entering the exclusion zone or contamination reduction zone.

During development of this plan consideration was given to current safety standards as defined by the USEPA, OSHA, and NIOSH. Listed procedures were designed to account for the potential for exposure to unknown substances. Specifically, the following reference sources have been consulted:

1. OSHA 29 CFR 1910.120
2. U.S. EPA, OERR ERT Standard Operating Safety Guides
3. NIOSH/OSHA/USCG/EPA Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities
4. ACGIH Threshold Limit Values

Section No. 1.2: Visitors

All visitors entering the site will be required to read and verify compliance with the provisions of this HASP. In addition, visitors will be expected to comply with relevant OSHA requirements. Visitors will also be expected to provide their own protective equipment.

In the event that a visitor does not adhere to the provisions of the HASP, he/she will be requested to leave the work area. All non-conformance incidents and accidents will be recorded in the site log.

Section No. 2.0: Operational Safety and Health Analysis

This HASP addresses site-specific hazards identified through previous site work or background information provided pertaining to the subject property.

Section No. 2.1: Historical Overview

The Site is located on the northwest corner of the intersection formed by 63rd Drive and Austin Street in the Rego Park neighborhood of Queens, New York. The Site is bounded by 63rd Drive to the east followed by a 1-story commercial building, by Austin Street to the south followed by a library, by 3-story multi-family residential buildings to the west followed by 63rd Avenue, and by a 6-story multi-family residential building to the north followed by Wetherole Street. Sensitive receptors adjoining the site are located as a daycare center running out of the residential building to the north (63-50 Wetherole St) and a daycare center to the northeast (63-44 Wetherole St). The subject property is commonly known as and is located at 92-01 through 92-07 63rd Drive, Rego Park, New York 11374. The address 92-07 63rd Drive is technically located within one of the businesses of the strip mall on Lot 42, which is currently occupied by a restaurant with an address of 92-09 63rd Drive. 92-07 63rd Drive is an historical address from when the northeastern half of the shopping center now, 92-09 63rd Drive was four (4) approximate 600 square foot tenant spaces identified as 92-05, 92-07, 92-09, & 92-11 63rd Drive. These tenant spaces were combined into one commercial space which now operates as a restaurant and is identified by the address 92-09 63rd Drive.

A Phase I: Environmental Database Report, dated April 2024, was prepared by Toxics Targeting for the Site. According to the report, the Site is not currently listed on the New York City E-Designation database; however, the Site is listed on the New York State Inactive Hazardous Waste Disposal Site and on the Resource Conservation Recovery Act (RCRA) Hazardous Waste Generators and Transporters databases. The presence of the Site on these databases is a recognized environmental condition (REC).

In April 2024, JCB performed a Subsurface Soil Vapor Investigation consisting of collecting two (2) sub-slab soil vapor samples from beneath the basement of the Site. The chlorinated solvents cis-1,2-Dichloroethylene, Tetrachloroethylene and Trichloroethylene typically utilized in the dry-cleaning process and their degradation products were not detect in either of the samples collected. No other chlorinated volatile organic compounds (VOCs) were identified except for chloroform at 4.1µg/m^3 in the east sample.

Section No. 2.2: Scope of Work/ Remedial Action Scope & Objectives

The purpose of a Site Characterization is to determine whether hazardous substances are present at a site at levels that may pose a threat to public health or the environment and whether the site warrants further action. This includes defining the nature and extent of contamination, identifying contaminants of concern and their concentrations, and assessing the potential exposure of receptors to site contaminants by the installation of soil borings and groundwater monitoring wells and collection of soil, groundwater and soil vapor samples at the subject property.

The tasks involved with this investigation shall include, in general, the following activities:

1. Completion of soil borings collection of soil samples;
2. Installation of groundwater monitoring wells;
3. Collection of groundwater samples;
4. Installation of soil vapor sampling points; and,
5. Collection of soil vapor samples.

Section No. 2.3: Task-Specific Health & Safety Analysis

The following subsections describe each task in terms of the specific hazards associated with it. In addition, the protective measures to be implemented during completion of each task are identified.

Section No. 2.3.1: Tasks

Installation of a total of four (4) soil borings to a final depth of approximately five (5) feet below the observed groundwater interface and collection of soil samples.

Installation of a total of three (3) groundwater monitoring wells to a final depth of approximately five (5) feet below the observed groundwater interface and collection of groundwater samples

Installation of a total of two (2) soil vapor points to approximately six (6) inches below the bottom of the concrete slab within the subject structure and collection of soil vapor samples.

Section No. 2.3.2: Identified Physical Hazards

Section No. 2.3.2.1: Temperature Extremes

Hot Temperatures

Heat stress is a significant potential hazard, which is greatly exacerbated with the use of PPE, in hot environments. The potential hazards of working in hot environments include dehydration, cramps, heat rash, heat exhaustion, and heat stroke. If onsite workers exhibit the signs of heat exhaustion or heat stroke, they should seek immediate medical attention.

Cold Temperatures

Workers may be exposed to the hazard of working in a cold environment. Potential hazards in cold environments include frostbite, hypothermia, as well as slippery surfaces. In order to prevent frostbite, and hypothermia, the workers are responsible for dressing warmly in layers with thick socks, gloves, and appropriate head and face gear. Upon the onset of discomfort due to the cold, onsite workers should take regular five to ten minute breaks to warm up inside nearby buildings and to drink warm fluids. Please note that the NYCDEP statute prohibits idling an engine for more than three minutes (one-minute if adjacent to a school). This statue includes the use of a vehicle for the purpose of warming up employees. As such, all contractors and employees shall identify a place to warm up in advance. If discomfort continues and the onsite workers start to exhibit the signs of frostbite or hypothermia, they should seek immediate medical attention.

Section No. 2.3.2.2: Noise

Noise is a potential hazard associated with the operation of heavy equipment, power tools, pumps and generators. Hearing protection is required and shall be used in designated areas of the site as indicated by the posted signs.

Section No. 2.3.2.3: Hand and Power Tools

In order to complete the various tasks for the project, personnel will utilize hand and power tools. The use of hand and power tools can present a variety of hazards, including physical harm from being struck by flying objects, being cut or struck by the tool, fire, and electrocution. Hand and power tools will be

inspected prior to use. Proper personal protective equipment shall be worn while utilizing hand and power tools. Ground Fault Circuit Interrupters (GFCIs) are required for all portable electric tools.

Section No. 2.3.2.4: Slips, Trips, and Falls

Working in and around the site will pose slip, trip and fall hazards due to equipment, piping, slippery surfaces that may be oil covered, or from surfaces that are wet from rain or ice. Potential adverse health effects include falling to the ground and becoming injured or twisting an ankle. Good housekeeping at the site must be maintained at all times.

Section No. 2.3.2.5: Material Handling

Manual lifting of heavy objects may be required. Failure to follow proper lifting techniques can result in back injuries and strains. Back injuries are a serious concern as they are the most common workplace injury, often resulting in lost or restricted work time, and long treatment and recovery periods. Whenever possible, heavy objects must be lifted and moved by mechanical devices rather than by manual effort. The mechanical devices will be appropriate for the lifting or moving task and will be operated only by trained and authorized personnel.

Section No. 2.3.2.6: Confined Space Entry

Entry into confined spaces, as defined in OSHA 29 CFR 1910.146 paragraph (b)(1), is not anticipated as an on-site activity. Should entry into a confined space be required, all operational activities will be suspended until entry can be achieved in accordance with 1910.146. Further information regarding confined-space entry can be found in Appendix C.

Section No. 2.3.2.7: Drill Rig Operations

Personnel working in the immediate vicinity of heavy equipment may encounter physical hazards resulting from contact with equipment. Field personnel should be aware of the presence of these hazards at all times and take appropriate action to avoid them. Due to the limited ability to communicate when wearing respiratory protection, the risk is increased. Workers must be careful to communicate with heavy equipment operators regarding their location and should maintain a safe distance from operating equipment at all times. Prior to working around equipment, the site personnel will review appropriate hand signals with the operator. Equipment will be equipped with back up alarms. In order to complete soil borings, a track mounted drill rig will be used. Working with and near this equipment poses many potential hazards, including being struck by or against, or pinched/caught by moving parts. These hazards can result in serious physical harm. Other hazards include electrocution and explosion due to encountering overhead or underground utilities. Drill rigs for hollow stem auger drilling and other machinery with exposed moving parts must be equipped with an operational emergency stop device. Drillers and other field personnel must be aware of the location of this device. This device must be tested prior to job initiation and periodically thereafter. The driller and helper shall not simultaneously handle augers unless there is a standby person to activate the emergency switch. Only equipment that has been approved by the manufacturer may be used in conjunction with site equipment and specifically to attach sections of drilling tools together. The driller must never leave the controls while the tools are rotating unless all personnel are kept clear of rotating equipment. Drillers, helpers, and other field personnel must secure all loose clothing when in the vicinity of drilling operations. No person shall climb the drill mast while tools are rotating or without the use of ANSI-approved fall protection (approved belts, lanyards and a fall protection slide rail) or portable ladder that meets the requirement of the OSHA standard.

Section No. 2.3.2.8: Vehicular Traffic

Portions of site activities (load in and load out) will be conducted in the street. As such, vehicular and pedestrian traffic will be present. Appropriate precautions to protect the on-site workers and civilians should be used including the use of cones and traffic vests as appropriate.

Section No. 2.3.2.9: Utilities

In accordance with New York State Law 16 NYCRR Part 753, prior to mobilization, a utility mark out will be obtained from the One Call Notification System. In addition, a private utility markout will be performed in the vicinity of each boring location to identify the potential presence of underground utility lines and to evaluate for the presence of any other subsurface anomalies.

Section No. 2.3.3: Identified Chemical Hazards

Based on prior site assessments, the primary contaminants anticipated are volatile organic compounds (VOCs).

The surrounding work area will be continuously monitored using a Photo-Ionization Detector (PID) during site activities. The PID is an appropriate direct-reading monitoring instrument for confirming the presence or absence of VOC contamination in the soil sampling intervals.

During site work involving disturbance of impacted soils, real time air monitoring will be conducted to assess the potential for exposure to airborne contaminants of concern including chlorinated VOCs. A photoionization detector (PID) will be used to monitor concentrations of VOCs at personnel breathing-zone height to assess the potential exposure to VOCs. Dust monitoring will be completed with an aerosol monitor. Air monitoring will be conducted during intrusive activities associated with the completion of soil borings, installation of groundwater monitoring wells, installation of sub-slab soil vapor sampling points, and collection of soil and soil vapor samples.

The suspect contaminant with the lowest Permissible Exposure Level (PEL) is benzene, which has a level of 1 part per million (ppm) PEL. The benzene Threshold Limit Value (TLV) (as listed in 29 CFR 1910.1200, Table Z-2) is 10 ppm (based on mixtures containing benzene). Appropriate levels of protection will be initiated if airborne concentrations of contaminants are identified at 50 ppm above background levels in the immediate area of work during on-site activities and all other Personal Protective Equipment (PPE) will be upgraded to level C.

If PID readings in the areas above and surrounding the work area exceed 250 ppm above background levels, all on-site activities will be suspended. The equipment selected will depend on the nature and concentrations of the contaminants encountered. First aid equipment will be available during all field activities.

During invasive procedures that have the potential for creating airborne dust, real time air monitoring with an aerosol monitor, such as a Thermo MEI personal DataRAM-1000 (pDR-1000) will occur. If dust is generated during disturbance activities, dust suppression methods will be employed to minimize potential for exposure.

Section No. 2.3.4: Hazard Prevention

A physical hazards exclusion zone will be established around the work area. Only authorized personnel will be allowed to enter the exclusion zone during work activities. Site workers will wear appropriate footwear with steel toes and rubber-grip soles, avoid slippery surfaces, and generally use caution and good judgment. The exclusion area will extend to any area clear of the drill rig and its range.

Section No. 3.0: Training Requirements

Section No. 3.1: All Personnel

Consistent with OSHA's 29 CFR 1910.120 regulation covering Hazardous Waste Operations and Emergency Response, all site personnel are required to be trained in accordance with 29 CFR 1910.120. At a minimum, all personnel are required to be trained to recognize on-site hazards, the provisions of this HASP, and the responsible personnel. All training and medical monitoring records for each subcontractor are the responsibility of that subcontractor. In addition, training records for all site personnel will be maintained by the site Health and Safety Officer (HSO).

Prior to on-site arrival, each employer will be responsible for certifying that his/her employees meet the requirements of pre-assignment training, consistent with OSHA 29 CFR 1910.120 paragraph (e)(3). The employer should be able to provide a document certifying that each general site worker has received 40 hours of instruction off the site, and 24 hours of training for any workers who are on-site only occasionally for a specific task. If an individual employee has work experience and/or training that is equivalent to that provided in the initial training, an employer may waive the 40-hour training so long as that equivalent experience is documented or certified. All personnel must also receive 8 hours of refresher training annually.

Section No. 3.2: Site Supervisor

The Site Supervisor is responsible for oversight of all on-site activities. Consistent with OSHA 29 CFR 1910.120 paragraph (e)(8), individuals designated as Site Supervisors require an additional 8 hours of training.

The following individual(s) are identified as Site Supervisors:

1. Steven Muller, J.C. Broderick & Associates, Inc.
2. Jeffrey Nannini, J.C. Broderick & Associates, Inc.

Section No. 3.3: Briefing Topics

In order to comply with 29 CFR 1910.1200, Hazard Communication, and a written Hazard Communication Program has been established. The program is included in Appendix B. The following items will be discussed by a qualified individual during the pre-operational briefing(s) or during periodic site briefings:

Training	Frequency
Air Monitoring, Sec. 7.0; [29 CFR 1910.120(H)]	Daily
Confined space entry procedure, Sec. 11.0	Periodic
Emergency response plan, Sec. 10.0; [29 CFR 1910.120(1)]	Periodic
Personnel Protective Equipment, Sec. 5.0	Daily

Section No. 4.0: Personal Protective Equipment

This section describes the specific levels of protection required for the on-site tasks. The general requirements of the USEPA and OSHA-designated Levels of Protection (A-D) are described below.

Personnel wear PPE when response activities involve known or suspected atmospheric contamination vapors, gases, when particulates may be generated by site activities, or when direct contact with skin-affecting substances may occur. Full face-piece respirators protect the lungs, gastrointestinal tract and eyes against airborne toxicants. Chemical-resistant clothing protects the skin from contact with skin-destructive and absorbable chemicals.

Section No. 4.1: PPE Levels

The specific levels of protection and necessary components for each have been divided into four categories according to the degrees of protection afforded:

LEVEL A Should be worn when the hazardous substance has been identified and requires the highest level of protection for skin, eyes, and the respiratory system based on either the measured (or potential for) high concentration of atmospheric vapors, gases, or particulates; or the site operations and work functions involve a high potential for splash, immersion, or exposure to unexpected vapors, gases, or particulates of materials that are harmful to skin or capable of being absorbed through the skin, or substances with a high degree of hazard to the skin are known or suspected to be present, and skin contact is possible or operations are being conducted in confined, poorly ventilated areas, and the absence of conditions requiring Level A have not yet been determined.

The following constitute Level A equipment; it may be used as appropriate.

1. Positive pressure, full face-piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA, approved by the National Institute for Occupational Safety and Health (NIOSH)
2. Totally encapsulating chemical-protective suit
3. Coveralls
4. Long underwear
5. Gloves, outer, chemical resistant
6. Gloves, inner, chemical resistant
7. Boots, chemical-resistant, steel toe and shank
8. Hard hat (under suit)
9. Disposable protective suit, gloves and boots

LEVEL B Should be worn when the highest level of respiratory protection is needed, but a lesser level of skin protection is required or the atmosphere contains less than 19.5 percent oxygen or the presence of incompletely identified vapors or gases is indicated by a direct-reading organic vapor detection instrument, but vapors and gases are not suspected of containing high levels of chemicals harmful to skin or capable of being absorbed through the skin. Level B is the primary level of choice when encountering unknown environments.

The following constitute Level B equipment; it may be used as appropriate.

1. Positive pressure, full-facepiece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved)

2. Hooded chemical-resistant clothing (overalls and long-sleeved jacket; coveralls; one or two-piece chemical-splash suit; disposable chemical-resistant overalls)
3. Coveralls
4. Gloves, outer, chemical resistant.
5. Gloves, inner, chemical resistant.
6. Boots, outer, chemical-resistant steel toe and shank.
7. Boot-covers, outer, chemical-resistant (disposable)
8. Hard hat
9. Face shield

LEVEL C Should be worn when the atmospheric contaminants, liquid splashes, or other direct contact will not adversely affect or be absorbed through any exposed skin or the types of air contaminants have been identified, concentrations measured, and an air-purifying respirator is available that can remove the contaminants and all criteria for the use of air-purifying respirators are met, and a lesser level of skin protection is required.

The following constitute Level C equipment; it may be used as appropriate.

1. Full-face or half-mask, air purifying respirators (NIOSH approved)
2. Hooded chemical-resistant clothing (overalls; two-piece chemical-splash suit; disposable chemical-resistant overalls)
3. Coveralls
4. Gloves, outer, chemical resistant
5. Gloves, inner, chemical resistant
6. Boots (outer), chemical-resistant steel toe and shank
7. Boot-covers, outer, chemical-resistant (disposable)
8. Hard hat
9. Escape mask
10. Face shield

LEVEL D Should be worn only as a work uniform and not in any area with respiratory or skin hazards and the work functions preclude splashes, immersion, or the potential for unexpected inhalation of or contact with hazardous levels of any chemicals It provides minimal protection against chemical hazards.

The following constitute Level D equipment; it may be used as appropriate:

1. Coveralls
2. Gloves
3. Boots/shoes, chemical resistant steel toe and shank.
4. Boots, outer, chemical resistant
5. Safety glasses or chemical splash goggles
6. Hard hat
7. Escape mask
8. Face shield

Modifications of these levels are permitted and routinely employed during site work activities to maximize efficiency. For example, Level C respiratory protection and Level D skin protection may be required for a given task. Likewise, the type of chemical protective ensemble (i.e. material, format) will depend upon contaminants and degrees of contact. In situations where the type of chemical, concentration, and possibilities of contact are not known, the appropriate Level of Protection must be selected based on professional experience and judgment, until the hazards can be better identified.

The Level of Protection selected is based upon the following:

- Type and measured concentration of the chemical substance and its toxicity.
- Potential for exposure to substances in air, liquids, or other direct contact with material due to work being done.
- Knowledge of chemicals on-site along with properties such as toxicity, route of exposure, and contaminant matrix.

Section No. 4.2: Reassessment of PPE Program

The Level of Protection provided by PPE selection shall be upgraded or downgraded based upon a change in site conditions or findings of investigations. When a significant change occurs, the hazards should be reassessed. Some indicators of the need for reassessment are:

- Commencement of a new work phase, such as the start of drum sampling or work which begins in a different portion of the site.
- If a change in job tasks occurs during a work phase.
- If there is a change of season/weather.
- If temperature extremes or individual medical considerations limit the effectiveness of PPE.
- If contaminants other than those previously identified are encountered.
- If there is a change in ambient levels of contaminants.
- If there is a change in the scope of work which effects the degree of contact with contaminants.

Section No. 4.3: Selected PPE

All on-site activities, with the exception of confined space entry, will be conducted using Level D protective equipment. Personnel will upgrade to Level C if the Ambient Air Contaminant Threshold is exceeded or if other site conditions warrant additional protection.

During confined space entry, if necessary, the personnel entering the confined space shall wear Level B PPE with supplied air. Should site conditions require PPE above Level C, all on-site activities will be suspended until the appropriate level of protection can be arranged.

The following specific clothing materials will be used on-site:

Level D

Inner Gloves:	At least surgical gloves, if sampling
Boots/Boot Covers:	Steel-toed boots, no boot covers
Outer Gloves:	Nitrile if sampling or leather
Outer Garment/Coveralls:	Standard clothes, coveralls or work clothes
Respiratory Protection:	Dust mask if desired
Eye Protection:	Goggles or safety glasses

Level C

Inner Gloves:	Surgical gloves
Boots/Boot Covers:	Steel-toed boots, Nitrile-coated covers
Outer Gloves:	Nitrile
Outer Garment/Coveralls:	Tyvek coveralls or similar
Respiratory Protection:	Half-face respirator with organic vapor/HEPA cartridges or Full-face, negative-pressure air-purifying respirators with organic vapor/HEPA cartridges
Eye Protection:	Goggles

Section No. 5.0: Personnel Monitoring

Section No. 5.1: Site Specific Monitoring

All employees will be monitored on-site for signs of physical stress such as heat stroke or overexertion. In addition, all employees will be monitored for symptoms of chemical exposure, especially those symptoms commonly associated with contaminants encountered on-site. The pulse, heart rate, and temperature of employees will be monitored if on-site conditions warrant additional on-site monitoring.

Section No. 5.2: Exposure/Injury/Medical Support

As a follow-up to any possible injury or exposure above established limits, all employees are entitled and encouraged to seek medical attention and physical testing. Depending upon the type of exposure, it is critical to perform follow-up testing within 24-48 hours. The type of test required to accurately monitor for exposure effects would depend on the specific conditions of the exposure.

Section No. 6.0: Air Monitoring/Sampling

This section explains the general concepts of an air-monitoring program and specifies the surveillance activities which will take place on-site.

The purpose of air monitoring is to identify and quantify airborne contaminants in order to determine the level of worker protection needed. Initial screening for identification is often qualitative, i.e., the contaminant, or the class to which it belongs, is demonstrated to be present, but quantification requires subsequent testing.

Two principal approaches are available for identifying and/or quantifying airborne contaminants:

1. The on-site use of direct-reading instruments.
2. Laboratory analysis of air samples obtained by gas sampling-bag collection media (i.e., filter, sorbent), and/or wet-Contaminant collection methods.

Section No. 6.1: Direct-Reading Monitoring Instruments

Unlike air sampling devices, which are used to collect samples for subsequent analysis in a laboratory, direct-reading instruments provide information at the time of sampling, allowing rapid decision-making to occur. Data obtained from the real-time monitors are used to assure proper selection of PPE, engineering controls, and work practices. Overall, the instruments give the user the capability to determine if site personnel are being exposed to concentrations, which exceed exposure limits or action levels for specific hazardous materials.

Of significant importance, especially during initial entries, is the potential for IDLH conditions or oxygen-deficient atmospheres. Real-time monitors can be useful in identifying any IDLH conditions, toxic levels of airborne contaminants, flammable atmospheres, or radioactive hazards. Periodic monitoring of conditions is critical; especially if exposures may have increased since initial monitoring or if new activities are conducted on-site.

Section No. 6.2: Site-Specific Monitoring

Air monitoring will be conducted on a continual basis in the drilling area using a Photo-Ionization Detector (PID). Action levels for each contaminant will be set at the TLV for benzene (10ppm). PID readings will be recorded in a field notebook at least every 10 minutes. Any variation from background levels which is experienced during continuous monitoring will also be recorded. Some of the limitations of the PID should be noted:

- Detects total concentration of volatile organic gases, detectable aromatic compounds and a few inorganic gases.
- Moist atmospheric conditions (e.g. rain) and high relative humidity (>90%) "quenches" signal, resulting in low readings.
- Does not detect methane.
- For concentrations >150 ppm, the PID may provide non-linear or erratic responses.
- Lead acid battery in PID loses power quickly in cold weather (may require periodic recharging).
- Readings may be affected by power lines, transformers, or radio wave transmitters.
- Accuracy $\pm$ 15%
- Detection range 0.5-2,000 ppm.

Section No. 7.0: Site Control Measures

The following section defines measures and procedures for maintaining site control. Site control is an essential component in the implementation of the site health and safety program.

Section No. 7.1: Buddy System

During all Level B activities or when on-site conditions present a risk to personnel, the implementation of a buddy system is mandatory. A buddy system requires at least two people work as a team, each looking out for one other. Level B operations generally require three people.

Section No. 7.2: Site Communications Plan

Successful communications between field teams and contact with personnel in the support zone is essential. The following communications systems will be available during activities at the site, if required.

Signal	Definition
Hands clutching throat	Out of air/cannot breathe
Hands on top of head	Need assistance
Thumbs up	OK/I'm all right/I understand
Thumbs down	No/Negative
Arms waving upright	Send backup support
Grip partner's wrist	Exit area immediately

Section No. 7.3: Work Zone Definition

The three (3) work zones generally established on-site are the Exclusion Zone, Contamination Reduction Zone, and Support Zone. Given the limited amount of space in each work area and the nature of the subsurface work to be performed on-site, an Exclusion Zone only will be established around each work area. If site conditions warrant, Contamination Reduction and Support Zones will be established.

The Exclusion Zone is defined as the area where contamination is either known or likely to be present, or where on-site activities will provide a potential to cause harm to personnel. Entry into the Exclusion Zone may require the use of PPE. For purposes of this HASP the exclusion zones are defined by a 10-foot buffer around each soil boring, soil vapor sampling location, and groundwater monitoring well location but may be expanded based on the results of air monitoring or any other field conditions identified. All personnel working in the Exclusion Zone must have 40 hours HAZWOPER training prior to conducting any site activities.

The Contamination Reduction Zone is the area where personnel conduct body and equipment decontamination. It is essentially a buffer zone between contaminated areas and clean areas. Activities to be conducted in this zone may require PPE as defined in the Decontamination Zone.

The Support Zone is situated in clean areas where the chance to encounter hazardous conditions is minimal.

Section No. 7.4: Safe Work Practices

Below is a list of standing orders for the Exclusion and Contamination Reduction Zones.

Exclusion Zone

- No smoking, eating, or drinking.
- No horse play.
- No matches or lighters.
- Check-in upon entering.
- Check-out upon exiting.
- Implement the communications system if conditions warrant it.
- Line of sight must be in position.
- Wear the appropriate level of protection as defined in the HASP.

Contamination Reduction Zone

- No smoking, eating, or drinking.
- No horse play.
- No matches or lighters.
- Wear the appropriate level of protection.

Section No. 8.0: Decontamination Plan

Decontamination involves the orderly, controlled removal of contaminants. All site personnel should minimize contact with contaminants in order to minimize the need for extensive decontamination.

Section No. 8.1: Personnel Decontamination

Decontamination will be performed by removing all PPE used in Exclusion Zone and placing it in drums/trash cans. Baby wipes shall be available for wiping hands and face. Drums/trash cans will be labeled by the field crews in accordance with all local, state, and federal requirements. Management plans for contaminated PPE, tools and investigative-derived waste (i.e., soil cutting) are provided below.

Section No. 8.2: Equipment Decontamination

Hand-held equipment includes all monitoring instruments as stated earlier, samples, hand tools, and notebooks. These items must be decontaminated or discarded as waste prior to removal from the Exclusion Zone. To aid in decontamination, monitoring instruments can be sealed in plastic bags or wrapped in polyethylene. This will also protect the instruments against contaminants. The instruments will be wiped clean using wipes or paper towels if contamination is visually evident. Sampling equipment, hand tools, etc. will be cleaned with non-phosphorous soap to remove any potentially contaminated soil and rinsed with deionized water.

All heavy equipment and vehicles arriving at the work site will be free from contamination from offsite sources. Any vehicles arriving to work that are suspected of being impacted will not be permitted on the work site. Potentially contaminated heavy equipment will not be permitted to leave the Exclusion Zone unless it has been thoroughly decontaminated and visually inspected. Equipment will be decontaminated in accordance with industry protocols.

Section No. 8.3: Disposal of Decontamination Wastes

All equipment and solvents used for decontamination shall be decontaminated or disposed of properly. If commercial laundries or cleaning establishments are used to decontaminate protective clothing or equipment, they shall be informed of the chemicals of concern and their potential harmful effects of exposure associated with the project. All decontamination fluids will be containerized and stored on-site pending waste characterization sampling and appropriate off-site disposal.

Section No. 9.0: Emergency Response/Contingency Plan

This section establishes procedures and provides information for use during a project emergency. Emergencies happen unexpectedly and quickly, and require an immediate response; therefore, contingency planning and advanced training of staff is essential. Specific elements of emergency support procedures that are addressed in the following subsections include communications, local emergency support units, preparation for medical emergencies, first aid for injuries incurred on site, record keeping, and emergency site evacuation procedures. This plan is compatible with local, state, and federal disaster and emergency management plans as appropriate.

Section No. 9.1: Pre-Emergency Planning

Project site personnel are responsible for knowing the Emergency Response Plan and the procedures contained herein. Personnel are expected to notify the Emergency Coordinator of situations that could constitute a site emergency. Project site personnel, including all subcontractors will be trained in the Emergency Response Plan. During regular briefings, all employees will be trained in, and reminded of, provisions of the emergency response plan, communication systems, and evacuation routes. The plan will be reviewed and revised, if necessary, on a regular basis by the HSO. This will ensure that the plan is adequate and consistent with prevailing site conditions.

A charged cell phone will be made available at all times to all personnel on-site.

Section No. 9.2: Personnel Roles and Lines of Authority

For this project the Emergency Coordinator is the Site Supervisor. The Emergency Coordinator shall locate emergency phone numbers and identify hospital routes prior to beginning work on the site. The Emergency Coordinator shall make necessary arrangements to be prepared for any emergencies that could occur. The Emergency Coordinator is responsible for implementing the Emergency Response/ Contingency Plan whenever conditions resulting from the Site Investigation warrant such action. This includes taking appropriate measures to ensure the safety of site personnel and the public and for ensuring that all personnel are evacuated safely and that machinery and processes are shut down or stabilized in the event of a stop work order or evacuation. Possible actions may involve evacuation of personnel from the site area and evacuation of adjacent residents. He/she is also responsible for ensuring that corrective measures have been implemented, appropriate authorities notified and follow-up reports completed. The HSO may be called upon to act on behalf of the Site Supervisor and will direct responses to any medical emergency. The individual contractor organizations are responsible for assisting the project manager in his/her mission within the parameters of their scope of work. The HSO is required to immediately notify OSHA within the required time frame of any fatalities or catastrophes (three or more workers injured and hospitalized).

Section No. 9.3: Emergency Recognition/Prevention

Site personnel will be familiar with the techniques of hazard recognition from pre-assignment training and site-specific briefings.

Section No. 9.4: Emergency Contact/Notification System

The list at the beginning of this HASP provides names and telephone numbers for emergency contact personnel. In the event of a medical emergency, personnel will take direction from the Site Supervisor who will notify the appropriate local, state, and federal agencies.

Outside emergency number 911 should be relied on for response to medical emergencies and transport to emergency rooms. Due to traffic congestion that is prevalent in the New York metropolitan area, alternate hospital routes will need to be considered. The Emergency Coordinator will determine the appropriate route based on time of day and traffic patterns. A Hospital route map is provided as Attachment C.

Section No. 9.5: Emergency Medical Treatment Procedures

All injuries and illnesses must be reported to the project manager immediately. Any person who becomes ill or injured in the Exclusion Zone must be decontaminated to the maximum extent possible. If the injury or illness is minor, full decontamination should be completed and first aid administered prior to transport. First aid should be administered while awaiting an ambulance or paramedics. If the patient's condition is serious, at least partial decontamination should be completed (i.e., complete disrobing of the victim and redressing in clean coveralls or wrapping in a blanket). If circumstances dictate that contaminated clothing cannot be readily removed, then remove gross contamination and wrap injured personnel with clean garments/blankets to avoid contaminating other personnel or transporting equipment. If the person cannot be moved because of the extent of the injury (a back or neck injury), provisions shall be made to ensure that emergency response personnel will be able to respond to the victim without being exposed to potentially hazardous atmospheric conditions. If the potential for inhalation hazards exists, such as with open excavation, this area will be covered with polyethylene sheeting to eliminate any potential inhalation hazards. All emergency personnel are to be immediately informed of the injured person's condition, potential contaminants, and provided with all pertinent data.

Any person being transported to a clinic or hospital for treatment should take with them information on the chemical(s) they have been exposed to, if applicable. This information is included in Attachment A. Any vehicle used to transport contaminated personnel will be treated and cleaned as necessary.

The procedures and rules in this HASP are designed to prevent employee injury. However, should an injury occur, no matter how slight, it will be reported to the HSO on site immediately. First-aid equipment will be available on site at the following locations:

- First Aid Kit: Vehicles
- Emergency Eye Wash: Vehicles

During the site safety briefing, project personnel will be informed of the location of the first aid station that has been set up. Unless they are in immediate danger, severely injured persons will not be moved until paramedics can attend to them. Some injuries, such as severe cuts and lacerations or burns, may require immediate treatment. Any first aid instructions that can be obtained from doctors or paramedics, before an emergency-response squad arrives at the site or before the injured person can be transported to the hospital, will be followed closely. Personnel with current first aid and cardio-pulmonary resuscitation (CPR) certification will be identified. Only in non-emergency situations will an injured person be transported to the hospital by means other than an ambulance.

Nearest Hospital: Long Island Jewish/Forest Hill Hospital
102-01 166th Road
Forest Hills, NY 11375
(718) 830-4000
(Directions from site to hospital found on Attachment C)

Section No. 9.6: Emergency Site Evacuation Routes and Procedures

All project personnel will be instructed on proper emergency response procedures and locations of emergency telephone numbers during the initial site safety meeting. If an emergency occurs as a result of the site investigation activities, including but not limited to fire, explosion or significant release of toxic gas into the atmosphere, the Site Supervisor will be verbally notified immediately. All heavy equipment will be shut down and all personnel will evacuate the work areas and assemble at the nearest intersection to be accounted for and to receive further instructions.

Section No. 9.7: Fire or Explosion Procedures

Fires will be prevented by adhering to the following precautions:

- Good housekeeping and storage of materials
- Storage of flammable liquids and gases away from oxidizers
- Shutting off engines to refuel
- Grounding metal containers during transfer of flammable liquids
- Use of UL approved flammable storage cans
- Fire extinguishers located on all heavy equipment, in all trailers and near all hot work activities

The person responsible for the control of fuel source hazards and the maintenance of fire prevention and/or control equipment is the Site Supervisor.

In the event of a fire or explosion, procedures will include immediately evacuating the site and summoning of the local fire department. Portable fire extinguishers will be provided at the Exclusion Zone. The extinguishers located in the various locations should also be identified prior to the start of work.

Upon fire department arrival, the Site Supervisor or designated alternate will advise the fire commander of the location, nature, and identification of the hazardous materials on-site, if applicable.

If it is safe to do so, site personnel may:

- Use firefighting equipment available on-site to control or extinguish the fire.
- Remove or isolate flammable or other hazardous materials, if present, which may contribute to the fire.

Section No. 9.8: Significant Spill and Leak Procedures

All small spills/environmental releases shall be contained as close to the source as possible. Whenever possible, the SDS will be consulted to assist in determining proper waste characterization and the best means of containment and cleanup. For small spills, sorbent materials such as sand, sawdust or commercial sorbents should be placed directly on the substance to contain the spill and aid recovery. Any acid spills should be diluted or neutralized carefully prior to attempting recovery. Berms of earthen or sorbent materials can be used to contain the leading edge of the spills. All spill containment materials will be properly disposed. An exclusion zone of 50 to 100 feet around the spill area should be established depending on the size of the spill. All contractor vehicles shall have spill kits on them with enough material to contain and absorb the worst-case spill from that vehicle. All vehicles and equipment shall be inspected prior to be admitted on site. Any vehicle or piece of equipment that develops a leak will be taken out of service and removed from the job site. Based on the proposed tasks, the potential for a significant release is low.

The following steps shall be taken by the Emergency Coordinator:

1. Locate the spill source and stop the flow, if it can be done safely
2. Begin containment and recovery of the spilled materials
3. Make sure all unnecessary persons are removed from the spill area.
4. Notify the site supervisor and HSO immediately.
5. Use proper PPE in consultation with the HSO.
6. If a flammable liquid, gas or vapor is involved, remove all ignition sources and use non-sparking and/or explosion-proof equipment to contain or clean up the spill (diesel-only vehicles, air-operated pumps, etc.).
7. Remove all surrounding materials that can react or compound with the spill.
8. Downwind perimeter locations shall be monitored for volatile organics
9. If the release poses a potential threat to human health or the environment local emergency response coordinators will be notified.

In addition to the spill control and response procedures described in this HASP, personnel will coordinate with the designated project manager relative to spill response and control actions. Notification to the Project Manager must be immediate and, to the extent possible, include the following information:

- Time and location of the spill
- Type and nature of the material spilled
- Amount spilled
- Whether the spill has affected or has a potential to affect a waterway or sewer
- A brief description of affected areas/equipment
- Whether the spill has been contained
- Expected time of cleanup completion. If spill cleanup cannot be handled by on-site personnel alone, such fact must be conveyed to the Project Manager immediately

Section No. 9.9: Chemical Exposure

The following are standard procedures to treat chemical exposures. Other, specific procedures detailed on the Safety Data Sheet (SDS) will be followed, when necessary.

SKIN AND EYE: Use copious amounts of soap and water from eyewash kits and portable hand wash stations.

CONTACT: Wash/rinse affected areas thoroughly, then provide appropriate medical attention. Skin shall also be rinsed for 15 minutes if contact with caustics, acids or hydrogen peroxide occurs. Affected items of clothing shall also be removed from contact with skin.

Providing wash water and soap will be the responsibility of each individual contractor or subcontractor on-site.

Section No. 10: Record Keeping

The Site Supervisor will maintain a complete chronologic job log, which includes the following:

- Date, times, and weather conditions
- Names of all site workers
- Air monitoring activities and note that levels detected on all monitoring devices are to be recorded every 10 minutes
- Work activities and progress
- Sampling conducted
- Work practices
- Any violation of established safety procedures
- Emergency response
- Worker injuries

I have read this Health and Safety Plan and agree to comply with its requirements.

Name: _____

Signature: _____

Date: _____

Name: _____

Signature: _____

Date: _____

Name: _____

Signature: _____

Date: _____

Name: _____

Signature: _____

Date: _____

Name: _____

Signature: _____

Date: _____

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Signature: _____

Date: _____

Attachment A
Chemical Hazards of Concern

Benzene

Molecular Formula:	C_6H_6
CAS No.	71-43-2
Normal Physical State:	Liquid
Color/Appearance:	Colorless to light-yellow
Solubility:	1.79 g/L at 59 °F
Specific Gravity:	0.88
Vapor Pressure:	75 mmHg
Classification:	Highly Flammable
Explosive Limits:	1.2% (LEL) & 8% (UEL)
Incompatibilities:	strong oxidizers, many fluorides & perchlorate, nitric acid
Exposure Limits:	OSHA PEL: 1 ppm for 8-hour TWA

1,2-Dichloroethylene (a.k.a. Acetylene Dichloride)

Molecular Formula:	$C_2H_2Cl_2$
CAS No.	540-59-0 (mixture), 156-59-2 (cis); 156-60-5 (trans)
Normal Physical State:	Liquid
Color/Appearance:	Colorless
Solubility:	Insoluble in Water
Specific Gravity:	1.27-1.28 at 77 °F
Vapor Pressure:	180 to 265 mmHg at 68 °F
Classification:	Highly Flammable
Explosive Limits:	5.6–12.8%
Incompatibilities:	strong oxidizing agents (like perchlorates and peroxides), strong bases (such as sodium hydroxide), certain metals and metal alloys (especially copper and its alloys, potassium, lithium, and magnesium), and some other specific chemicals like nitrogen tetraoxide and difluoromethylene dihypofluorite
Exposure Limits:	OSHA PEL: 200 ppm for 8-hour TWA
Potential Symptoms:	Irritation of eyes and skin

Tetrachloroethylene (a.k.a. PCE)

Molecular Formula:	C_2Cl_4
CAS No.	127-18-4
Normal Physical State:	Liquid
Color/Appearance:	Colorless
Solubility:	Insoluble in Water
Specific Gravity:	1.62 at 68 °F
Vapor Pressure:	14 mmHg at 68 °F
Classification:	Noncombustible
Explosive Limits:	Not Applicable
Incompatibilities:	Strong oxidizers, chemically active metals such as lithium, beryllium & barium, caustic soda, sodium hydroxide, potash
Exposure Limits:	OSHA PELs: 100 ppm for 8 hour TWA
Potential Symptoms:	Irritation of eyes, nose and throat; nausea; flushing of face and neck; vertigo, dizziness, incoordination; headache, somnolence; skin erythema; liver damage.

Trichloroethylene (a.k.a. TCE)

Molecular Formula:	C_2HCl_3
CAS No.	79-01-6
Normal Physical State:	Liquid
Color/Appearance:	Colorless (possibly dyed blue)
Solubility:	1.280 g/L
Specific Gravity:	1.46
Vapor Pressure:	58 mmHg at 68 °F
Classification:	Combustible (may burn, but does not readily ignite)
Explosive Limits:	8% (LEL) & 10.5% (UEL)
Incompatibilities:	Strong caustic & alkalis, chemically-active metals such as barium, lithium, sodium, magnesium, titanium & beryllium
Exposure Limits:	OSHA PEL: 100 ppm for 8-hour TWA
Potential Symptoms:	Headache, vertigo, visual disturbance, fatigue, giddiness, tremors, somnolence, nausea and vomiting; irritation of eyes, skin; dermatitis.

SOURCES OF INFORMATION:

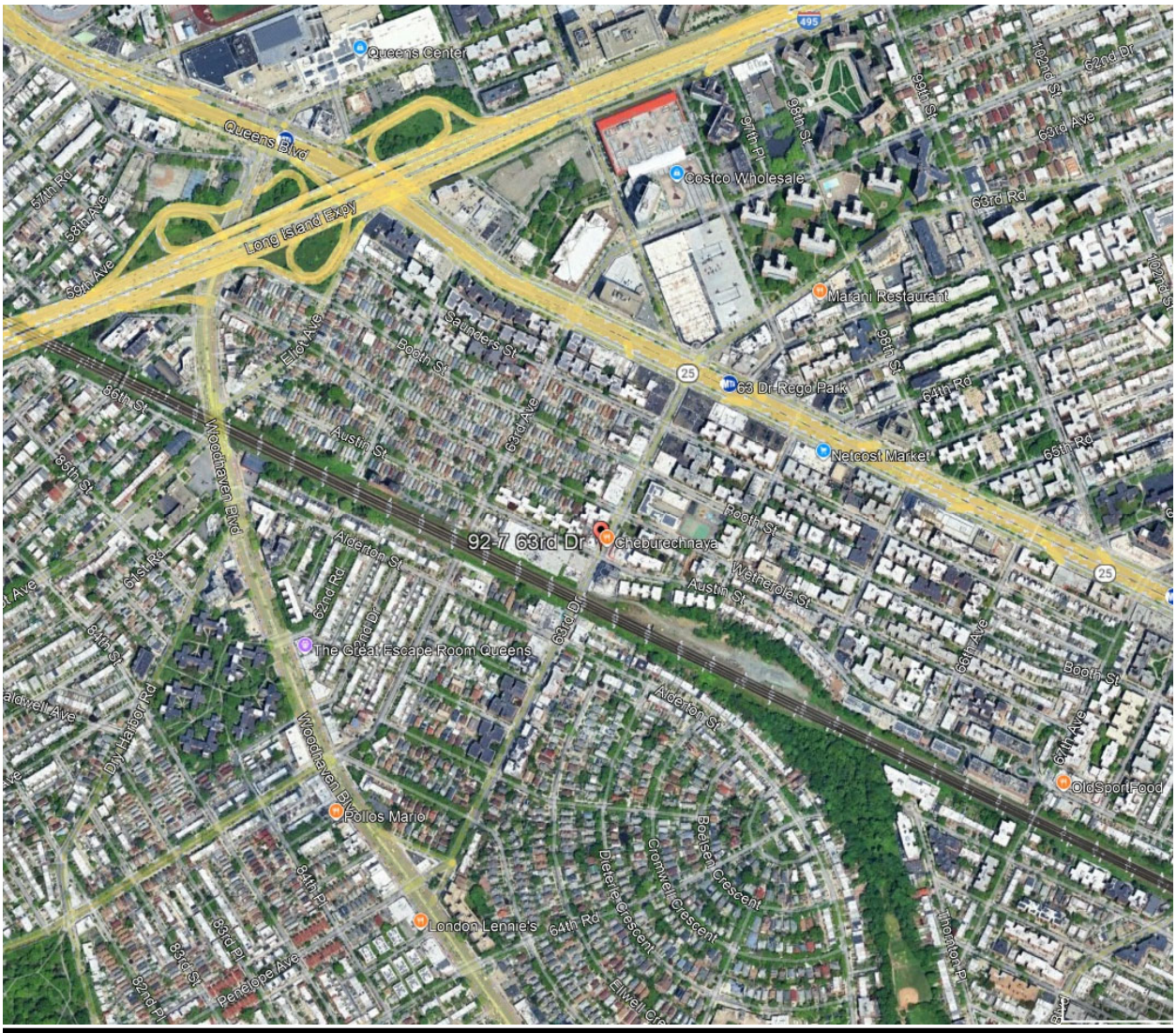
USDHHS, NIOSH Pocket Guide to Chemical Hazards. June 1997. (NIOSH Internet site - Ahttp.www.cdc.gov/niosh@).
Riser-Roberts, Eve. Bioremediation of Petroleum Contaminated Sites. 1992.
Merck & Co. The Merck Index. 1996.
OSHA Internet site.
Peakall, David and Lincer, Jeffrey. Polychlorinated Biphenyls: Another Long-Life Widespread Chemical in the Environment. BioScience Vol 20, No. 17, September 1, 1970.

FIRST AID

If contaminants come in contact with the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately. Contact lenses should not be worn when working. If contaminants come in contact with the skin, promptly wash the contaminated skin with soap and water. If contaminants penetrate through the clothing, promptly remove the clothing and wash the skin with soap and water. If a person breathes in large amounts of these contaminants, move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Keep the affected person warm and at rest. If these contaminants are swallowed, get medical attention immediately.

Attachment B
Figures of Subject Property

Overview of Subject Property
92-07 63rd Drive Rego Park, New York 11374



Health And Safety Plan

92-07 63rd Drive
Rego Park, New York 11374

Figure No. 01

JCB#: 25-62259

Detail of Subject Property
92-07 63rd Drive Rego Park, New York 11374



Health And Safety Plan

92-07 63rd Drive
Rego Park, New York 11374

Figure No. 02

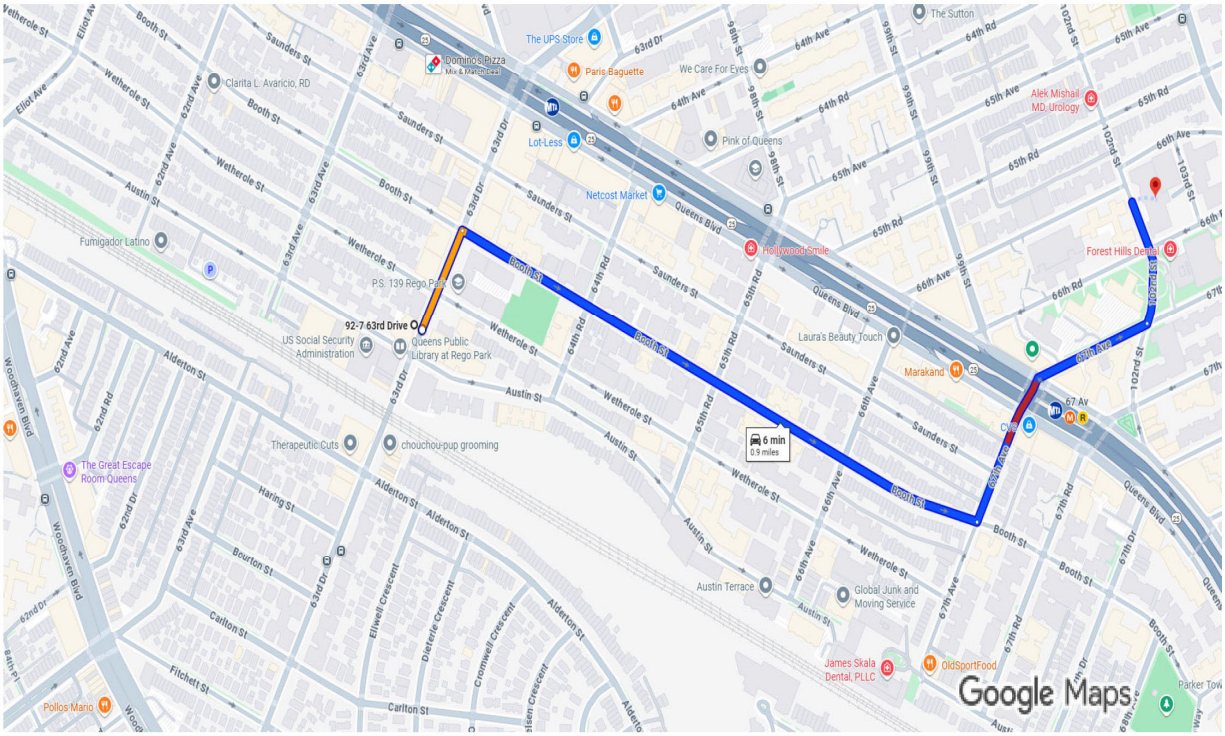
JCB#: 25-62259

Attachment C
Map and Directions to Medical Facility

Google Maps

92-7 63rd Dr, Rego Park, NY 11374 to Emergency Department - Long Island Jewish Forest Hills, 102-01 66th Rd, Forest Hills, NY 11375

Drive 0.9 mile, 6 min



Map data ©2025 Google 200 ft

92-7 63rd Dr
Rego Park, NY 11374

1. Head northeast on 63rd Dr toward Wetherole St
   417 ft
2. Turn right at the 2nd cross street onto Booth St
   0.5 mi
3. Turn left onto 67th Ave
   0.2 mi
4. Turn left onto 102nd St
   Destination will be on the right
   479 ft

Emergency Department - Long Island Jewish Forest Hills
102-01 66th Rd, Forest Hills, NY 11375

Map No. 01 **JCB# 25-62259**

Appendix D
NYSDEC Correspondences

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STATE SUPERFUND PROGRAM
ECL §27-1301 *et seq.*

In the Matter a Remedial Program for

ORDER ON CONSENT AND ADMINISTRATIVE SETTLEMENT
Index No. R2-20240124-25

DEC Site Name: 92-07 63rd Drive
DEC Site No.: 241270
Site Address: 92-07 63rd Drive, Queens, NY 11374

Hereinafter referred to as "Site"

by: Khedouri Associates, LLC
RESPONDENT

Hereinafter referred to as "Respondent"

---

1. A. The New York State Department of Environmental Conservation ("Department") is responsible for inactive hazardous waste disposal site remedial programs pursuant to Article 27, Title 13 of the Environmental Conservation Law ("ECL") and Part 375 of Title 6 of the Official Compilation of Codes, Rules and Regulations ("6 NYCRR") and may issue orders consistent with the authority granted to the Commissioner by such statute.

B. The Department is responsible for carrying out the policy of the State of New York to conserve, improve and protect its natural resources and environment and control water, land, and air pollution consistent with the authority granted to the Department and the Commissioner by Article 1, Title 3 of the ECL.

C. This Order is issued pursuant to the Department's authority under, *inter alia*, ECL Article 27, Title 13 and ECL 3-0301, and resolves Respondent's liability to the State as provided at 6 NYCRR 375-1.5(b)(5).

2. The Site is not currently listed in the Registry of Inactive Hazardous Waste Disposal Sites in New York State and is instead identified as a "P" or potential site with a Site Number of 241270.

3. Respondent consents to the issuance of this Order without (i) an admission or finding of liability, fault, wrongdoing, or violation of any law, regulation, permit, order, requirement, or standard of care of any kind whatsoever; (ii) an acknowledgment that there has been a release or threatened release of hazardous waste at or from the Site;

and/or (iii) an acknowledgment that a release or threatened release of hazardous waste at or from the Site constitutes a significant threat to the public health or environment.

4. Respondent and the Department agree that the primary goals of this Order are to appropriately characterize the contamination at the Site and provide a mechanism for Respondent to implement any necessary interim remedial measures and associated site management.

5. Solely with regard to the matters set forth below, Respondent hereby waives any right to a hearing as may be provided by law, consents to the issuance and entry of this Order, and agrees to be bound by its terms. Respondent consents to and agrees not to contest the authority or jurisdiction of the Department to issue or enforce this Order, and agrees not to contest the validity of this Order or its terms or the validity of data submitted to the Department by Respondent pursuant to this Order.

NOW, having considered this matter and being duly advised, **IT IS ORDERED THAT**:

I. Real Property

The Site subject to this Order has been assigned number 241270, consists of approximately 0.23 acres, and is as follows:

Subject Property Description (A Map of the Site is attached as Exhibit "A")

Queens County Tax Block 3094, Lot 42
92-07 63rd Drive
Queens, NY 11374
Owner: Khedouri Associates, LLC

II. Initial Work Plan and Site Characterization

Respondent must submit a Site Characterization Work Plan to the Department for approval within thirty (30) days after the effective date of this Order.

III. Payment of State Costs

Invoices shall be sent to Respondent at the following address:

Khedouri Associates, LLC
333 5th Avenue
New York, NY 10016

In addition to the requirement to pay future state costs as set forth in Appendix "A", within forty-five (45) Days after the effective date of this Consent Order, Respondent shall pay to the Department the sum set forth on Exhibit "C", which shall represent reimbursement for past State Costs incurred prior to the effective date of this Consent Order. Respondent acknowledges that all past State Costs are not itemized on the cost summary and that additional charges may be billed at a later date for State Costs incurred prior to the effective date of this Consent Order.

IV. Communications

A. All written communications required by this Consent Order shall be transmitted by United States Postal Service, by private courier service, by hand delivery, or by electronic mail.

1. Communication from Respondent shall be sent to:

Madeleine Babick DEC Project Manager (1 electronic copy)
New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Madeleine.Babick@dec.ny.gov

Christine Vooris
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
Christine.Vooris@health.ny.gov

2. Communication from the Department to Respondent shall be sent to:

Lawrence Khedouri
Khedouri Associates, LLC
333 5th Avenue
New York, NY 10016
Khedouriassoc@khedouri.com

B. The Department and Respondent reserve the right to designate additional or different addressees for communication on written notice to the other. Additionally, the Department reserves the right to request that the Respondent provide more than one paper copy of any work plan or report.

C. Each party shall notify the other within ninety (90) days after any change in the addresses listed in this paragraph or in Paragraph I.

V. Certificate of Completion/ No Further Action/Satisfactory Completion

Upon the Department's issuance of a Certificate of Completion as provided at 6 NYCRR 375-1.9 and 375-2.9, Respondent shall obtain the benefits conferred by such provisions, subject to the terms and conditions described therein. However, if, after the completion of any required investigations and/or interim remedial measures, the Department determines that the Site will not be listed in the *Registry of Inactive Hazardous Waste Disposal Sites in New York State*, the Department will not issue a Certificate of Completion but will issue a No Further Action/Satisfactory Completion Letter to Respondent reflecting the Department's determination that, other than implementation of a Site Management Plan if required, no further remedial action at the Site is presently necessary. The Letter's form and substance shall be materially similar to the attached Exhibit D.

VI. Miscellaneous

A. Appendix A - "Standard Clauses for All New York State, State Superfund Orders" is attached to and hereby made a part of this Order as if set forth fully herein.

B. In the event of a conflict between the terms of this Order (including any and all attachments thereto and amendments thereof) and the terms of Appendix A, the terms of this Order shall control.

C. The effective date of this Order is the 10th day after it is signed by the Commissioner or the Commissioner's designee.

DATED:

SEAN MAHAR
INTERIM COMMISSIONER
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

_____
Andrew O. Guglielmi, Director
Division of Environmental Remediation

CONSENT BY RESPONDENT

Respondent hereby consents to the issuing and entering of this Consent Order, waives Respondent's right to a hearing herein as provided by law, and agrees to be bound by this Consent Order.

Khedouri Associates, LLC

By:_____
Title:_____
Date:_____

STATE OF NEW YORK)
) ss:
COUNTY OF)

On the _____ day of _____ in the year 2024, before me, the undersigned, personally appeared _____*(full name)* personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Acknowledgment by a corporation, in New York State:

On the _____ day of _____ in the year 2024, before me, the undersigned, personally appeared _____*(full name)* personally known to me who, being duly sworn, did depose and say that he/she/they reside at _____*(full mailing address)* and that he/she/they is (are) the _____ *(president or other officer or director or attorney in fact duly appointed)* of the _____

(full legal name of corporation), the corporation described in and which executed the above instrument; and that he/she/they signed his/her/their name(s) thereto by the authority of the board of directors of said corporation.

_____
Notary Public, State of New York

EXHIBIT "A"


3091
3081
3093
3094
3095
3096
3103
3109
WETHEROLE ST
BOOTH ST
63 DR
63 AVE
AUSTIN ST
ALDERTON ST
42

EXHIBIT "B"

RECORDS SEARCH REPORT

1. Detail all environmental data and information within Respondent's or Respondent's agents' or consultants' possession or control regarding environmental conditions at or emanating from the Site.

2. A comprehensive list of all existing relevant reports with titles, authors, and subject matter, as well as a description of the results of all previous investigations of the Site and of areas immediately surrounding the Site which are or might be affected by contamination at the Site, including all available topographic and property surveys, engineering studies, and aerial photographs.

3. A concise summary of information held by Respondent and Respondent's attorneys and consultants with respect to:

(i) a history and description of the Site, including the nature of operations;

(ii) the types, quantities, physical state, locations, methods, and dates of disposal or release of hazardous waste at or emanating from the Site;

(iii) a description of current Site security (i.e., fencing, posting, etc.); and

(iv) the names and addresses of all persons responsible for disposal of hazardous waste, including the dates of such disposal and any proof linking each such person responsible with the hazardous wastes identified.

EXHIBIT "C"

Cost Summary

Exhibit “D”

[date]

Khedouri Associates, LLC
333 5th Avenue
New York, NY 10016

RE: Satisfactory Completion Letter/No Further Action Letter
Site No.: 241270
Site Name: 92-07 63rd Drive

Dear Respondent:

This letter is sent to notify Respondent that it has satisfactorily completed the ***Site Characterization/Interim Remedial Measure*** of the remediation project that Respondent undertook under the Consent Order Index No. R2-20240124-25 for 92-07 63rd Drive, Queens, Queens County, New York (Queens County Tax Map Block 3094, Lot 42) (“Site”). The New York State Department of Environmental Conservation (“Department”) has determined, subject to the Department's reservation of rights outlined below, contained in the Consent Order, or existing at law, based upon our inspection of the above-referenced Site and upon our review of the documents you have submitted, that you completed the project in accordance with the terms and conditions of the above-referenced Order and no further remedial action (other than implementation of the Site Management Plan if required) is necessary. As a result, the Department is issuing this Satisfactory Completion /No Further Action Letter for the project.

Notwithstanding that the Department has determined that no further remedial action is necessary with the respect to the Site, the Department reserves any and all rights and authority, including rights concerning any claim for natural resource damages or the authority to engage in or require any further investigation or remediation the Department deems necessary. The Department retains all its respective rights concerning circumstances where Respondent, their lessees, sublessees, successors, or assigns cause or permit a Release or threat of Release at the site of any hazardous substance (as that term is defined at 42 USC 9601[14]) or petroleum (as that term is defined in Navigation Law § 172[15]).

Additionally, with respect to the site, nothing contained in this letter shall be construed to:

- preclude the State of New York on behalf of the New York State Environmental Protection and Spill Compensation Fund from recovering a claim of any kind or nature against any party;
- prejudice any rights of the Department to take any investigatory action or remediation or corrective measures it may deem necessary if Respondent fails to comply with the Order or if contamination other than contamination within the present knowledge of the Department is encountered at the Site;

- prohibit the Commissioner or his duly authorized representative from exercising any summary abatement powers.

In conclusion, the Department is pleased to be part of this effort to return the site to productive use and benefit to the entire community.

If you have any questions, please do not hesitate to contact Madeleine Babick, site project manager, at 718-482-4992.

Sincerely,

Andrew O. Gugliemi
Director
Division of Environmental Remediation

ec: [list appropriate staff]

APPENDIX "A"

STANDARD CLAUSES FOR ALL NEW YORK STATE STATE SUPERFUND ORDERS

APPENDIX A

STANDARD CLAUSES FOR ALL NEW YORK STATE SUPERFUND ADMINISTRATIVE ORDERS

The parties to the State Superfund Order (hereinafter "Order") agree to be bound by the following clauses which are hereby made a part of the Order. The word "Respondent" herein refers to any party to the Order, other than the New York State Department of Environmental Conservation (hereinafter "Department").

I. Citizen Participation Plan

Within twenty (20) days after the effective date of this Order, Respondent shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of ECL §27-1417 and 6 NYCRR sections 375-1.10 and 375-3.10. Upon approval, the Citizen Participation Plan shall be deemed to be incorporated into and made a part of this Order.

II. Initial Submittal

Within thirty (30) days after the effective date of this Order, Respondent shall submit to the Department a Records Search Report prepared in accordance with Exhibit "B" attached to the Order. The Records Search Report can be limited if the Department notifies Respondent that prior submissions satisfy specific items required for the Records Search Report.

III. Development, Performance, and Reporting of Work Plans

A. Work Plan Requirements

All activities at the Site that comprise any element of an Inactive Hazardous Waste Disposal Site Remedial Program shall be conducted pursuant to one or more Department-approved work plans ("Work Plan" or "Work Plans") and this Order and all activities shall be consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 C.F.R. Part 300, as required under CERCLA, 42 U.S.C. § 9600 *et seq*. The Work Plan(s) under this Order shall address both on-Site and off-Site conditions and shall be developed and implemented in accordance with 6 NYCRR § 375-1.6(a), 375-3.6, and 375-6. All Department-approved Work Plans shall be incorporated into and become enforceable parts of this Order. Upon approval of a Work Plan by the Department, Respondent shall implement such Work Plan in accordance with the schedule contained therein. Nothing in this Subparagraph shall mandate that any particular Work Plan be submitted.

The Work Plans shall be captioned as follows:

1. Site Characterization ("SC") Work Plan: a Work Plan which provides for the identification of the presence of any hazardous waste disposal at the Site;

2. Remedial Investigation/Feasibility Study ("RI/FS") Work Plan: a Work Plan which provides for the investigation of the nature and extent of contamination within the boundaries of the Site and emanating from such Site and a study of remedial alternatives to address such on-site and off-site contamination;

3. Remedial Design/Remedial Action ("RD/RA") Work Plan: a Work Plan which provides for the development and implementation of final plans and specifications for implementing the remedial alternative set forth in the ROD;

4. "IRM Work Plan" if the Work Plan provides for an interim remedial measure;

5. "Site Management Plan" if the Work Plan provides for the identification and implementation of institutional and/or engineering controls as well as any necessary monitoring and/or operation and maintenance of the remedy; or

6. "Supplemental" if additional work plans other than those set forth in II.A.1-5 are required to be prepared and implemented.

B. Submission/Implementation of Work Plans

1. Respondent may opt to propose one or more additional or supplemental Work Plans

(including one or more IRM Work Plans) at any time, which the Department shall review for appropriateness and technical sufficiency.

2. Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan.

i. The Department shall notify Respondent in writing if the Department determines that any element of a Department-approved Work Plan needs to be modified in order to achieve the objectives of the Work Plan as set forth in Subparagraph III.A or to ensure that the Remedial Program otherwise protects human health and the environment. Upon receipt of such notification, Respondent shall, subject to dispute resolution pursuant to Paragraph XV, modify the Work Plan.

ii. The Department may request, subject to dispute resolution pursuant to Paragraph XV, that Respondent submit additional or supplemental Work Plans for the Site to complete the current remedial phase within thirty (30) Days after the Department's written request.

3. A Site Management Plan, if necessary, shall be submitted in accordance with the schedule set forth in the IRM Work Plan or Remedial Work Plan.

4. During all field activities conducted under a Department-approved Work Plan, Respondent shall have on-Site a representative who is qualified to supervise the activities undertaken in accordance with the provisions of 6 NYCRR 375-1.6(a)(3).

5. A Professional Engineer must stamp and sign all Work Plans other than SC or RI/FS Work Plans.

C. Submission of Final Reports and Periodic Reports

1. In accordance with the schedule contained in a Work Plan, Respondent shall submit a final report as provided at 6 NYCRR 375-1.6(b) and a final engineering report as provided at 6 NYCRR 375-1.6(c).

2. Any final report or final engineering report that includes construction activities shall include "as built" drawings showing any changes made to the remedial design or the IRM.

3. In the event that the final engineering report for the Site requires Site management, Respondent shall submit an initial periodic report by in accordance with the schedule in the Site Management Plan and thereafter in accordance with a schedule determined by the Department. Such periodic report shall be signed by a Professional Engineer or by such other qualified environmental professional as the Department may find acceptable and shall contain a certification as provided at 6 NYCRR 375-1.8(h)(3). Respondent may petition the Department for a determination that the institutional and/or engineering controls may be terminated. Such petition must be supported by a statement by a Professional Engineer that such controls are no longer necessary for the protection of public health and the environment. The Department shall not unreasonably withhold its approval of such petition.

4. Within sixty (60) days of the Department's approval of a Final Report, Respondent shall submit such additional Work Plans as is required by the Department in its approval letter of such Final Report. Failure to submit any additional Work Plans within such period shall be a violation of this Order.

D. Review of Submittals

1. The Department shall make a good faith effort to review and respond in writing to each submittal Respondent makes pursuant to this Order within sixty (60) Days. The Department's response shall include, in accordance with 6 NYCRR 375-1.6(d), an approval, modification request, or disapproval of the submittal, in whole or in part.

i. Upon the Department's written approval of a Work Plan, such Department-approved Work Plan shall be deemed to be incorporated into and made a part of this Order and shall be implemented in accordance with the schedule contained therein.

ii. If the Department modifies or requests modifications to a submittal, it shall specify the reasons for such modification(s). Within fifteen (15) Days after the date of the Department's written notice that Respondent's submittal has been disapproved, Respondent shall notify the Department of its election in accordance with 6 NYCRR 375-1.6(d)(3). If Respondent elects to modify or accept the Department's modifications to the submittal, Respondent shall make a revised submittal that incorporates all of the Department's modifications to the first submittal in accordance with the time period set forth in 6 NYCRR 375-1.6(d)(3). In the event that Respondent's revised submittal is disapproved, the Department shall set forth its reasons for such disapproval in writing and Respondent shall be in violation of this Order unless it invokes dispute resolution pursuant to Paragraph XV and its position prevails. Failure to make an election or failure to comply with the election is a violation of this Order.

iii. If the Department disapproves a submittal, it shall specify the reasons for its disapproval. Within fifteen (15) Days after the date of the Department's written notice that Respondent's submittal has been disapproved, Respondent shall notify the Department of its election in accordance with 6 NYCRR 375-1.6(d)(4). If Respondent elects to modify the submittal, Respondent shall make a revised submittal that addresses all of the Department's stated reasons for disapproving the first submittal in accordance with the time period set forth in 6 NYCRR 375-1.6(d)(4). In the event that Respondent's revised submittal is disapproved, the Department shall set forth its reasons for such disapproval in writing and Respondent shall be in violation of this Order unless it invokes dispute resolution pursuant to Paragraph XV and its position prevails. Failure to make an election or failure to comply with the election is a violation of this Order.

2. Within thirty (30) Days after the Department's approval of a final report, Respondent shall submit such final report, as well as all data gathered and drawings and submittals made pursuant to such Work Plan, in an electronic format acceptable to the Department. If any document cannot be converted into electronic format, Respondent shall submit such document in an alternative format acceptable to the Department.

E. Department's Issuance of a ROD

1. Respondent shall cooperate with the Department and provide reasonable assistance, consistent with the Citizen Participation Plan, in soliciting public comment on the proposed remedial action plan ("PRAP"), if any. After the close of the public comment period, the Department shall select a final remedial alternative for the Site in a ROD. Nothing in this Order shall be construed to abridge any rights of Respondent, as provided by law, to judicially challenge the Department's ROD.

2. Respondent shall have 60 days from the date of the Department's issuance of the ROD to notify the Department in writing whether it will implement the remedial activities required by such ROD. If the Respondent elects not to implement the required remedial activities, then this order shall terminate in accordance with Paragraph XIV.A. Failure to make an election or failure to comply with the election is a violation of this Order.

F. Institutional/Engineering Control Certification

In the event that the remedy for the Site, if any, or any Work Plan for the Site, requires institutional or engineering controls, Respondent shall submit a written certification in accordance with 6 NYCRR 375-1.8(h)(3) and 375-3.8(h)(2).

IV. Penalties

A. 1. Respondent's failure to comply with any term of this Order constitutes a violation of this Order, the ECL, and 6 NYCRR 375-2.11(a)(4). Nothing herein abridges Respondent's right to contest any allegation that it has failed to comply with this Order.

2. Payment of any penalties shall not in any way alter Respondent's obligations under this Order.

B. 1. Respondent shall not suffer any penalty or be subject to any proceeding or action in the event it cannot comply with any requirement of this Order as a result of any Force Majeure Event as provided at 6 NYCRR 375-1.5(b)(4). Respondent must use best efforts to anticipate the potential Force Majeure Event, best efforts to address any such event as it is occurring, and best efforts following the Force Majeure Event to minimize delay to the greatest extent possible. "Force Majeure" does not include

Respondent's economic inability to comply with any obligation, the failure of Respondent to make complete and timely application for any required approval or permit, and non-attainment of the goals, standards, and requirements of this Order.

2. Respondent shall notify the Department in writing within five (5) Days of the onset of any Force Majeure Event. Failure to give such notice within such five (5) Day period constitutes a waiver of any claim that a delay is not subject to penalties. Respondent shall be deemed to know of any circumstance which it, any entity controlled by it, or its contractors knew or should have known.

3. Respondent shall have the burden of proving by a preponderance of the evidence that (i) the delay or anticipated delay has been or will be caused by a Force Majeure Event; (ii) the duration of the delay or the extension sought is warranted under the circumstances; (iii) best efforts were exercised to avoid and mitigate the effects of the delay; and (iv) Respondent complied with the requirements of Subparagraph IV.B.2 regarding timely notification.

4. If the Department agrees that the delay or anticipated delay is attributable to a Force Majeure Event, the time for performance of the obligations that are affected by the Force Majeure Event shall be extended for a period of time equivalent to the time lost because of the Force majuere event, in accordance with 375-1.5(4).

5. If the Department rejects Respondent's assertion that an event provides a defense to non-compliance with this Order pursuant to Subparagraph IV.B, Respondent shall be in violation of this Order unless it invokes dispute resolution pursuant to Paragraph XV and Respondent's position prevails.

V. Entry upon Site

A. Respondent hereby consents, upon reasonable notice under the circumstances presented, to entry upon the Site (or areas in the vicinity of the Site which may be under the control of Respondent) by any duly designated officer or employee of the Department or any State agency having jurisdiction with respect to matters addressed pursuant to this Order, and by any agent, consultant, contractor, or other person so authorized by the Commissioner, all of whom shall abide by the health and safety rules in effect for the Site, for inspecting, sampling, copying records related to the contamination at the Site, testing, and any other activities necessary to ensure Respondent's compliance with this Order. Upon request, Respondent shall (i) provide the Department with suitable work space at the Site, including access to a telephone, to the extent available, and (ii) permit the Department full access to all non-privileged records relating to matters addressed by this Order. Raw data is not considered privileged and that portion of any privileged document containing raw data must be provided to the Department. In the event Respondent is unable to obtain any authorization from third-party property owners necessary to perform its obligations under this Order, the Department may, consistent with its legal authority, assist in obtaining such authorizations.

B. The Department shall have the right to take its own samples and scientific measurements and the Department and Respondent shall each have the right to obtain split samples, duplicate samples, or both, of all substances and materials sampled. The Department shall make the results of any such sampling and scientific measurements available to Respondent.

VI. Payment of State Costs

A. Within forty-five (45) days after receipt of an itemized invoice from the Department, Respondent shall pay to the Department a sum of money which shall represent reimbursement for State Costs as provided by 6 NYCRR 375-1.5 (b)(3)(i). Failure to timely pay any invoice will be subject to late payment charge and interest at a rate of 9% from the date the payment is due until the date the payment is made.

B. Costs shall be documented as provided by 6 NYCRR 375-1.5(b)(3). The Department shall not be required to provide any other documentation of costs, provided however, that the Department's records shall be available consistent with, and in accordance with, Article 6 of the Public Officers Law.

C. Each such payment shall be made payable to the New York State Department of Environmental Conservation and shall be sent to:

Director, Bureau of Program Management
Division of Environmental Remediation
New York State Department of Environmental Conservation

625 Broadway
Albany, New York 12233-7012

D. The Department shall provide written notification to the Respondent of any change in the foregoing addresses.

E. If Respondent objects to any invoiced costs under this Order, the provisions of 6 NYCRR 375-1.5 (b)(3)(v) and (vi) shall apply. Objections shall be sent to the Department as provided under subparagraph VI.C above.

F. In the event of non-payment of any invoice within the 45 days provided herein, the Department may seek enforcement of this provision pursuant to Paragraph IV or the Department may commence an enforcement action for non-compliance with ECL '27-1423 and ECL 71-4003.

VII. Release and Covenant Not to Sue

Upon the Department's issuance of a Certificate of Completion as provided at 6 NYCRR 375-1.9 and 375-2.9, Respondent shall obtain the benefits conferred by such provisions, subject to the terms and conditions described therein.

VIII. Reservation of Rights

A. Except as provided at 6 NYCRR 375-1.9 and 375-2.9, nothing contained in this Order shall be construed as barring, diminishing, adjudicating, or in any way affecting any of the Department's rights or authorities, including, but not limited to, the right to require performance of further investigations and/or response action(s), to recover natural resource damages, and/or to exercise any summary abatement powers with respect to any person, including Respondent.

B. Except as otherwise provided in this Order, Respondent specifically reserves all rights and defenses under applicable law respecting any Departmental assertion of remedial liability and/or natural resource damages against Respondent, and further reserves all rights respecting the enforcement of this Order, including the rights to notice, to be heard, to appeal, and to any other due process. The existence of this Order or Respondent's compliance with it shall not be construed as an admission of liability, fault, wrongdoing, or breach of standard of care by Respondent, and shall not give rise to any presumption of law or finding of fact, or create any rights, or grant any cause of action, which shall inure to the benefit of any third party. Further, Respondent reserves such rights as it may have to seek and obtain contribution, indemnification, and/or any other form of recovery from its insurers and from other potentially responsible parties or their insurers for past or future response and/or cleanup costs or such other costs or damages arising from the contamination at the Site as may be provided by law, including but not limited to rights of contribution under section 113(f)(3)(B) of CERCLA, 42 U.S.C. § 9613(f)(3)(B).

IX. Indemnification

Respondent shall indemnify and hold the Department, the State of New York, the Trustee of the State's natural resources, and their representatives and employees harmless as provided by 6 NYCRR 375-2.5(a)(3)(i).

X. Public Notice

A. Within thirty (30) Days after the effective date of this Order, Respondent shall provide notice as required by 6 NYCRR 375-1.5(a). Within sixty (60) Days of such filing, Respondent shall provide the Department with a copy of such instrument certified by the recording officer to be a true and faithful copy.

B. If Respondent proposes to transfer by sale or lease the whole or any part of Respondent's interest in the Site, or becomes aware of such transfer, Respondent shall, not fewer than forty-five (45) Days before the date of transfer, or within forty-five (45) Days after becoming aware of such conveyance, notify the Department in writing of the identity of the transferee and of the nature and proposed or actual date of the conveyance, and shall notify the transferee in writing, with a copy to the Department, of the applicability of this Order. However, such obligation shall not extend to a conveyance by means of a corporate reorganization or merger or the granting of any rights under any mortgage, deed, trust, assignment, judgment, lien, pledge, security agreement, lease, or any other right accruing to a person not affiliated with Respondent to secure the repayment of money or the performance of a duty or obligation.

XI. Change of Use

Applicant shall notify the Department at least sixty (60) days in advance of any change of use, as defined in 6 NYCRR 375-2.2(a), which is proposed for the Site, in accordance with the provisions of 6 NYCRR 375-1.11(d). In the event the Department determines that the proposed change of use is prohibited, the Department shall notify Applicant of such determination within forty-five (45) days of receipt of such notice.

XII. Environmental Easement

A. If a Record of Decision for the Site relies upon one or more institutional and/or engineering controls, Respondent (or the owner of the Site) shall submit to the Department for approval an Environmental Easement to run with the land in favor of the State which complies with the requirements of ECL Article 71, Title 36, and 6 NYCRR 375-1.8(h)(2). Upon acceptance of the Environmental Easement by the State, Respondent shall comply with the requirements of 6 NYCRR 375-1.8(h)(2).

B. If the ROD provides for no action other than implementation of one or more institutional controls, Respondent shall cause an environmental easement to be recorded under the provisions of Subparagraph XII.A.

C. If Respondent does not cause such environmental easement to be recorded in accordance with 6 NYCRR 375-1.8(h)(2), Respondent will not be entitled to the benefits conferred by 6 NYCRR 375-1.9 and 375-2.9 and the Department may file an Environmental Notice on the site.

XIII.Progress Reports

Respondent shall submit a written progress report of its actions under this Order to the parties identified in Subparagraph IV.A.1 of the Order by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination date as set forth in Paragraph XIV, unless a different frequency is set forth in a Work Plan. Such reports shall, at a minimum, include: all actions relative to the Site during the previous reporting period and those anticipated for the next reporting period; all approved activity modifications (changes of work scope and/or schedule); all results of sampling and tests and all other data received or generated by or on behalf of Respondent in connection with this Site, whether under this Order or otherwise, in the previous reporting period, including quality assurance/quality control information; information regarding percentage of completion; unresolved delays encountered or anticipated that may affect the future schedule and efforts made to mitigate such delays; and information regarding activities undertaken in support of the Citizen Participation Plan during the previous reporting period and those anticipated for the next reporting period.

XIV. Termination of Order

A. This Order will terminate upon the earlier of the following events:

1. Respondent's election in accordance with Paragraph III.E.2 not to implement the remedial activities required pursuant to the ROD. In the event of termination in accordance with this Subparagraph, this Order shall terminate effective the 5th Day after the Department's receipt of the written notification, provided, however, that if there are one or more Work Plan(s) for which a final report has not been approved at the time of Respondent's notification of its election not to implement the remedial activities in accordance with the ROD, Respondent shall complete the activities required by such previously approved Work Plan(s) consistent with the schedules contained therein. Thereafter, this Order shall terminate effective the 5th Day after the Department's approval of the final report for all previously approved Work Plans; or

2. The Department's written determination that Respondent has completed all phases of the Remedial Program (including Site Management), in which event the termination shall be effective on the 5th Day after the date of the Department's letter stating that all phases of the remedial program have been completed.

B. Notwithstanding the foregoing, the provisions contained in Paragraphs VI and IX shall survive the termination of this Order and any violation of such surviving Paragraphs shall be a violation of this Order, the ECL, and 6 NYCRR 375-2.11(a)(4), subjecting Respondent to penalties as provided under Paragraph IV so long as such obligations accrued on or prior to the Termination Date.

C. If the Order is terminated pursuant to Subparagraph XIV.A.1, neither this Order nor its termination shall affect any liability of Respondent for remediation of the Site and/or for payment of State Costs, including implementation of removal and remedial actions, interest, enforcement, and any and all other response costs as defined under CERCLA, nor shall it affect any defenses to such liability that may be asserted by Respondent. Respondent shall also ensure that it does not leave the Site in a condition, from the perspective of human health and environmental protection, worse than that which existed before any activities under this Order were commenced. Further, the Department's efforts in obtaining and overseeing compliance with this Order shall constitute reasonable efforts under law to obtain a voluntary commitment from Respondent for any further activities to be undertaken as part of a Remedial Program for the Site.

XV. Dispute Resolution

A. In the event disputes arise under this Order, Respondent may, within fifteen (15) Days after Respondent knew or should have known of the facts which are the basis of the dispute, initiate dispute resolution in accordance with the provisions of 6 NYCRR 375-1.5(b)(2).

B. All cost incurred by the Department associated with dispute resolution are State costs subject to reimbursement pursuant to this Order.

C. Nothing contained in this Order shall be construed to authorize Respondent to invoke dispute resolution with respect to the remedy selected by the Department in the ROD or any element of such remedy, nor to impair any right of Respondent to seek judicial review of the Department's selection of any remedy.

XVI. Miscellaneous

A. Respondent agrees to comply with and be bound by the provisions of 6 NYCRR Subparts 375-1 and 375-2; the provisions of such Subparts that are referenced herein are referenced for clarity and convenience only and the failure of this Order to specifically reference any particular regulatory provision is not intended to imply that such provision is not applicable to activities performed under this Order.

B. The Department may exempt Respondent from the requirement to obtain any state or local permit or other authorization for any activity conducted pursuant to this Order in accordance with 6 NYCRR 375-1.12(b), (c), and (d).

C. 1. Respondent shall use best efforts to obtain all Site access, permits, easements, approvals, institutional controls, and/or authorizations necessary to perform Respondent's obligations under this Order, including all Department-approved Work Plans and the schedules contained therein. If, despite Respondent's best efforts, any access, permits, easements, approvals, institutional controls, or authorizations cannot be obtained, Respondent shall promptly notify the Department and include a summary of the steps taken. The Department may, as it deems appropriate and within its authority, assist Respondent in obtaining same.

2. If an interest in property is needed to implement an institutional control required by a Work Plan and such interest cannot be obtained, the Department may require Respondent to modify the Work Plan pursuant to 6 NYCRR 375-1.6(d)(3) to reflect changes necessitated by Respondent's inability to obtain such interest.

D. The paragraph headings set forth in this Order are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Order.

E. 1. The terms of this Order shall constitute the complete and entire agreement between the Department and Respondent concerning the implementation of the activities required by this Order. No term, condition, understanding, or agreement purporting to modify or vary any term of this Order shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department shall be construed as relieving Respondent of Respondent's obligation to obtain such formal approvals as may be required by this Order. In the event of a conflict between the terms of this Order and any Work Plan submitted pursuant to this Order, the terms of this Order shall control over the terms of the Work Plan(s). Respondent consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Order.

2. i. Except as set forth herein, if Respondent desires that any provision of this Order be changed, Respondent shall make timely written application to the Commissioner with copies to the parties listed in Subparagraph IV.A.1.

ii. If Respondent seeks to modify an approved Work Plan, a written request shall be made to the Department's project manager, with copies to the parties listed in Subparagraph IV.A.1.

iii. Requests for a change to a time frame set forth in this Order shall be made in writing to the Department's project attorney and project manager; such requests shall not be unreasonably denied and a written response to such requests shall be sent to Respondent promptly.

F. 1. If there are multiple parties signing this Order, the term "Respondent" shall be read in the plural, the obligations of each such party under this Order are joint and several, and the insolvency of or failure by any Respondent to implement any obligations under this Order shall not affect the obligations of the remaining Respondent(s) under this Order.

2. If Respondent is a partnership, the obligations of all general partners (including limited partners who act as general partners) under this Order are joint and several and the insolvency or failure of any general partner to implement any obligations under this Order shall not affect the obligations of the remaining partner(s) under this Order.

3. Notwithstanding the foregoing Subparagraphs XVI.F.1 and 2, if multiple parties sign this Order as Respondents but not all of the signing parties elect to implement a Work Plan, all Respondents are jointly and severally liable for each and every obligation under this Order through the completion of activities in such Work Plan that all such parties consented to; thereafter, only those Respondents electing to perform additional work shall be jointly and severally liable under this Order for the obligations and activities under such additional Work Plan(s). The parties electing not to implement the additional Work Plan(s) shall have no obligations under this Order relative to the activities set forth in such Work Plan(s). Further, only those Respondents electing to implement such additional Work Plan(s) shall be eligible to receive the release and covenant not to sue referenced in Paragraph VII.

G. Respondent shall be entitled to receive contribution protection and/or to seek contribution to the extent authorized by ECL 27-1421(6) and 6 NYCRR 375-1.5(b)(5).

H. Unless otherwise expressly provided herein, terms used in this Order which are defined in ECL Article 27 or in regulations promulgated thereunder shall have the meaning assigned to them under said statute or regulations.

I. Respondent's obligations under this Order represent payment for or reimbursement of response costs, and shall not be deemed to constitute any type of fine or penalty.

J. Respondent and Respondent's successors and assigns shall be bound by this Order. Any change in ownership or corporate status of Respondent shall in no way alter Respondent's responsibilities under this Order.

K. This Order may be executed for the convenience of the parties hereto, individually or in combination, in one or more counterparts, each of which shall be deemed to have the status of an executed original and all of which shall together constitute one and the same.